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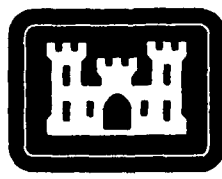
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WATERBORNE COMMERCE OF THE UNITED STATES

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Calendar Year 1986

PART 2
WATERWAYS AND HARBORS
GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES



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<p>Waterborne Commerce of the United States (WCUS), Part 2, Calendar Year 1986 is one of a series of five publications containing statistics on the commercial movement of foreign and domestic cargo. WCUS, Part 2, presents detailed data by commodity and traffic for the waterways and harbors on the Gulf Coast, Mississippi River System and Antilles. The statistics include commodities given in short tons (2000 lbs.) and vessel trips for the harbors and waterways.</p> <p><i>Table data. (KR) Keywords: Statistical data,</i></p>			
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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1986



PART 2 WATERWAYS AND HARBORS GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES

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

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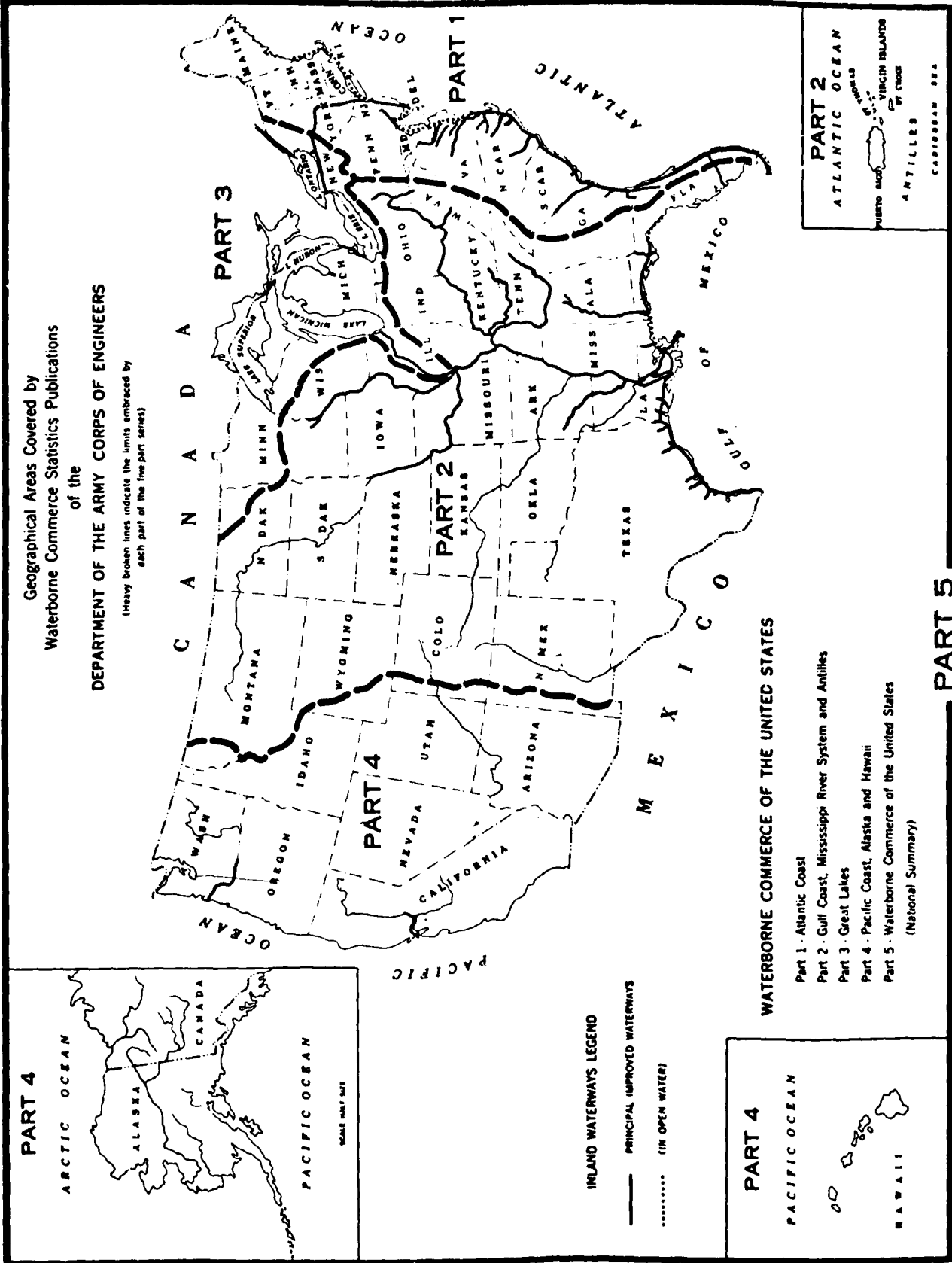
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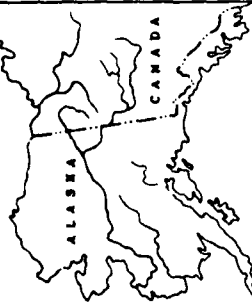
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

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



PART 4

ARCTIC OCEAN



PACIFIC OCEAN

SCALE 1:500,000

INLAND WATERWAYS LEGEND

— PRINCIPAL IMPROVED WATERWAYS

..... (IN OPEN WATER)

PART 4

PACIFIC OCEAN



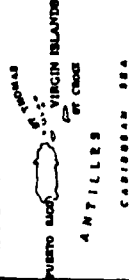
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WATERBORNE COMMERCE OF THE UNITED STATES

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

PART 2

ATLANTIC OCEAN



ANTILLES

CARIBBEAN SEA

PART 5

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INTRODUCTION

VII

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1986. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

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

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

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

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

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

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1986 but not reported to the Corps of Engineers until after 28 February 1987 will be included in the next year's, 1987, statistics rather than in this publication, while reports of movements completed in 1985 but reported to the Corps after 28 February 1986 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 1986 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 1986 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

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

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

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

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

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

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

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

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1986 in Bar Harbor, Lubec, Eastport and Portland Harbor.

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

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1986 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."

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

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

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

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

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

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

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

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

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

General Terms

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

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 20-Food and Kindred Products	
0101	Cotton, raw	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0102	Barley and rye	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0103	Corn	2041	Wheat flour and semolina
0104	Oats	2042	Animal feeds
0105	Rice	2049	Grain mill products, not elsewhere classified
0106	Sorghum Grains	2061	Sugar
0107	Wheat	2062	Molasses
0111	Soybeans	2081	Alcoholic beverages
0112	Flaxseed	2091	Vegetable oils, all grades; margarine and shortening
0119	Oilseeds, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0121	Tobacco, leaf	2094	Groceries
0122	Hay and Fodder	2095	Ice
0129	Field crops, not elsewhere classified	2099	Miscellaneous food products
0131	Fresh fruits	Group 21-Tobacco Products	
0132	Bananas and plantains	2111	Tobacco manufactures
0133	Coffee, green and roasted (including instant)	Group 22-Basic Textiles	
0134	Cocoa beans	2211	Basic textile products, except textile fibers
0141	Fresh and frozen vegetables	2212	Textile fibers not elsewhere classified
0151	Live animals (livestock) except swine animals, cats, dogs, etc.	Group 23-Apparel and Other Finished Textile Products Including Knit	
0161	Animals and animal products, not elsewhere classified	2311	Apparel and other finished textile products, including knit
0191	Miscellaneous farm products	Group 24-Lumber and Wood Products Except Furniture	
Group 08-Forest Products		2411	Logs
0841	Crude rubber and allied gums	2412	Rafted logs
0861	Forest products, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
Group 09-Fresh Fish and Other Marine Products		2414	Timber, posts, poles, piling, and other wood in the rough
0911	Fresh fish, except shellfish	2415	Pulpwood, log
0912	Shellfish, except prepared or preserved	2416	Wood chips, staves, moldings, and excelsior
0913	Menhaden	2421	Lumber
0931	Marine shells, unmanufactured	2431	Veneer, plywood, and other worked wood
Group 10-Metallic Ores		2491	Wood manufactures, not elsewhere classified
1011	Iron ore and concentrates	Group 25-Furniture and Fixtures	
1021	Copper ore and concentrates	2511	Furniture and fixtures
1051	Bauxite and other aluminum ores and concentrates	Group 26-Pulp, Paper and Allied Products	
1061	Manganese ores and concentrates	2611	Pulp
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2621	Standard newsprint paper
Group 11-Coal		2631	Paper and paperboard
1121	Coal and lignite	2691	Pulp, paper and paperboard products, not elsewhere classified
Group 13-Crude Petroleum		Group 27-Printed Matter	
1311	Crude petroleum	2711	Printed matter
Group 14-Nonmetallic Minerals, Except Fuels		Group 28-Chemicals and Allied Products	
1411	Limestone flux and calcareous stone	2810	Sodium hydroxide (caustic soda)
1412	Building stone, unworked	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
1442	Sand, gravel and crushed rock	2812	Dyes, organic pigment, dyeing and tanning materials
1451	Clay, ceramic and refractory materials	2813	Alcohols
1471	Phosphate rock	2816	Radioactive and associated materials, including wastes
1479	Natural fertilizer materials, not elsewhere classified	2817	Benzene and toluene, crude and commercially pure
1491	Salt	2818	Sulphuric acid
1492	Sulphur, dry	2819	Basic chemicals and basic chemical products, not elsewhere classified
1493	Sulphur, liquid	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
1494	Gypsum, crude and plasters	2822	Synthetic rubber
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2823	Synthetic (man-made) fiber
Group 19-Ordnance and Accessories		2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
1911	Ordnance and accessories	2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
Group 20-Food and Kindred Products		2851	Paints, varnishes, lacquers, enamels, and allied products
2011	Meat, fresh, chilled, or frozen	2861	Gum and wood chemicals
2012	Meat and meat products prepared or preserved, including canned meat products	2871	Nitrogenous chemical fertilizers, except mixtures
2014	Tallow, animal fats and oils	2872	Potassic chemical fertilizers, except mixtures
2015	Animal by-products, not elsewhere classified	2873	Phosphatic chemical fertilizers, except mixtures
2021	Dairy products, except dried milk and cream		
2022	Dried milk and cream		
2031	Fish and fish products, including shellfish, prepared or preserved		

X

Waterborne Commerce of the United States, 1986

Code No.	Item Name	Code No.	Item Name
	Group 28-Chemicals and Allied Products		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment
2876	Insecticides, fungicides, pesticides, and disinfectants	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
2879	Fertilizers and fertilizer materials, not elsewhere classified		Group 35-Machinery, Except Electrical
2891	Miscellaneous chemical products	3511	Machinery, except electrical
	Group 29-Petroleum and Coal Products		Group 36-Electrical Machinery, Equipment and Supplies
2911	Gasoline, including natural gasoline	3611	Electrical machinery equipment and supplies
2912	Jet fuel		Group 37-Transportation Equipment
2913	Kerosene	3711	Motor vehicles, parts and equipment
2914	Distillate fuel oil	3721	Aircraft and parts
2915	Residual fuel oil	3731	Ships and boats
2916	Lubricating oils and greases	3791	Miscellaneous transportation equipment
2917	Naphtha, mineral spirits, solvents, not elsewhere classified		Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks
2918	Asphalt, tar, and pitches	3811	Instruments, photographic and optical goods, watches and clocks
2920	Coke, including petroleum coke		Group 39-Miscellaneous Products of Manufacturing
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	3911	Miscellaneous products of manufacturing
2951	Asphalt building materials		Group 40-Waste and Scrap Materials
2991	Petroleum and coal products, not elsewhere classified	4011	Iron and steel scrap
	Group 30-Rubber and Miscellaneous Plastic Products	4012	Nonferrous metal scrap
3011	Rubber and miscellaneous plastic products	4022	Textile waste, scrap, and sweepings
	Group 31-Leather and Leather Products	4024	Paper waste and scrap
3111	Leather and leather products	4029	Waste and scrap, not elsewhere classified
	Group 32-Stone, Clay, Glass and Concrete Products		Group 41-Special Items
3211	Glass and glass products	4111	Water
3241	Building cement	4112	Miscellaneous shipments not identifiable by commodity
3251	Structural clay products, including refractories	4113	LCL freight
3271	Lime	4118	Materials used in waterway improvement, Government materials
3281	Cut stone and stone products	4119	Empty containers
3291	Miscellaneous nonmetallic mineral products	9999*	Department of Defense controlled cargo and special category items
	Group 33-Primary Metal Products		
3311	Pig iron		
3312	Slag		
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents		
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron		
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling		
3316	Iron and steel plates and sheets		
3317	Iron and steel pipe and tube		
3318	Ferroalloys		
3319	Primary iron and steel products, not elsewhere classified including castings in the rough		
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum		
3322	Copper and copper alloys, whether or not refined, unworked		
3323	Lead and zinc including alloys, unworked		
3324	Aluminum and aluminum alloys, unworked		

*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.

Waterborne Commerce of the United States, 1986

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MINN., TO THE MOUTH OF PADUEE, CALENDAR YEARS 1977-1986

YEAR	FOREIGN AND COASTWISE TRAFFIC					TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE					
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
SHORT TONS								
1977	96,020,422	59,620,562	9,720,794	19,905,140	185,282,910	211,400,297	396,771,216	
1978	98,574,312	67,252,688	10,332,003	17,404,530	197,563,541	215,502,119	413,065,660	
1979	85,850,980	73,255,062	12,780,791	20,274,910	211,050,640	218,000,920	430,170,679	
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	222,901,151	441,544,078	
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	223,275,410	446,382,354	
1982	56,708,090	80,756,368	14,659,479	20,047,301	192,171,238	215,027,410	407,198,648	
1983	32,320,125	95,763,623	10,317,757	20,782,583	167,184,088	224,951,345	392,135,433	
1984	34,074,866	85,856,052	19,444,201	16,790,329	156,956,777	240,389,289	397,346,066	
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	235,007,687	363,964,109	
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	266,346,276	599,943,843	
TON-MILES (000 OMITTED)								
1977	16,236,154	8,021,136	1,744,892	3,109,673	29,911,859	109,554,793	139,466,652	
1978	16,771,655	10,103,652	2,707,942	2,740,761	32,324,013	118,145,016	150,469,029	
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	120,669,620	155,009,558	
1980	15,135,784	12,965,425	3,550,956	3,786,062	35,438,232	133,294,646	168,732,878	
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	138,972,272	174,348,525	
1982	6,803,571	15,130,210	2,955,205	3,211,367	30,100,353	131,592,212	161,692,565	
1983	5,095,574	14,631,075	3,565,169	3,091,935	26,384,550	139,808,494	166,273,044	
1984	5,225,844	13,130,115	3,539,022	2,436,699	24,331,685	146,188,708	170,520,393	
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	135,360,480	158,489,955	
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	141,944,045	166,058,016	

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM, CALENDAR YEARS 1977-1986

YEAR	FOREIGN AND COASTWISE TRAFFIC					TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE					
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
SHORT TONS								
1977	96,020,422	59,620,562	9,720,794	19,905,140	185,282,910	351,543,917	536,826,836	
1978	98,574,312	67,252,688	10,332,003	17,404,530	197,563,541	355,364,514	552,928,055	
1979	85,850,980	73,255,062	12,780,791	20,274,910	211,050,640	370,737,973	581,818,613	
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	365,569,149	584,212,076	
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	362,930,042	580,036,986	
1982	56,708,090	80,756,368	14,659,479	20,047,301	192,171,238	347,474,116	539,645,354	
1983	32,320,125	95,763,623	10,317,757	20,782,583	167,184,088	351,953,271	519,137,359	
1984	34,074,866	85,856,052	19,444,201	16,790,329	156,956,777	388,568,087	543,324,866	
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	378,852,148	527,808,570	
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	402,801,874	556,399,441	
TON-MILES (000 OMITTED)								
1977	16,236,154	8,021,136	1,744,892	3,109,673	29,911,859	166,923,758	196,835,617	
1978	16,771,655	10,103,652	2,707,942	2,740,761	32,324,013	176,483,653	208,807,666	
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	184,436,341	218,776,279	
1980	15,135,784	12,965,425	3,550,956	3,786,062	35,438,232	193,492,234	228,930,466	
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	199,050,733	234,426,986	
1982	6,803,571	15,130,210	2,955,205	3,211,367	30,100,353	187,890,327	217,990,680	
1983	5,095,574	14,631,075	3,565,169	3,091,935	26,384,550	196,680,195	223,064,745	
1984	5,225,844	13,130,115	3,539,022	2,436,699	24,331,685	210,297,576	234,629,261	
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	201,584,645	224,714,120	
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	215,179,481	239,293,452	

* INCLUDED THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

SECTION 1
FREIGHT TRAFFIC

VICKSBURG, MS, DISTRICT

QUACHITA AND BLACK RIVERS, ARK. AND LA.

SECTION INCLUDED: FROM MOUTH OF BLACK RIVER TO CAMDEN, ARK. (336 MILES). CONTROLLING DEPTH: MINIMUM DEPTH 9 FEET MAINTAINED TO CAMDEN, ARK. DURING LOW WATER SEASON, COMMENSURABLY GREATER DEPTH AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	1,041,500	10,340	1982	600,235	23,612
1978	1,084,940	18,974	1983	640,930	31,320
1979	1,170,215	22,992	1984	760,891	26,050
1980	814,152	29,836	1985	690,460	30,674
1981	705,763	26,454	1986	791,700	33,260

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL				VIRGINIA	
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	791,702	373,905	204,820	2,400	7,200	210,377	5,000
0103 CORN	41,891		41,891				
0106 SORGHUM GRAINS	89,621		89,621				
0107 WHEAT	12,473		12,473				
0111 SOYBEANS	110,675		110,675				
1341 CRUDE PETROLEUM	7,660		7,660				
1451 LIMESTONE	6,000		6,000				
1498 SAND, GRAVEL, CRUSHED ROCK	170,198		170,198				
1499 NONMETALLIC MINERALS, NEC	1,400		1,400				
2011 LOSS	9,600			2,400	7,200		
2010 SODIUM HYDROXIDE	34,528	34,528					
2019 BASIC CHEMICALS AND PROD, NEC	22,500		22,500				
2071 NITROGENOUS CHEM FERTILIZERS	15,619	2,642				15,977	
2011 GASOLINE	222,400	15,000				207,400	5,000
2019 DISTILLATE FUEL OIL	180	180					
2015 RESIDUAL FUEL OIL	7,532	7,532					
3201 BUILDING CEMENT	8	8					
0110 WATERWAY IMPROVEMENT MAT	36,417	36,417					
TOTAL TON-MILES	78,402,862.						

MOUTH OF YAZOO RIVER, MISS. (INCLUDED IN TRAFFIC OF VICKSBURG, MISS.)

SECTION INCLUDED: FROM MISSISSIPPI RIVER TO JUNCTION OF OLD AND YAZOO RIVERS (9.3 MILES). CONTROLLING DEPTH: 9 FEET FROM MISSISSIPPI RIVER TO APPROXIMATELY MILE 2.5. (MILE 2.5 IS ENTRANCE POINT TO VICKSBURG HARBOR CHANNEL, MINIMUM DEPTH 9 FEET.) MILE 2.5 TO MILE 9.3 ABOUT 7 FEET DURING LOW WATER SEASON. COMMENSURABLY GREATER DEPTHS AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,940,184	1982	1,700,900
1978	1,571,978	1983	1,604,268
1979	1,539,344	1984	1,695,132
1980	1,581,789	1985	1,812,303
1981	1,259,928	1986	1,659,216

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
TOTAL	1,659,216	719,304	508,656	45,415	289,729
0103 CORN	57,842	42,922	14,920		
0104 OATS	27,857	27,857			
0105 RICE	7,440		7,440		
0107 WHEAT	16,511		13,725		2,786
0111 SOYBEANS	98,697	62,621	26,087		9,989
1121 COAL AND LIGNITE	1,454		1,454		
1442 SAND, GRAVEL, CRUSHED ROCK	16,071	13,206		2,865	
1499 GYPSUM, CRUDE AND PLASTERS	1,400			1,400	
2042 ANIMAL FEEDS	2,793	2,793			
2049 GRAIN MILL PRODUCTS, NEC	311,072	9,127	302,745		
2091 VEGETABLE OILS, MARG, SHORT	83,367		83,367		
2011 LOSS	150,350		150,350		
2015 PULPHOOD, LOG	1,304		1,304		
2631 PAPER AND PAPERBOARD	64,400		64,400		
2013 ALCOHOLS	3,347	3,347			
2071 NITROGENOUS CHEM FERTILIZERS	344,416	70,492			273,924
2072 POTASSIC CHEM FERTILIZERS	10,426	10,426			
2073 PHOSPHATIC CHEM FERTILIZERS	6,092	4,681		1,411	

Waterborne Commerce of the United States, 1986

MOUTH OF YAZOO RIVER, MISS.
(INCLUDED IN TRAFFIC OF VICKSBURG, MISS.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND
2079 FERTILIZER AND MATERIALS, NEC	31,198	6,492		24,706	
2911 GASOLINE	36,142	30,488	2,594		3,100
2914 DISTILLATE FUEL OIL	6,141	4,710	1,431		
2915 RESIDUAL FUEL OIL	46,391		46,391		
2916 LUBRICATING OILS AND GREASES	74,444	74,444			
2917 NAPHTHA, PETROLEUM SOLVENTS	18,470		18,470		
2918 ASPHALT, TAR, AND PITCHES	9,020	9,020			
3241 BUILDING CEMENT	56,332	56,332			
3271 LIME	79,873	76,311		1,562	
3314 IRON AND STEEL PRIMARY FORMS	2,494	2,494			
3315 IRON, STEEL SHAPES, EXC SHEET	31,177	29,777		1,400	
3316 IRON AND STEEL PLATES, SHEETS	4,294	4,294			
3319 IRON AND STEEL PRODUCTS, NEC	1,480	1,480			
4118 WATERWAY IMPROVEMENT MAT	39,655	7,674		31,981	
TOTAL TON-MILES,	7,321,924.				

YAZOO RIVER, MISS.

SECTION INCLUDED: FROM OLD RIVER TO MOUTH OF YALOBUSHA RIVER (161 MILES). CONTROLLING DEPTH: 4 FEET OR LESS DURING LOW WATER SEASON. CONSENSUABLY GREATER DEPTHS AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTHS: 9 FEET AUTHORIZED BUT NOT MAINTAINED, FROM OLD RIVER TO GREENWOOD (156 MILES).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	525,082	1982	488,149
1978	511,723	1983	369,370
1979	560,654	1984	482,305
1980	516,881	1985	443,572
1981	359,615	1986	355,214

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	355,214	65,415	289,799
0107 WHEAT	2,786		2,786
0111 SOYBEANS	9,989		9,989
1402 SAND, GRAVEL, CRUSHED ROCK	2,865	2,865	
1494 GYPSUM, CRUDE AND PLASTERS	1,490	1,490	
2071 NITROGENOUS CHEM FERTILIZERS	273,924		273,924
2075 PHOSPHATIC CHEM FERTILIZERS	1,411	1,411	
2079 FERTILIZER AND MATERIALS, NEC	24,706	24,706	
2911 GASOLINE	3,100		3,100
3271 LIME	1,562	1,562	
3315 IRON, STEEL SHAPES, EXC SHEET	1,400	1,400	
4118 WATERWAY IMPROVEMENT MAT	31,981	31,981	
TOTAL TON-MILES,	26,667,916.		

RED RIVER BELOW FULTON, ARK.

SECTION INCLUDED: MOUTH AT JUNCTION OF OLD AND ATCHAFALAYA RIVERS, LA., TO FULTON, ARK., 455.6 MILES. CONTROLLING DEPTH (MEAN LOW WATER): MOUTH OF RED RIVER TO MOUTH OF BLACK RIVER, MILE 34.2, 9 FEET; MOUTH OF BLACK RIVER TO ALEXANDRIA, LA., 6 FEET; TO SHREVEPORT, LA., LESS THAN 2 FEET; TO FULTON, ARK., LESS THAN 1 FOOT. PROJECT DEPTHS: 9 FEET TO MILE 34.2 (NONE ABOVE).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,494,432	1982	914,936
1978	1,753,885	1983	937,839
1979	1,798,974	1984	1,017,295
1980	1,735,418	1985	2,572,524
1981	1,439,698	1986	1,439,698

VICKSBURG, MS, DISTRICT

RED RIVER BELOW FULTON, ARK.--CONTINUED

FREIGHT TRAFFIC, 1966

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		INBOUND	NORTHBOUND SOUTHBOUND
TOTAL-----	2,747,436	1,965,334	492,202 289,820
0103 CORN-----	41,891		41,891
0106 SORGHUM GRAINS-----	89,621		89,621
0107 WHEAT-----	12,473		12,473
0111 SOYBEANS-----	110,675		110,675
1311 CRUDE PETROLEUM-----	7,660		7,660
1411 LIMESTONE-----	6,000		6,000
1442 SAND, GRAVEL, CRUSHED ROCK-----	182,749	12,551	170,198
1499 NONMETALLIC MINERALS, NEC-----	1,400		1,400
2810 SODIUM HYDROXIDE-----	34,528		34,528
2819 BASIC CHEMICALS AND PROD, NEC-----	22,500		22,500
2871 NITROGENOUS CHEM FERTILIZERS-----	18,619		18,619
2911 GASOLINE-----	222,400		217,400 5,000
2918 DISTILLATE FUEL OIL-----	180		180
2918 RESIDUAL FUEL OIL-----	7,532		7,532
3241 BUILDING CEMENT-----	8		8
3511 MACHINERY, EXCEPT ELECTRICAL-----	18	18	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4	4	
4118 WATERWAY IMPROVEMENT MAT-----	1,989,176	1,952,761	36,417
TOTAL TON-MILES, 182,976,598.			

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BIG SUNFLOWER RIVER, MISS,-----	NO COMMERCE REPORTED			
BOEUF RIVER, LA,-----	NO COMMERCE REPORTED			
LITTLE RIVER, LA,-----	2871 NITROGENOUS CHEM FERTILIZERS-----	15,977		
	2911 GASOLINE-----	207,400		
	TOTAL-----	223,377	22,311,077	
PEARL RIVER, MISS, AND LA,-----	NO COMMERCE REPORTED			
TENSAS RIVER AND BAYOU MACON, LA,-----	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1986

MEMPHIS, TN, DISTRICT

WHITE RIVER, ARK., BELOW BATESVILLE, ARK.

SECTION INCLUDED: JUNCTION WITH THE ARKANSAS POST CANAL, ARK., TO BATESVILLE, ARK., 285.5 MILES, CONTROLLING DEPTH: JUNCTION WITH ARKANSAS POST CANAL TO AUGUSTA, ARK., 198 MILES, 5 FEET; AUGUSTA, ARK., TO NEWPORT, ARK., 59 MILES, 4.5 FEET, PROJECT DEPTH: 5-FOOT CHANNEL; BELOW AUGUSTA, ARK., 4.5-FOOT CHANNEL FROM NEWPORT, ARK., TO AUGUSTA, ARK., BOTH AT LOW WATER, COMMENSURABLY GREATER DEPTH AVAILABLE AT HIGHER STAGES. PROJECT NOT FUNDED ABOVE NEWPORT, ARK.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	669,982	1982	659,821
1978	619,928	1983	519,800
1979	782,785	1984	667,987
1980	767,939	1985	652,673
1981	472,655	1986	504,092

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL	504,092	86,486	383,463	26,970	7,173
0185 RICE	1,234		1,234		
0186 BORGHUM GRAINS	37,053		37,053		
0187 WHEAT	152,108		149,865		2,223
0111 SOYBEANS	198,228	2,937	195,291		
1442 SAND, GRAVEL, CRUSHED ROCK	31,920			26,970	4,950
2871 NITROGENOUS CHEM FERTILIZERS	65,329	65,329			
2872 POTASSIC CHEM FERTILIZERS	12,618	12,618			
2873 PHOSPHATIC CHEM FERTILIZERS	1,430	1,430			
2879 FERTILIZER AND MATERIALS, NEC	4,172	4,172			
TOTAL TON-MILES, 70,393,746.					

WOLF RIVER, TENN. (INCLUDED IN TRAFFIC OF
PORT OF MEMPHIS, TENN.)

SECTION INCLUDED: MOUTH TO MILE 3. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET AT LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,174,613	1982	1,007,266
1978	1,309,456	1983	876,766
1979	1,401,134	1984	1,271,076
1980	1,142,222	1985	1,464,336
1981	1,014,879	1986	1,510,665

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	1,510,665	794,895	715,770
0103 CORN	188,477	172,303	16,174
0104 OATS	3,370	3,370	
0185 RICE	6,194		6,194
0186 BORGHUM GRAINS	59,524		59,524
0187 WHEAT	156,841		156,841
0111 SOYBEANS	240,349	72,629	167,720
1121 COAL AND LIGNITE	25,325	25,325	
2882 ANIMAL FEEDS	67,984		67,984
2849 GRAIN MILL PRODUCTS, NEC	205,006		205,006
2862 MOLASSES	14,530	14,530	
2891 VEGETABLE OILS, HARD, SHORT	110,694	74,367	36,327
2810 SODIUM HYDROXIDE	14,172	14,172	
3241 BUILDING CEMENT	414,899	414,899	
3314 IRON AND STEEL PRIMARY FORMS	1,400	1,400	
3315 IRON, STEEL SHAPES, EXC SHEET	500	500	
3319 IRON AND STEEL PRODUCTS, NEC	1,400	1,400	
TOTAL TON-MILES, 3,857,076.			

MEMPHIS, TN, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT ST. FRANCES AND L' ANGUILE RIVERS AND BLACKFISH BAYOU, ARK.	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1986

ST. LOUIS, MO, DISTRICT

KASKASKIA RIVER, ILL.

SECTION INCLUDED: MOUTH AT MISSISSIPPI RIVER TO MILE 36.2 AT PAYETTEVILLE, ILL. CONTROLLING AND PROJECT DEPTHS: 9 FEET. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,286,808	1982	3,186,393
1978	1,832,961	1983	2,503,093
1979	1,723,453	1984	3,179,275
1980	2,045,875	1985	2,924,906
1981	2,704,632	1986	3,902,135

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	3,902,135	567,450	3,334,685
0103 CORN	30,306		30,306
0104 SORGHUM GRAINS	3,006		3,006
0107 WHEAT	9,209		9,209
0111 SOYBEANS	70,804		70,804
1121 COAL AND LIGNITE	3,201,333		3,201,333
3274 LIME	20,027		20,027
4118 WATERWAY IMPROVEMENT MAT	567,450	567,450	
TOTAL TON-MILES, 101,000,124.			

PORT OF METROPOLITAN ST. LOUIS *

SECTION INCLUDED: BOTH BANKS OF MISSISSIPPI RIVER FROM MILE 130.8 THROUGH MILE 200.8 ABOVE OHIO RIVER JUNCTION. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS
1977	22,478,309	1,014,838
1978	22,425,157	1,126,957
1979	21,644,333	507,207
1980	24,528,760	307,794
1981	22,666,356	161,886
1982	22,398,160	321,557
1983	22,657,947	360,791
1984	26,976,685	372,645
1985	26,620,294	683,862
1986	20,003,141	615,628

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	20,003,141	7,185,420	18,628,062	2,189,659
0103 CORN	1,404,052	19,703	1,381,349	3,000
0104 OATS	10,224	10,224		
0106 SORGHUM GRAINS	338,745		338,745	
0107 WHEAT	838,680	63,219	753,513	21,956
0111 SOYBEANS	1,517,655	3,159	1,512,852	1,644
0931 MARINE SHELLS, UNMANUFACTURED	4,493	4,493		
1011 IRON ORE AND CONCENTRATES	4,316	1,428	2,888	
1021 COPPER ORE AND CONCENTRATES	83,367		83,367	
1061 MANGANESE ORES, CONCENTRATED	11,891	2,621	9,070	
1091 NONFERROUS ORES, CONCENT, NEC	54,720	50,591	4,129	
1121 COAL AND LIGNITE	6,078,616	1,414,568	5,121,087	342,961
1354 CRUDE PETROLEUM	338,244	159,505	175,042	3,597
1411 LIMESTONE	49,430		49,430	
1492 SAND, GRAVEL, CRUSHED ROCK	1,386,094	148,539	120,900	1,094,575
1494 CLAY	6,872		6,872	
1499 NATURAL FERTILIZER MATS, NEC	1,496	1,496		
1499 GYPSUM, CRUDE AND PLASTER	29,190	29,190		
1499 NONMETALLIC MINERALS, NEC	313,721	228,310	85,411	
2001 WHEAT FLOUR AND SEMOLINA	6,852		6,852	
2002 ANIMAL FEEDS	1,448,269	4,809	1,437,466	
2009 GRAIN MILL PRODUCTS, NEC	1,331,432	5,692	1,325,740	
2001 SUGAR	32,400	32,400		
2002 MELASSES	35,390	35,390		
2001 VEGETABLE OILS, MARG, SHORT	102,666	36,983	155,683	

ST. LOUIS, MO, DISTRICT

PORT OF METROPOLITAN ST. LOUIS ---CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
2211 BASIC TEXTILE PRODUCTS-----	2,127	2,127		
2631 PAPER AND PAPERBOARD-----	2,476	2,476		
2810 SODIUM HYDROXIDE-----	233,862	229,360	4,502	
2811 CRUDE TAR, OILY GAS PRODUCTS-----	9,976	9,976		
2813 ALCOHOLS-----	223,822	41,237	182,185	
2817 BENZENE AND TOLUENE-----	181,611	24,690	114,425	42,496
2818 SULPHURIC ACID-----	78,384	13,084	65,270	
2819 BASIC CHEMICALS AND PROD, NEC-----	217,485	201,573	15,912	
2871 NITROGENOUS CHEM FERTILIZERS-----	516,299	335,521	180,778	
2872 POTASSIC CHEM FERTILIZERS-----	499,086	27,668	463,849	7,569
2873 PHOSPHATIC CHEM FERTILIZERS-----	42,165	39,656	2,509	
2879 FERTILIZER AND MATERIALS, NEC-----	132,891	119,191	13,700	
2891 MISCELLANEOUS CHEMICAL PROD-----	2,899	2,899		
2911 BABOLINE-----	2,008,441	784,111	1,105,219	119,111
2912 JET FUEL-----	77,332	71,358	5,978	
2913 KEROSENE-----	25,935	18,479	7,456	
2914 DISTILLATE FUEL OIL-----	1,048,475	269,838	679,779	98,858
2915 RESIDUAL FUEL OIL-----	1,362,644	283,069	898,768	121,007
2916 LUBRICATING OILS AND GREASES-----	415,489	400,442	15,047	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	139,767	123,423	16,344	
2918 ASPHALT, TAR, AND PITCHES-----	1,056,426	153,156	814,718	98,552
2920 COKE, PETROLEUM COKE-----	321,483	141,939	179,546	
2921 LIQUEFIED GASES-----	7,798	7,798		
2991 PETROLEUM AND COAL PROD, NEC-----	3,546		3,546	
3241 BUILDING CEMENT-----	1,651,307	665,315	745,877	240,205
3251 STRUCTURAL CLAY PRODUCTS-----	1,539	1,539		
3311 PIG IRON-----	8,482	8,482		
3312 SLAG-----	127,699	78,772	48,927	
3314 IRON AND STEEL PRIMARY FORMS-----	94,161	87,732	5,675	754
3315 IRON, STEEL SHAPES, EXC SHEET-----	138,197	69,160	69,037	
3316 IRON AND STEEL PLATES, SHEETS-----	138,718	49,384	89,414	
3317 IRON AND STEEL PIPE AND TUBE-----	9,858	9,858		
3318 FERROALLOYS-----	23,121	20,989	755	1,374
3319 IRON AND STEEL PRODUCTS, NEC-----	31,104	26,405	4,699	
3321 NONFERROUS METALS, NEC-----	2,030	1,353	677	
3322 COPPER ALLOYS, UNWORKED-----	31,026	31,026		
3323 LEAD AND ZINC, UNWORKED-----	34,684	34,684		
3411 FABRICATED METAL PRODUCTS-----	90			
3511 MACHINERY, EXCEPT ELECTRICAL-----	10,937	9,349	1,588	
4011 IRON AND STEEL SCRAP-----	379,111	275,401	103,710	
4012 NONFERROUS METAL SCRAP-----	9,430		9,430	
4029 WASTE AND SCRAP, NEC-----	7,399		7,399	
4110 WATERWAY IMPROVEMENT MAT-----	269,950	266,760	1,250	

FOR WATERBORNE COMMERCE STATISTICS TABLES RELATING TO THE MISSISSIPPI RIVER AND THE PORT OF METROPOLITAN ST. LOUIS, SEE INDEX.

Waterways Commerce of the United States, 1986

ST. PAUL, MN, DISTRICT

BLACK RIVER, MINN.

SECTION INCLUDED: MOUTH TO 1.4 MILES UPSTREAM. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET. NAVIGATION SEASON: 21 MARCH TO 9 DECEMBER 1986.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	279,650	1982	173,201
1978	280,948	1983	186,850
1979	175,143	1984	297,827
1980	185,498	1985	273,807
1981	295,166	1986	290,157

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	290,157	266,232	23,925
9103 CORN	6,257		6,257
9111 SOYBEANS	4,528		4,528
1121 COAL AND LIGNITE	15,746	15,746	
1499 NONMETALLIC MINERALS, NEC	28,090	28,090	
2062 MOLASSES	2,825	2,825	
2010 SODIUM HYDROXIDE	25,602	25,602	
2071 NITROGENOUS CHEM FERTILIZERS	18,110	18,110	
2911 GASOLINE	84,669	84,669	
2912 DISTILLATE FUEL OIL	44,635	44,635	
2918 ASPHALT, TAR, AND PITCHES	56,324	44,528	11,800
3311 PIG IRON	1,295	1,295	
4011 IRON AND STEEL SCRAP	2,076	740	1,336
TOTAL TON-MILES	392,877		

MINNESOTA RIVER, MINN.

SECTION INCLUDED: MOUTH TO SHAKOPEE, MINN., MILE 25.6. CONTROLLING DEPTH: 9 FEET. MOUTH TO SAVAGE, MINN., MILE 14.7. LOCAL INTERESTS MAINTAIN 9-FOOT CHANNEL FOR RESTRICTED MOUTH FROM MILE 14.7 TO MILE 21.6 NEAR SHAKOPEE, MINN. PROJECT DEPTH: 9 FEET. MOUTH TO SAVAGE 6 FEET. SAVAGE TO SHAKOPEE. NAVIGATION SEASON: 23 MARCH TO 5 DECEMBER 1986.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,407,201	1982	3,821,640
1978	2,978,867	1983	4,860,220
1979	1,198,886	1984	4,711,272
1980	2,713,844	1985	3,719,171
1981	2,594,806	1986	2,972,401

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	2,972,401	653,200	2,319,201
0102 BARLEY AND RYE	1,470		1,470
0103 CORN	826,346	2,884	823,462
0104 OATS	2,587		2,587
0105 WHEAT	1,400		1,400
0107 WHEAT	673,477		673,477
0111 SOYBEANS	741,832	1,520	740,312
1121 COAL AND LIGNITE	49,036	49,036	
1411 LIMESTONE	7,653	7,653	
1499 NONMETALLIC MINERALS, NEC	137,951	137,951	
2062 ANIMAL FEEDS	24,580		24,580
2049 GRAIN MILL PRODUCTS, NEC	41,917		41,917
2062 MOLASSES	2,721	2,721	
2091 VEGETABLE OILS, HARD, SHORT	4,145		4,145
2431 VENEER, PLYWOOD, WORKED WOOD	1,450	1,450	
2071 NITROGENOUS CHEM FERTILIZERS	135,631	135,631	
2072 POTASSIC CHEM FERTILIZERS	1,431	1,431	
2073 PHOSPHATIC CHEM FERTILIZERS	16,958	16,958	
2079 FERTILIZER AND MATERIALS, NEC	236,271	236,271	
2918 ASPHALT, TAR, AND PITCHES	38,510	29,659	5,851
3241 BUILDING CEMENT	16,000	16,000	
3317 IRON AND STEEL PIPE AND TUBE	18,027	18,027	
TOTAL TON-MILES	41,930,810		

ST. PAUL, MN, DISTRICT

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ST. CROIX RIVER, WIS. AND MINN.	1121 COAL AND LIGNITE	228,113		
	2873 PHOSPHATIC CHEM FERTILIZERS	1,338		
	2879 FERTILIZER AND MATERIALS, NEC	18,226		
	TOTAL	230,177	5,277,420	

Waterborne Commerce of the United States, 1986

LITTLE ROCK, AR, DISTRICT

MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM
(CONSOLIDATED REPORT)

SECTION INCLUDED: MAIN STEM OF NAVIGATION SYSTEM INCLUDES LOWER 10 MILES OF WHITE RIVER; ARKANSAS POST CANAL; ARKANSAS RIVER BETWEEN ARKANSAS POST CANAL AND MUSKOGEE, OKLA.) AND VERDIGRIS RIVER BETWEEN MUSKOGEE, OKLA. AND CATOOSA, OKLA.) (445 MILES). TRIBUTARIES INCLUDE THE LOWER 3 MILES OF LAKE LANGHOFER, LOWER 2 MILES OF POTEAU RIVER AND THE LOWER 10 MILES OF SANS BOIS CREEK (17 MILES). CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	9,145,956	1982	7,823,220
1978	9,851,932	1983	7,567,906
1979	8,411,173	1984	8,521,310
1980	8,461,411	1985	7,725,468
1981	7,674,431	1986	8,395,856

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	8,395,856	2,168,596	3,016,034	1,112,447	1,564,772	124,250	369,757
0102 BARLEY AND RYE	1,505	1,505					
0103 CORN	60,157	37,639	22,518				
0104 OATS	4,239	4,239					
0105 RICE	245,615	300	244,001				1,234
0106 SORGHUM GRAINS	112,067	8,939	63,225	2,023	1,400		35,672
0107 WHEAT	622,020		473,783				148,237
0111 SOYBEANS	538,845	32,122	311,432				195,291
1011 IRON ORE AND CONCENTRATES	6,411	6,411					
1054 ALUMINUM ORES, CONCENTRATES	2,848	1,510	1,338				
1061 MANGANESE ORES, CONCENTRATES	4,910	4,910					
1091 NONFERROUS ORES, CONCENT, NEC	35,554	35,554					
1121 COAL AND LIGNITE	647,750	55,030	592,720				
1411 LUMBER	4,395	4,395					
1442 SAND, GRAVEL, CRUSHED ROCK	2,377,179	39,294	10,701	1,090,569	1,428,535		
1454 CLAY	29,471		29,471				
1471 PHOSPHATE ROCK	2,847	2,847					
1499 NONMETALLIC MINERALS, NEC	24,556	22,956	1,600				
2002 ANIMAL FEEDS	78,031	52,593	25,438				
2049 BRAIN HILL PRODUCTS, NEC	58,417		58,417				
2062 MOLASSES	38,751	31,726				7,025	
2091 VEGETABLE OILS, MARG, SHORT	11,677		11,677				
2211 BASIC TEXTILE PRODUCTS	303	303					
2411 LOGS	6,474		6,474				
2434 VENEER, PLYWOOD, WORKED WOOD	5,591		5,591				
2431 STANDARD NEWSPRINT PAPER	5,865	5,865					
2451 PAPER AND PAPERBOARD	8,363	2,024	6,339				
2491 PULP AND PAPER PRODUCTS, NEC	44,306		44,306				
2810 SODIUM HYDROXIDE	162,082	162,082					
2813 ALCOHOLS	18,051	18,051					
2817 BENZENE AND TOLUENE	6,297	6,297					
2819 BASIC CHEMICALS AND PROD, NEC	271,015	74,597	136,086			60,332	
2871 NITROGENOUS CHEM FERTILIZERS	747,259	369,968	313,625		6,536	48,071	6,259
2872 POTASSIC CHEM FERTILIZERS	39,529	39,529					
2873 PHOSPHATIC CHEM FERTILIZERS	20,072						
2879 FERTILIZER AND MATERIALS, NEC	323,680	318,109	1,407			4,172	
2911 GASOLINE	83,700	73,000	10,700				
2912 JET FUEL	72,708	72,708					
2918 RESIDUAL FUEL OIL	203,025	61,328	124,309	5,796	11,592		
2916 LUBRICATING OILS AND GREASES	55,684		52,620				3,064
2917 NAPHTHA, PETROLEUM SOLVENTS	930	930					
2918 ASPHALT, TAR, AND PITCHES	103,866	68,106	35,560				
2980 COKE, PETROLEUM COKE	323,865	22,884	299,567	1,414			
3013 RUBBER AND RESIN PLASTIC PROD	50	50					
3015 GLASS AND GLASS PRODUCTS	5,466	2,580	2,886				
3043 BUILDING CEMENT	45,963	22,759	23,204				
3291 NISC NONMETALLIC MINERAL PROD	1,407	1,407					
3314 PIG IRON	5,430	5,430					
3312 SLAG	7,482	2,674	4,808				
3316 IRON AND STEEL PRIMARY FORMS	74,882	72,617	1,985				
3318 IRON, STEEL SHAPES, EXC SHEET	132,707	132,707					
3316 IRON AND STEEL PLATES, SHEETS	107,906	107,696			210		
3317 IRON AND STEEL PIPE AND TUBE	30,845	30,845					
3318 FERROALLOYS	1,954	1,954					
3319 IRON AND STEEL PRODUCTS, NEC	24,620	20,020	3,200	1,400			
3323 LEAD AND ZINC, UNWORKED	15,502	7,120	8,382				
3324 ALUMINUM AND ALLOYS, UNWORKED	76,949	76,539	410				
3415 FABRICATED METAL PRODUCTS	571	571					
3611 MACHINERY, EXCEPT ELECTRICAL	4,370	804	3,566				
3711 MOTOR VEHICLES, PARTS, EQUIP	1,400		1,400				
4011 IRON AND STEEL SCRAP	112,725	38,194	78,681			1,850	
4111 WATER	57	57					
4110 WATERWAY IMPROVEMENT MAT	136,930			2,445	134,485		
TOTAL TON-MILES	1,545,066,206						

LITTLE ROCK, AR, DISTRICT

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BLACK RIVER, ARK. AND MO,-----	NO COMMERCE REPORTED			
UPPER WHITE RIVER, ARK,-----	1492 SAND, GRAVEL, CRUSHED ROCK-----	10,900	32,700	-----

Waterborne Commerce of the United States, 1986

ROCK ISLAND, IL, DISTRICT

ILLINOIS RIVER, ILL.

SECTION INCLUDED: MOUTH OF ILLINOIS RIVER, BRADFORD, ILLINOIS, TO LOCKPORT, ILLINOIS, 291.9 MILES. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	40,036,496	1982	39,471,055
1978	37,251,157	1983	41,020,849
1979	35,150,250	1984	37,085,576
1980	41,703,337	1985	36,534,770
1981	39,764,349	1986	39,991,394

* PASSENGERS--60,496.

FREIGHT TRAFFIC, 1986

COASTWISE

(SHORT TONS)

COMMODITY	DOMESTIC COASTWISE SHIPMENTS
TOTAL	270
3511 MACHINERY, EXCEPT ELECTRICAL	270
TON-MILES, COASTWISE, 46,690.	

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND	OUTBOUND	THROUGH	DOWNBOUND	INBOUND	OUTBOUND	THROUGH
			UPBOUND	UPBOUND	UPBOUND		DOWNBOUND	DOWNBOUND	DOWNBOUND
TOTAL	39,991,124	66,652	7,110,419	4,910,991	6,910,279	520,293	403,160	16,055,314	3,973,814
0103 CORN	8,678,712	4,730	1,603	5,320		74,748	14,963	8,227,197	350,143
0104 OATS	15,724				7,477				8,247
0106 SORGHUM GRAINS	62,971	11,052	11,620					39,499	
0107 WHEAT	252,240				1,570			121,614	129,048
0111 SOYBEANS	4,779,406							4,280,976	481,430
0901 CRUDE RUBBER AND ALLIED GUMS	2,830				2,830				
0931 MARINE SHELLS, UNMANUFACTURED	11,894				11,894				
1011 IRON ORE AND CONCENTRATES	61,073		1,715		59,358				
1051 ALUMINUM ORES, CONCENTRATES	2,964				2,964				
1061 MANGANESE ORES, CONCENTRATES	22,256				21,445				811
1091 NONFERROUS ORES, CONCENT, NEC	9,637				9,637				
1121 COAL AND LIGNITE	7,545,850		2,854,400	3,469,220	1,204,740		10,900	1,617	4,285
1311 CRUDE PETROLEUM	149,229								149,229
1411 LimestONE	24,170		8,430		15,240				
1442 SAND, GRAVEL, CRUSHED ROCK	1,259,346	1,200	13,691	935,550	29,036		240,300	38,085	1,482
1451 CLAY	1,409				1,409				
1471 PHOSPHATE ROCK	1,502		1,502						
1479 NATURAL FERTILIZER MATS, NEC	4,903		4,903						
1494 GYPSUM, CRUDE AND PLASTER	20,483		20,483						
1499 NONMETALLIC MINERALS, NEC	875,872		290,446		583,978				1,448
2010 FALLOW, ANIMAL FATB AND OILS	56,945							1,357,596	56,945
2042 ANIMAL FEEDS	1,390,335		20,399					400,537	4,340
2049 GRAIN MILL PRODUCTS, NEC	404,000		1,600						1,663
2061 SUGAR	75,766				75,766				
2062 MOLASSES	62,818		11,819		50,795				
2091 VEGETABLE OILS, MARG, SHORT	32,959		19,500		8,362		700	2,722	1,675
2415 PULPHOOD, LOG	1,384				1,384				
2421 LUMBER	10,449				8,225				2,224
2431 VENEER, PLYWOOD, WORKED WOOD	11,087				11,087				
2611 PULP	1,328				1,328				
2621 STANDARD NEWSPRINT PAPER	934				934				
2631 PAPER AND PAPERBOARD	19,120				19,120				
2810 SODIUM HYDROXIDE	570,400				555,172			6,923	8,305
2811 CRUDE TAR, OIL, GAS PRODUCTS	203,444		78,691		33,602		10,848	6,834	73,469
2813 ALCOHOLS	778,033	7,454	30,580	69,304	353,225	67,823		246,803	2,844
2817 BENZENE AND TOLUENE	97,406		30,580		50,900			8,160	18,346
2818 SULPHURIC ACID	1,597								1,597
2819 BASIC CHEMICALS AND PROD, NEC	1,527,054		1,093,308	13,086	367,274		13,956	12,906	26,444
2821 PLASTIC MATERIALS	1,827				1,827				
2871 NITROGENOUS CHEM FERTILIZERS	608,502	2,207	397,903	30,448	163,624	27,579		43,594	23,147
2872 POTASSIC CHEM FERTILIZERS	199,764	17,752	177,541		1,478			2,993	
2873 PHOSPHATIC CHEM FERTILIZERS	76,099	1,072	58,758	1,801	16,468				
2879 FERTILIZER AND MATERIALS, NEC	860,291	1,605	821,376		28,495	5,072		664	3,079
2901 MISCELLANEOUS CHEMICAL PROD	87,392				58,550				28,842
2911 GASOLINE	790,160		221,772	1,887	83,376	218,369	5,600	142,766	116,390
2912 JET FUEL	18,094		8,486				2,389	3,219	
2913 KEROSENE	54,799		8,927		26,893			18,979	
2914 DISTILLATE FUEL OIL	682,143		202,186	123,931	13,980	84,790	5,576	180,147	67,533
2915 RESIDUAL FUEL OIL	1,129,442		423,228	30,164	274,109	6,450		191,041	204,450
2916 LUBRICATING OILS AND GREASES	342,277		2,769		263,401				76,107
2917 NAPHTHA, PETROLEUM SOLVENTS	182,280		51,129		90,713			1,345	39,093
2918 ASPHALT, TAR, AND PITCHES	685,750		130,433	1,420	211,156	1,160		5,234	336,339
2920 COKE, PETROLEUM COKE	1,550,832	18,972		225,914	235,164	30,302	17,938	492,501	532,041
2991 PETROLEUM AND COAL PROD, NEC	3,000				1,400				1,600
3241 BUILDING CEMENT	572,888				572,701				187

ROCK ISLAND, R. DISTRICT

ILLINOIS RIVER, ILL.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 INTERNAL--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
3271 LIME-----	119,753		45,350		62,344				12,059
3281 CUT STONE AND STONE PRODUCTS--	7,600				7,600				
3311 PIG IRON-----	50,276				46,831				1,445
3312 SLAG-----	294,729			3,538	237,136		16,445		17,608
3314 IRON AND STEEL PRIMARY FORMS--	350,506		18,462		226,208		1,400	4,823	97,613
3315 IRON, STEEL SHAPES, EXC SHEET--	676,665		19,777		369,097		18,088	135,022	134,681
3316 IRON AND STEEL PLATES, SHEETS--	161,700		1,300		49,423		3,894	3,169	103,834
3317 IRON AND STEEL PIPE AND TUBE--	57,553		8,118		47,835		1,600		
3318 FERROALLOYS-----	164,724				151,812			1,412	11,500
3319 IRON AND STEEL PRODUCTS, NEC--	117,921		1,414		47,118		20,444	3,117	45,828
3321 NONFERROUS METALS, NEC-----	9,204				9,204				
3323 LEAD AND ZINC, UNWORKED-----	16,716				16,716				
3324 ALUMINUM AND ALLOYS, UNWORKED--	21,137				21,137				
3411 FABRICATED METAL PRODUCTS-----	34,812		81		34,731				
3511 MACHINERY, EXCEPT ELECTRICAL--	27,353		2,596		8,444			16,313	
3711 MOTOR VEHICLES, PARTS, EQUIP--	3,506				2,491			817	
3731 SHIPS AND BOATS-----	16								16
4011 IRON AND STEEL SCRAP-----	909,039		24,313	1,400	36,117		58,039	39,355	749,815
4012 NONFERROUS METAL SCRAP-----	1,567								1,567
4029 WASTE AND SCRAP, NEC-----	22,001							9,334	12,667
4111 WATER-----	1,200								1,200
4118 WATERWAY IMPROVEMENT MAT-----	15,150		15,150						

TON-MILES, INTERNAL, 8,087,707,836.

TONS, ALL TRAFFIC, 30,991,394.

TON-MILES, ALL TRAFFIC, 8,087,853,726.

Waterborne Commerce of the United States, 1986

MISSOURI RIVER DIVISION

MISSOURI RIVER, FORT BENTON, MONT., TO THE MOUTH
(CONSOLIDATED REPORT)

SECTION INCLUDED: FORT BENTON, MONT., TO THE MOUTH OF THE MISSOURI RIVER, 2073.2 MILES. CONTROLLING DEPTH: FOR CONTROLLING DEPTH, AND PROJECT DEPTH, SEE INDIVIDUAL STRETCHES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL					COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL			
1977--	6,409,349	325,501	-----	6,734,850	134,494	1982--	4,770,392	110,135	-----	4,880,527	126,716
1978--	7,014,561	914,623	-----	7,929,184	166,749	1983--	5,103,515	498,784	-----	5,602,299	117,690
1979--	7,121,954	562,784	-----	7,684,738	128,417	1984--	6,063,742	322,463	-----	6,386,205	90,366
1980--	5,624,510	290,265	-----	5,914,775	124,671	1985--	5,999,833	472,385	-----	6,471,418	335,710
1981--	5,066,156	165,796	-----	5,251,952	133,674	1986--	6,505,805	484,973	-----	6,990,778	342,749

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH UPBOUND
		INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	6,990,778	1,227,730	933,612	2,866,872	1,955,916	4,648
0103 CORN-----	33,368	-----	33,368	-----	-----	-----
0106 SORGHUM GRAINS-----	37,742	-----	37,742	-----	-----	-----
0107 WHEAT-----	275,362	-----	275,362	-----	-----	-----
0111 SOYBEANS-----	186,566	-----	186,566	-----	-----	-----
0151 ANIMALS AND PRODUCTS, NEC-----	27,434	-----	27,434	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	3,827	-----	3,827	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATED-----	2,227	-----	2,227	-----	-----	-----
1121 COAL AND LIGNITE-----	7,184	-----	7,184	-----	-----	-----
1411 LIMESTONE-----	5,026	-----	5,026	-----	-----	-----
1482 SAND, GRAVEL, CRUSHED ROCK-----	4,161,906	-----	14,400	2,598,744	1,547,470	-----
1483 CLAY-----	2,705	-----	-----	2,705	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	51,332	35,809	-----	-----	15,523	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	33,790	-----	33,790	-----	-----	-----
2042 ANIMAL FEEDS-----	102,958	4,985	177,973	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	43,458	-----	43,458	-----	-----	-----
2062 MOLASSES-----	68,857	68,857	-----	-----	-----	-----
2091 VEGETABLE OILS, VARS, SHORT-----	19,667	-----	15,569	-----	4,298	-----
2092 ANIMAL OILS AND FATS, NEC-----	1,276	1,276	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	1,405	1,405	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	8,287	4,727	-----	-----	-----	3,520
2631 PAPER AND PAPERBOARD-----	2,256	1,128	-----	-----	-----	1,128
2610 SODIUM HYDROXIDE-----	21,381	21,381	-----	-----	-----	-----
2613 ALCOHOLS-----	24,444	24,444	-----	-----	-----	-----
2619 BASIC CHEMICALS AND PROD, NEC-----	11,527	-----	-----	-----	-----	-----
2671 NITROGENOUS CHEM FERTILIZERS-----	235,341	149,661	25,984	16,241	43,455	-----
2672 POTASSIC CHEM FERTILIZERS-----	11,586	11,586	-----	-----	-----	-----
2673 PHOSPHATIC CHEM FERTILIZERS-----	59,456	59,456	-----	-----	-----	-----
2679 FERTILIZER AND MATERIALS, NEC-----	329,690	329,690	-----	-----	-----	-----
2910 ASPHALT, TAR, AND PITCHES-----	246,842	246,842	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	86,397	86,397	-----	-----	-----	-----
3241 BUILDING CEMENT-----	238,537	67,142	60,016	106,239	5,140	-----
3314 IRON AND STEEL PRIMARY FORMS-----	37,720	37,720	100	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC SHEET-----	2,843	2,843	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	15,281	15,281	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	512	512	-----	-----	-----	-----
3318 FERROALLOYS-----	6,103	6,103	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	3,675	3,675	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,202	1,202	-----	-----	-----	-----
3531 MACHINERY, EXCEPT ELECTRICAL-----	1,400	-----	1,400	-----	-----	-----
3731 SHIPS AND BOATS-----	450	-----	450	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	14,625	14,625	-----	-----	-----	-----
4110 WATERWAY IMPROVEMENT MAT-----	484,973	-----	-----	144,943	340,030	-----
TOTAL TON-MILES, 1,044,290,572.						

MISSOURI RIVER, KANSAS CITY TO THE MOUTH (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)

SECTION INCLUDED: UPPER END OF QUINDARO BEND (NEAR KANSAS CITY) TO MOUTH, 374.8 MILES (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET, PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL					COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL			
1977--	6,158,099	253,918	-----	6,412,017	41,976	1982--	4,584,958	97,682	-----	4,682,640	55,436
1978--	6,733,187	728,763	-----	7,461,950	51,894	1983--	4,896,435	248,834	-----	5,145,269	56,542
1979--	6,718,941	426,134	-----	7,145,075	37,116	1984--	5,759,827	234,305	-----	5,994,132	69,768
1980--	5,279,966	269,715	-----	5,549,681	33,971	1985--	5,671,116	292,146	-----	5,963,262	203,928
1981--	4,883,296	128,992	-----	5,012,288	40,412	1986--	6,258,924	298,917	-----	6,557,841	249,134

MISSOURI RIVER DIVISION

MISSOURI RIVER, KANSAS CITY TO THE MOUTH (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

FREIGHT TRAFFIC, 1966

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL							
		INBOUND		OUTBOUND		UPBOUND		DOWNBOUND	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	6,557,841	706,897	20,401	106,239	435,875	2,652,401	1,617,458	520,833	497,737
0103 CORN	33,368				17,381				15,987
0106 SORGHUM GRAINS	37,742				16,856				20,886
0107 WHEAT	275,362				198,786				80,576
0111 SOYBEANS	106,566				76,252				110,314
0161 ANIMALS AND PRODUCTS, NEC	27,434				11,357				16,077
0931 MARINE SHELLS, UNMANUFACTURED	3,827							3,827	
1061 MANGANESE ORES, CONCENTRATES	2,227	2,227							
1121 COAL AND LIGNITE	7,184	7,184							
1411 LIMESTONE	5,026	2,620						2,406	
1442 SAND, GRAVEL, CRUSHED ROCK	3,963,266	1,292			14,400	2,598,744	1,348,630		
1451 CLAY	2,705					2,705			
1499 NONMETALLIC MINERALS, NEC	51,332	5,498					15,523	30,311	
2014 TALLOW, ANIMAL FATS AND OILS	33,790								33,790
2042 ANIMAL FEEDS	182,958				20,066			4,985	157,927
2049 GRAIN MILL PRODUCTS, NEC	43,458								43,458
2062 MOLASSES	68,857	12,005						56,852	
2091 VEGETABLE OILS, MARG, SHORT	15,549								15,549
2092 ANIMAL OILS AND FATS, NEC	1,276							1,276	
2211 BASIC TEXTILE PRODUCTS	1,405	499							706
2621 STANDARD NEWSPRINT PAPER	4,727							4,727	
2631 PAPER AND PAPERBOARD	1,120							1,120	
2810 SODIUM HYDROXIDE	21,381	21,381							
2813 ALCOHOLS	24,464	1,885						22,559	
2819 BASIC CHEMICALS AND PROD, NEC	11,527	7,913						3,614	
2871 VITROGENOUS CHEM FERTILIZERS	198,046	84,391	20,401		22,831			65,271	3,133
2872 POTASSIC CHEM FERTILIZERS	11,586	11,586							
2873 PHOSPHATIC CHEM FERTILIZERS	59,456	19,885						39,571	
2879 FERTILIZER AND MATERIALS, NEC	329,690	136,496						193,194	
2918 ASPHALT, TAR, AND PITCHES	246,842	198,510						48,332	
2920 COKE, PETROLEUM COKE	86,397	86,397							
3241 BUILDING CEMENT	238,537	67,142		106,239	60,016		5,140		
3314 IRON AND STEEL PRIMARY FORMS	37,720	13,430			100			24,190	
3315 IRON, STEEL SHAPES, EXC SHEET	2,843							2,843	
3316 IRON AND STEEL PLATES, SHEETS	15,281	5,716						9,565	
3317 IRON AND STEEL PIPE AND TUBE	512							512	
3318 FERROALLOYS	6,103	2,340						3,763	
3319 IRON AND STEEL PRODUCTS, NEC	3,675	3,675							
3321 NONFERROUS METALS, NEC	1,202							1,202	
3511 MACHINERY, EXCEPT ELECTRICAL	1,400				1,400				
3731 SHIPS AND BOATS	450				450				
4011 IRON AND STEEL SCRAP	14,625	14,625							
4118 WATERWAY IMPROVEMENT MAT	298,917					50,932	247,965		
TOTAL TON-MILES	770,048,743.								

MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)

SECTION INCLUDED: MILE 627, OMAHA, NEBR., TO MILE 374.8, UPPER END OF QUINDARO BEND (NEAR KANSAS CITY), 252.2 MILES (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL			COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL	
1977	2,275,844	70,853	2,346,697	80,598	1982	1,777,262	8,650	1,785,912	74,126
1978	2,294,048	127,662	2,421,710	94,946	1983	1,464,298	249,950	1,914,248	61,148
1979	2,475,795	109,700	2,585,495	68,551	1984	2,084,075	73,766	2,157,841	29,600
1980	2,066,721	1,139	2,067,860	70,700	1985	1,752,676	168,619	1,921,295	131,782
1981	1,621,120	66,854	1,687,974	73,264	1986	1,387,443	132,606	1,520,049	93,701

FREIGHT TRAFFIC, 1966

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL							
		INBOUND		OUTBOUND		UPBOUND		DOWNBOUND	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	1,520,049	439,986	4,298	21,691	339,917	58,741	290,309	187,166	178,221
0103 CORN	15,987				15,987				
0106 SORGHUM GRAINS	20,886				20,886				
0107 WHEAT	80,576				75,122				5,454
0111 SOYBEANS	110,314				110,314				
0161 ANIMALS AND PRODUCTS, NEC	16,077								16,077
0931 MARINE SHELLS, UNMANUFACTURED	3,827							3,827	
1411 LIMESTONE	2,406	2,406							
1442 SAND, GRAVEL, CRUSHED ROCK	198,600						198,600		

Waterborne Commerce of the United States, 1986

MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL						
		INBOUND		OUTBOUND		THROUGH		
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
1499 NONMETALLIC MINERALS, NEC-----	30,311	20,979					1,332	
2014 TALLOW, ANIMAL FATS AND OILS----	33,790			6,540				27,250
2042 ANIMAL FEEDS-----	162,912	4,985		64,175				93,752
2049 BRAIN MILL PRODUCTS, NEC-----	43,450			9,601				33,857
2062 NOLASSES-----	56,852	36,637					20,615	
2091 VEGETABLE OILS, HARG, SHORT-----	19,867		4,290	3,030				12,531
2092 ANIMAL OILS AND FATS, NEC-----	1,276						1,276	
2211 BASIC TEXTILE PRODUCTS-----	766	766						
2621 STANDARD NEWSPRINT PAPER-----	4,727	4,727						
2631 PAPER AND PAPERBOARD-----	1,120	1,120						
2813 ALCOHOLS-----	22,959	22,959						
2819 BASIC CHEMICALS AND PROD, NEC----	3,614	3,614						
2871 NITROGENOUS CHEM FERTILIZERS-----	120,119	42,920		16,241	18,177	23,054	22,350	5,377
2873 PHOSPHATIC CHEM FERTILIZERS-----	39,571	23,453					16,118	
2879 FERTILIZER AND MATERIALS, NEC----	193,194	105,907					87,287	
2910 ASPHALT, TAR, AND PITCHES-----	48,332	30,381					17,951	
3241 BUILDING CEMENT-----	106,239	106,239						
3314 IRON AND STEEL PRIMARY FORMS-----	24,100	15,587					8,643	
3345 IRON, STEEL SHAPES, ETC SHEET-----	2,843	2,843						
3316 IRON AND STEEL PLATES, SHEETS-----	9,565	6,463					2,602	
3317 IRON AND STEEL PIPE AND TUBE-----		512						
3310 FERROALLOYS-----	3,763						3,763	
3321 NONFERROUS METALS, NEC-----	1,202						1,202	
4110 WATERWAY IMPROVEMENT MAT-----	132,606			5,250		58,741	68,615	
TOTAL TON-MILES, 239,575,444.								

MISSOURI RIVER, SIOUX CITY TO OMAHA (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)

SECTION INCLUDED: MILE 734.0, SIOUX CITY, IOWA, TO MILE 627, OMAHA, NEBR., 107.0 MILES (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL			COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL	
1977-----	524,076	730	524,806	12,062	1982-----	369,861	11,400	381,261	
1978-----	559,440	69,916	619,456	20,561	1983-----	453,239		453,239	
1979-----	528,237	23,000	551,237	9,133	1984-----	527,843	24,500	551,543	
1980-----	379,324	24,550	394,874		1985-----	446,054	17,750	464,604	
1981-----	347,942	55,694	403,546		1986-----	402,376	34,300	436,676	

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND		OUTBOUND		
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	436,676	208,657	5,250	182,519	23,600	16,450
0187 WHEAT-----	5,454			5,454		
0931 MARINE SHELLS, UNMANUFACTURED-----	3,827	3,827				
1499 NONMETALLIC MINERALS, NEC-----	1,332	1,332				
2014 TALLOW, ANIMAL FATS AND OILS----	27,250			27,250		
2042 ANIMAL FEEDS-----	93,752			93,752		
2049 BRAIN MILL PRODUCTS, NEC-----	33,857			33,857		
2062 NOLASSES-----	20,815	20,815				
2091 VEGETABLE OILS, HARG, SHORT-----	16,829			16,829		
2092 ANIMAL OILS AND FATS, NEC-----	1,276			1,276		
2871 NITROGENOUS CHEM FERTILIZERS-----	43,968	38,591		5,377		
2873 PHOSPHATIC CHEM FERTILIZERS-----	16,118	16,118				
2879 FERTILIZER AND MATERIALS, NEC----	87,287	87,287				
2910 ASPHALT, TAR, AND PITCHES-----	17,951	17,951				
3314 IRON AND STEEL PRIMARY FORMS-----	8,643			8,643		
3316 IRON AND STEEL PLATES, SHEETS-----	2,602			2,602		
3310 FERROALLOYS-----	3,763			3,763		
3321 NONFERROUS METALS, NEC-----	1,202			1,202		
4110 WATERWAY IMPROVEMENT MAT-----	50,750	5,250	5,250		23,600	16,450
TOTAL TON-MILES, 34,977,035.						

MISSOURI RIVER DIVISION

PORT OF KANSAS CITY (INCLUDED IN TRAFFIC OF MISSOURI RIVER, KANSAS CITY TO THE MOUTH)

SECTION INCLUDED: MISSOURI RIVER, MILE 374.0 TO MILE 353.0 (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,955,025	1982	1,336,623
1978	2,274,466	1983	1,527,464
1979	1,902,840	1984	1,778,123
1980	1,681,651	1985	2,033,668
1981	1,658,631	1986	2,982,340

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	2,582,340	505,643	540,097	1,516,600
0100 SORGHUM GRAINS	16,856		16,856	
0107 WHEAT	193,367		193,367	
0111 SOYBEANS	5,681		5,681	
0161 ANIMALS AND PRODUCTS, NEC	11,357		11,357	
1061 MANGANESE ORES, CONCENTRATES	2,227	2,227		
1121 COAL AND LIGNITE	7,184	7,184		
1411 LIMESTONE	2,620	2,620		
1442 SAND, GRAVEL, CRUSHED ROCK	1,516,600			1,516,600
1451 CLAY	2,705	2,705		
1499 NONMETALLIC MINERALS, NEC	18,246	2,723	15,523	
2042 ANIMAL FEEDS	17,627		17,627	
2211 BASIC TEXTILE PRODUCTS	699	699		
2810 SODIUM HYDROXIDE	21,381	21,381		
2813 ALCOHOLS	1,885	1,885		
2819 BASIC CHEMICALS AND PROD, NEC	7,913	7,913		
2871 NITROGENOUS CHEM FERTILIZERS	54,724	31,893	22,831	
2872 POTASSIC CHEM FERTILIZERS	2,979	2,979		
2873 PHOSPHATIC CHEM FERTILIZERS	9,969	9,969		
2879 FERTILIZER AND MATERIALS, NEC	87,785	87,785		
2918 ASPHALT, TAR, AND PITCHES	198,510	198,510		
2920 COKE, PETROLEUM COKE	86,397	86,397		
3241 BUILDING CEMENT	168,825		168,825	
3314 IRON AND STEEL PRIMARY FORMS	13,530	13,430	100	
3316 IRON AND STEEL PLATES, SHEETS	4,703	4,703		
3318 FERROALLOYS	2,340	2,340		
3319 IRON AND STEEL PRODUCTS, NEC	3,675	3,675		
3731 SHIPS AND BOATS	450		450	
4011 IRON AND STEEL SCRAP	14,625	14,625		
4110 WATERWAY IMPROVEMENT MAT	187,480		187,480	

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
NONPROJECT				
MISSOURI RIVER, FORT BENTON, MONT., TO SIOUX CITY, IOWA (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)	4110 WATERWAY IMPROVEMENT MAT	13,200	97,350	

Waterborne Commerce of the United States, 1986

NASHVILLE, TN, DISTRICT

CUMBERLAND RIVER, MOUTH TO MILE 552
(CONSOLIDATED REPORT)

SECTION INCLUDED: MOUTH TO MILE 552. FOR CONTROLLING AND PROJECT DEPTHS, SEE INDIVIDUAL STRETCHES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	12,761,169	114,168	1982	11,393,161	179,394
1978	12,396,898	116,506	1983	11,475,102	194,036
1979	15,162,575	105,864	1984	14,116,586	166,123
1980	12,348,920	137,372	1985	14,205,811	245,143
1981	10,441,004	164,742	1986	22,682,877	569,740

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	22,682,877	11,821,471	4,129,202	55,560	4,796	5,045,179	1,826,669
0103 CORN	695,074		30,303			650,895	13,876
0104 OATS	14,344					14,344	
0106 BROOM CORN	17,945		11,824				6,121
0107 WHEAT	478,877		17,699			449,876	11,302
0111 SOYBEANS	476,826		92,328			382,798	1,500
0161 ANIMALS AND PRODUCTS, NEC	2,982					2,982	
1011 IRON ORE AND CONCENTRATES	22,591					20,974	1,617
1061 MANGANESE ORES, CONCENTRATES	2,569	1,460	1,109				
1091 NONFERROUS ORES, CONCENT, NEC	113,258	91,719				11,172	10,367
1121 COAL AND LIGNITE	10,587,361	7,366,462	9,112		4,796	2,418,832	788,159
1311 CRUDE PETROLEUM	2,800		2,800				
1411 LIMESTONE	79,069		8,518				70,551
1471 PHOSPHATE ROCK	26,248		26,248				
1494 GYPSUM, CRUDE AND PLASTERS	23,218					23,218	
1499 NONMETALLIC MINERALS, NEC	4,616,997	2,370,084	1,750,198			204,916	211,799
2042 ANIMAL FEEDS	155,735					38,303	117,432
2049 GRAIN MILL PRODUCTS, NEC	44,715					3,123	41,592
2061 SUGAR	9,862	9,862					
2091 VEGETABLE OILS, MARG, SHORT	71,351					10,040	61,311
2491 FOOD MANUFACTURES, NEC	325	325					
2621 STANDARD NEWSPRINT PAPER	25,178					1,003	24,175
2631 PAPER AND PAPERBOARD	2,024						2,024
2610 SODIUM HYDROXIDE	70,829					25,011	45,818
2811 CRUDE TAR, OIL, GAS PRODUCTS	58,273					52,657	5,616
2813 ALCOHOLS	31,814	30,257				1,557	
2818 SULPHURIC ACID	39,475	7,554	31,921				
2819 BASIC CHEMICALS AND PROD, NEC	380,383	226,282	2,294			141,565	10,242
2871 NITROGENOUS CHEM FERTILIZERS	101,348	52,153				15,189	34,006
2872 POTASSIC CHEM FERTILIZERS	45,739	24,157	1,515			20,067	
2873 PHOSPHATIC CHEM FERTILIZERS	1,519	1,519					
2879 FERTILIZER AND MATERIALS, NEC	39,738	27,843				10,396	1,499
2891 MISCELLANEOUS CHEMICAL PROD	18,637					8,737	9,900
2911 GASOLINE	146,194	103,794				42,400	
2914 DISTILLATE FUEL OIL	89,935	84,125				5,810	
2915 RESIDUAL FUEL OIL	110,290	28,915	1,498			79,877	
2916 LUBRICATING OILS AND GREASES	9,774	2,577				7,197	
2917 NAPHTHA, PETROLEUM SOLVENTS	35,170						35,170
2918 ASPHALT, TAR, AND PITCHES	451,952	375,421		6,504		70,027	
2920 COKE, PETROLEUM COKE	119,424	5,812	1,579			106,193	5,840
3201 BUILDING CEMENT	703,987	661,737				42,250	
3271 LIME	1,455						1,455
3311 PIG IRON	1,600					1,600	
3312 BLAG	13,210		1,476			1,457	10,277
3314 IRON AND STEEL PRIMARY FORMS	95,260	63,391	1,448			28,961	1,440
3315 IRON, STEEL SHAPES, EXC SHEET	204,096	169,602				33,150	1,346
3316 IRON AND STEEL PLATES, SHEETS	106,890	91,477	1,427			11,072	2,914
3317 IRON AND STEEL PIPE AND TUBE	13,298	919					12,379
3318 FERROALLOYS	43,388	5,322	18,200			4,388	15,478
3319 IRON AND STEEL PRODUCTS, NEC	23,879	17,177				6,702	
3323 LEAD AND ZINC, UNWORKED	1,280					1,280	
3324 ALUMINUM AND ALLOYS, UNWORKED	9,468					9,468	
3511 MACHINERY, EXCEPT ELECTRICAL	4,567	1,525	1,356			1,686	
3611 ELECTRICAL MACH AND EQUIP	800		800				
4011 IRON AND STEEL SCRAP	191,605		169,634	1,400		4,006	16,765
4012 NONFERROUS METAL SCRAP	4,524		4,524				
4110 WATERWAY IMPROVEMENT MAT	2,243,725		1,941,391	47,656			254,678
TOTAL TON-MILES	1,732,781,875						

NASHVILLE, TN, DISTRICT

CUMBERLAND RIVER, MOUTH TO NASHVILLE, TENN. (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)

SECTION INCLUDED: MOUTH TO NASHVILLE, TENN., 194 MILES. CONTROLLING DEPTH: AT LEAST 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	12,756,429	114,168	1982	11,393,161	176,394
1978	12,396,898	116,506	1983	11,475,102	169,324
1979	15,162,573	103,864	1984	14,023,863	140,611
1980	12,348,920	137,372	1985	14,060,311	200,333
1981	10,441,004	164,742	1986	22,996,731	396,132

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND	OUTBOUND	UPBOUND	THROUGH	
					UPBOUND	DOWNBOUND
TOTAL	22,996,731	11,266,631	4,169,546	7,904	5,718,669	1,833,981
0103 CORN	695,074		30,303		650,895	13,876
0104 OATS	14,344				14,344	
0106 BORRHUM GRAINS	17,985		11,824			6,121
0107 WHEAT	478,877		17,899		449,876	11,302
0111 SOYBEANS	476,624		92,328		382,798	1,500
0191 ANIMALS AND PRODUCTS, NEC	2,982				2,982	
1011 IRON ORE AND CONCENTRATES	22,591				20,974	1,617
1091 MANGANESE ORES, CONCENTRATES	2,589	1,460	1,109			
1091 NONFERROUS ORES, CONCENT, NEC	113,258	91,719			11,172	10,367
1131 COAL AND LIGNITE	10,701,215	7,164,630	9,112		2,739,314	788,159
1311 CRUDE PETROLEUM	2,800					2,800
1411 LIMESTONE	79,869		7,100			71,969
1471 PHOSPHATE ROCK	26,248		26,248			
1494 GYPSUM, CRUDE AND PLASTERS	23,218				23,218	
1499 NONMETALLIC MINERALS, NEC	4,616,997	2,259,584	1,750,198		395,416	211,799
2042 ANIMAL FEEDS	155,735				38,303	117,432
2049 BRAIN MILL PRODUCTS, NEC	48,715				3,123	41,592
2061 SUGAR	9,862	9,862				
2091 VEGETABLE OILS, MARG, SHORT	71,351				10,040	61,311
2491 FOOD MANUFACTURES, NEC	325	325				
2621 STANDARD NEWSPRINT PAPER	25,178				1,003	24,175
2631 PAPER AND PAPERBOARD	2,024					2,024
2810 SODIUM HYDROXIDE	70,829				25,011	45,818
2811 CRUDE TAR, OIL, GAS PRODUCTS	58,273				52,657	5,616
2813 ALCOHOLS	31,814	12,564			19,250	
2818 SULPHURIC ACID	39,475	7,554	31,921			
2819 BASIC CHEMICALS AND PROD, NEC	380,363	2,987			364,860	12,536
2871 NITROGENOUS CHEM FERTILIZERS	101,348	52,153			15,189	34,006
2872 POTASSIC CHEM FERTILIZERS	45,739	24,157	1,515		20,067	
2873 PHOSPHATIC CHEM FERTILIZERS	1,519	1,519				
2879 FERTILIZER AND MATERIALS, NEC	39,738	27,843			10,396	1,499
2891 MISCELLANEOUS CHEMICAL PROD	18,637				8,737	9,900
2911 GASOLINE	146,194	103,794			42,400	
2914 DISTILLATE FUEL OIL	89,935	82,605			7,330	
2915 RESIDUAL FUEL OIL	110,290	28,915	1,498		79,877	
2916 LUBRICATING OILS AND GREASES	9,774	2,577			7,197	
2917 NAPHTHA, PETROLEUM SOLVENTS	35,170					35,170
2918 ASPHALT, TAR, AND PITCHES	451,952	375,421		6,504	70,027	
2920 COKE, PETROLEUM COKE	119,424	5,812	1,579		106,193	5,840
3201 BUILDING CEMENT	703,987	661,737			42,250	
3271 LIME	1,455					1,455
3311 PIG IRON	1,600				1,600	
3312 SLAG	13,210		1,476		1,457	10,277
3314 IRON AND STEEL PRIMARY FORMS	95,260	63,391	1,448		28,961	1,460
3315 IRON, STEEL SHAPES, EXC SHEET	204,098	169,602			33,150	1,346
3316 IRON AND STEEL PLATES, SHEETS	106,890	91,477	1,427		11,072	2,914
3317 IRON AND STEEL PIPE AND TUBE	13,298	919				12,379
3318 FERROALLOYS	43,388	5,322	18,200		4,388	15,476
3319 IRON AND STEEL PRODUCTS, NEC	23,879	17,177			6,702	
3323 LEAD AND ZINC, UNWORKED	1,280				1,280	
3324 ALUMINUM AND ALLOYS, UNWORKED	9,468				9,468	
3511 MACHINERY, EXCEPT ELECTRICAL	4,567	1,525	1,356		1,686	
3611 ELECTRICAL MACH AND EQUIP	800					800
4011 IRON AND STEEL SCRAP	191,805		169,634	1,400	4,006	16,765
4012 NONFERROUS METAL SCRAP	4,524		4,524			
4118 WATERWAY IMPROVEMENT MAT	2,243,725		1,989,047			254,678
TOTAL TON-MILES	1,710,445,887.					

Waterborne Commerce of the United States, 1986

CUMBERLAND RIVER, NASHVILLE, TENN., TO MILE 552 (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)

SECTION INCLUDED: CUMBERLAND RIVER, NASHVILLE, TENN., MILE 194 TO MILE 552. CONTROLLING DEPTH: 9 FEET, MILE 194 TO CELINA, TENN., MILE 381; 1 FOOT THEREFROM TO WOLF CREEK DAM, MILE 460.9; 9 FEET ABOVE WOLF CREEK DAM TO THE MOUTH OF LAUREL RIVER, MILE 552. PROJECT DEPTH: 9 FEET, MILE 194 TO CELINA, TENN., MILE 381, PRESENT HEAD OF THROUGH NAVIGATION.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	368,667	1982	247,295
1978	550,936	1983	358,638
1979	267,812	1984	372,163
1980	271,206	1985	457,724
1981	351,733	1986	614,604

* PASSENGERS--568,159.

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	DOWNBOUND
TOTAL	614,604	602,496	7,312	4,796
1121 COAL AND LIGNITE	206,628	201,832		4,796
1311 CRUDE PETROLEUM	2,800		2,800	
1411 LIMESTONE	1,418		1,418	
1499 NONMETALLIC MINERALS, NEC	110,500	110,500		
2013 ALCOHOLS	17,693	17,693		
2819 BASIC CHEMICALS AND PROD, NEC	225,589	223,295	2,294	
2914 DISTILLATE FUEL OIL	1,520	1,520		
3611 ELECTRICAL MACH AND EQUIP	800		800	
4110 WATERWAY IMPROVEMENT MAT	47,656	47,656		
TOTAL TON-MILES,	22,335,988.			

PORT OF NASHVILLE, TENN. (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, TENN. AND KY.)

SECTION INCLUDED: BOTH BANKS OF CUMBERLAND RIVER, MILE 182 TO MILE 194. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,332,947	1982	1,844,803
1978	2,871,392	1983	2,522,731
1979	2,671,506	1984	2,165,373
1980	1,747,668	1985	3,704,616
1981	2,041,289	1986	3,734,447

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	3,734,447	3,493,812	240,635
1061 MANGANESE ORES, CONCENTRATES	2,569	1,460	1,109
1121 COAL AND LIGNITE	9,112		9,112
1499 NONMETALLIC MINERALS, NEC	2,032,288	2,032,288	
2011 SUGAR	9,862	9,862	
2013 ALCOHOLS	12,564	12,564	
2819 SULPHURIC ACID	7,550	7,550	
2819 BASIC CHEMICALS AND PROD, NEC	1,486	1,486	
2871 NITROGENOUS CHEM FERTILIZERS	18,174	18,174	
2872 POTASSIC CHEM FERTILIZERS	1,661	1,661	
2879 FERTILIZER AND MATERIALS, NEC	3,037	3,037	
2911 GASOLINE	103,794	103,794	
2914 DISTILLATE FUEL OIL	82,605	82,605	
2915 RESIDUAL FUEL OIL	10,417	8,919	1,498
2916 LUBRICATING OILS AND GREASES	2,577	2,577	
2918 ASPHALT, TAR, AND BITUMENS	256,437	256,437	
2920 COKE, PETROLEUM COKE	7,391	5,812	1,579
3241 BUILDING CEMENT	661,737	661,737	
3314 IRON AND STEEL PRIMARY FORMS	41,729	41,729	
3315 IRON, STEEL SHAPES, EXC SHEET	155,694	155,694	
3316 IRON AND STEEL PLATES, SHEETS	70,507	69,160	1,427
3317 IRON AND STEEL PIPE AND TUBE	414	414	
3318 FERROALLOYS	22,122	5,322	16,800
3319 IRON AND STEEL PRODUCTS, NEC	10,126	10,126	
4011 IRON AND STEEL SCRAP	162,854	1,400	161,454
4110 WATERWAY IMPROVEMENT MAT	47,656		47,656

NASHVILLE, TN, DISTRICT

TENNESSEE RIVER, TENN., ALA., AND KY.

SECTION INCLUDED: MOUTH TO KNOXVILLE, TENN. (HEAD OF RIVER), 652.2 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	26,883,240	42,872	1982	25,513,442	515,074
1978	31,434,492	57,218	1983	27,988,185	14,108
1979	31,398,039	17,750	1984	33,204,943	9,454
1980	29,396,552	17,918	1985	36,482,648	87,733
1981	26,004,615	47,114	1986	39,592,766	161,312

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND DOWNBOUND	
TOTAL	39,592,766	380	13,314,966	7,896,641	7,503,384	1,783,026	6,272,864	821,505
0103 CORN	1,637,343		1,453,016	39,746	107,868	5,912	12,415	18,586
0104 OATS	39,704		39,704					
0106 SORGHUM GRAINS	134,568		13,193	94,880	20,661			5,834
0107 WHEAT	899,713		839,031	32,559	20,381	3,275		4,467
0111 SOYBEANS	901,445		669,492	66,225	111,600			54,128
0161 ANIMALS AND PRODUCTS, NEC	2,982		2,982					
1011 IRON ORE AND CONCENTRATES	73,136		34,095	37,641				1,400
1051 ALUMINUM ORES, CONCENTRATES	2,845		2,845					
1061 MANGANESE ORES, CONCENTRATES	57,896		6,533	48,754	1,500			1,109
1091 NONFERROUS ORES, CONCENT, NEC	293,651		170,393	7,669				115,589
1121 COAL AND LIGNITE	21,456,827		7,509,846	2,692,437	5,719,097	909,219	4,329,515	216,613
1411 LIMESTONE	1,007,325		1,418	399,410	593,997		12,500	
1442 SAND, GRAVEL, CRUSHED ROCK	3,042,797		107,670	1,382,459	712,579		751,019	11,753
1451 CLAY	15,140		3,400	9,500			2,240	
1499 GYPSUM, CRUDE AND PLASTERS	51,757		51,757					
1499 NONMETALLIC MINERALS, NEC	865,291		393,849	37,268			434,154	
2014 TALLOW, ANIMAL FATS AND OILS	7,156				7,156			
2042 ANIMAL FEEDS	441,689		92,988	343,617			1,503	3,581
2049 GRAIN MILL PRODUCTS, NEC	276,156		5,697	262,363	1,419		6,677	
2061 SUGAR	6,137						6,137	
2091 VEGETABLE OILS, MARG, SHORT	143,271		20,414	91,331	31,526			
2411 LOGS	122,393			77,688				44,705
2414 TIMBER, POSTS, POLES, PILING	750		750					
2415 PULPMOOD, LOG	2,940					2,940		
2416 WOOD CHIPS, STAVES, MOLDINGS	381,742			364,714			12,753	4,275
2421 LUMBER	11,241		2,224	970				8,047
2491 WOOD MANUFACTURES, NEC	325			325				
2611 PULP	1,588				1,188	400		
2621 STANDARD NEWSPRINT PAPER	51,041							51,041
2631 PAPER AND PAPERBOARD	87,322				80,973	100		6,249
2691 PULP AND PAPER PRODUCTS, NEC	6,568				6,568			
2810 SODIUM HYDROXIDE	402,604		193,868	127,572	23,490	4,184		53,488
2811 CRUDE TAR, OIL, GAS PRODUCTS	117,949		99,484	18,465				
2813 ALCOHOLS	22,055		1,400				20,655	
2818 SULPHURIC ACID	73,250		59,048			5,430		7,554
2819 BASIC CHEMICALS AND PROD, NEC	962,373		763,312	51,937	902		138,523	7,699
2822 SYNTHETIC RUBBER	668					668		
2861 GUM AND WOOD CHEMICALS	1,471				373	1,098		
2871 NITROGENOUS CHEM FERTILIZERS	274,831		70,079	159,863	1,510		43,379	
2872 POTASSIC CHEM FERTILIZERS	135,282		112,824				20,943	1,515
2873 PHOSPHATIC CHEM FERTILIZERS	6,161		3,154	1,488			1,519	
2879 FERTILIZER AND MATERIALS, NEC	122,714		86,013	12,001			24,700	
2891 MISCELLANEOUS CHEMICAL PROD	95,777		70,807	2,160		18,360		4,350
2911 GASOLINE	570,285		474,162	12,930			88,080	3,113
2912 JET FUEL	1,371		1,371					
2913 KEROSENE	1,371		1,371					
2914 DISTILLATE FUEL OIL	459,179		297,995	4,052	33,600	48,600	74,932	
2915 RESIDUAL FUEL OIL	348,270		324,724	4,532	2,019	7,195	8,376	1,422
2916 LUBRICATING OILS AND GREASES	35,513		34,340				1,123	
2917 NAPHTHA, PETROLEUM SOLVENTS	110,349		5,853	104,496				
2918 ASPHALT, TAR, AND BITUMENS	459,279		254,943	4,070	20,793		179,513	
2920 COKE, PETROLEUM COKE	291,916		252,280	23,057			15,734	845
2921 LIQUEFIED GASES	31,563		18,225	13,338				
3241 BUILDING CEMENT	732,979		249,052				483,927	
3271 LIME	12,147			7,539				4,608
3311 PIG IRON	1,600		1,600					
3312 SLAG	27,991		3,156	24,435				
3314 IRON AND STEEL PRIMARY FORMS	274,366		197,327	32,354			44,685	
3315 IRON, STEEL SHAPES, EXC SHEET	272,760		118,274	5,307			149,179	
3316 IRON AND STEEL PLATES, SHEETS	125,342		50,643	3,594			67,678	1,427
3317 IRON AND STEEL PIPE AND TUBE	27,352		1,418	23,588			919	1,427
3318 FERROALLOYS	94,238		14,982	60,301	2,809		3,922	12,304
3319 IRON AND STEEL PRODUCTS, NEC	20,172		15,936	1,368			10,868	
3321 NONFERROUS METALS, NEC	1,202			1,202				
3323 LEAD AND ZINC, UNWORKED	6,896		6,896					
3324 ALUMINUM AND ALLOYS, UNWORKED	30,520		19,544	10,956				
3411 FABRICATED METAL PRODUCTS	299	30	269					
3511 MACHINERY, EXCEPT ELECTRICAL	9,473	350	2,924	1,650	865	1,184	900	1,600
3611 ELECTRICAL MACH AND EQUIP	930		800		110	20		
3711 MOTOR VEHICLES, PARTS, EQUIP	300				200	100		
3791 MISC TRANSPORTATION EQUIPMENT	575		75		200	300		
4011 IRON AND STEEL SCRAP	190,764		6,121	73,764			1,400	109,479
4029 WASTE AND SCRAP, NEC	1,400		1,400					
4118 WATERWAY IMPROVEMENT MAT	1,190,783			1,117,066			12,064	69,653

TOTAL TON-MILES, 6,692,208,452.

Waterborne Commerce of the United States, 1986

BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS

SECTION INCLUDED: CANAL CONNECTING BARKLEY RESERVOIR AND KENTUCKY RESERVOIR, 1.75 MILES. CONTROLLING DEPTH: AT LEAST 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	4,749,632	1982	2,791,661
1978	5,701,847	1983	3,418,879
1979	4,613,817	1984	4,679,818
1980	3,332,538	1985	6,764,013
1981	2,222,132	1986	12,600,081

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		EASTBOUND	WESTBOUND
TOTAL	12,600,081	7,324,086	5,275,995
0103 CORN	683,357	13,076	669,881
0104 OATS	14,344		14,344
0106 SOYBEAN GRAINS	11,938	6,121	5,814
0107 WHEAT	465,649	11,302	454,343
0111 SOYBEANS	438,426	1,500	436,926
0161 ANIMALS AND PRODUCTS, NEC	2,982		2,982
1011 IRON ORE AND CONCENTRATES	22,591	1,617	20,974
1061 MANGANESE ORES, CONCENTRATES	1,109		1,109
1091 NONFERROUS ORES, CONCENTRATES	113,258	102,086	11,172
1121 COAL AND LIGNITE	7,278,993	4,748,649	2,530,344
1411 LIMESTONE	71,964	70,551	1,410
1442 SAND, GRAVEL, CRUSHED ROCK	395,613	298,795	97,018
1494 GYPSUM, CRUDE AND PLASTERS	23,218		23,218
1499 NONMETALLIC MINERALS, NEC	232,263	38,550	193,713
2042 ANIMAL FEEDS	155,735	117,432	38,303
2049 BRAIN MILL PRODUCTS, NEC	44,715	41,592	3,123
2061 SUGAR	6,137		6,137
2091 VEGETABLE OILS, MARG, SHORT	71,351	61,311	10,040
2491 FOOD MANUFACTURES, NEC	325		325
2623 STANDARD MEMBRANE PAPER	25,178	25,178	
2631 PAPER AND PAPERBOARD	2,024		2,024
2819 SODIUM HYDROXIDE	70,829	45,818	25,011
2811 CRUDE TAR, OILY GAS PRODUCTS	58,273	5,616	52,657
2813 ALCOHOLS	19,667	17,510	1,957
2816 SULPHURIC ACID	38,048	7,554	30,494
2819 BASIC CHEMICALS AND PROD, NEC	296,548	152,641	143,899
2871 NITROGENOUS CHEM FERTILIZERS	91,063	75,874	15,189
2872 POTASSIC CHEM FERTILIZERS	41,120	19,538	21,582
2873 PHOSPHATIC CHEM FERTILIZERS	1,519		1,519
2879 FERTILIZER AND MATERIALS, NEC	35,096	24,700	10,396
2891 MISCELLANEOUS CHEMICAL PROD	18,637	9,900	8,737
2911 GASOLINE	138,480	68,080	42,400
2914 DISTILLATE FUEL OIL	88,742	74,932	9,810
2915 RESIDUAL FUEL OIL	88,253	8,376	79,877
2916 LUBRICATING OILS AND GREASES	6,328	1,123	7,197
2917 NAPHTHA, PETROLEUM SOLVENTS	35,178	35,178	
2918 ASPHALT, TAR, AND BITUMENS	237,005	166,978	70,027
2920 COKE, PETROLEUM COKE	118,698	11,652	107,046
3261 BUILDING CEMENT	526,177	483,927	42,250
3271 LIME	1,455		1,455
3311 PIG IRON	1,600		1,600
3312 SLAB	11,734	10,277	1,457
3314 IRON AND STEEL PRIMARY FORMS	71,186	42,225	28,961
3315 IRON, STEEL SHAPES, EXC SHEET	142,592	111,330	31,262
3316 IRON AND STEEL PLATES, SHEETS	79,295	66,796	12,499
3317 IRON AND STEEL PIPE AND TUBE	13,298		13,298
3318 FERROALLOYS	34,124	19,400	14,726
3319 IRON AND STEEL PRODUCTS, NEC	16,178	9,468	6,702
3323 LEAD AND ZINC, UNWORKED	1,280		1,280
3324 ALUMINUM AND ALLOYS, UNWORKED	9,468		9,468
3511 MACHINERY, EXCEPT ELECTRICAL	2,986	400	2,586
3611 ELECTRICAL MACH AND EQUIP	800		800
4011 IRON AND STEEL SCRAP	130,250	16,765	113,485
4118 WATERWAY IMPROVEMENT MAT	327,432	254,676	72,754
TOTAL TON-MILES,	25,606,162.		

CLINCH RIVER, TENN.

SECTION INCLUDED: MILE 1 THROUGH MILE 63 ON THE CLINCH RIVER. JUNCTIONS AT MILE 567 WITH TENNESSEE RIVER. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977		1982	
1978		1983	109,230
1979		1984	48,463
1980		1985	58,148
1981		1986	268,627

NASHVILLE, TN, DISTRICT

CLINCH RIVER, TENN.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	THROUGH
TOTAL	260,627	975	267,652
1121 COAL AND LIGNITE	212,110		212,110
2411 LOGS	44,705		44,705
2416 WOOD CHIPS, STAVES, HOLDINGS	4,275		4,275
2621 STANDARD NEWSPRINT PAPER	934		934
2631 PAPER AND PAPERBOARD	1,128		1,128
2810 SODIUM HYDROXIDE	4,500		4,500
3511 MACHINERY, EXCEPT ELECTRICAL	975	975	
TOTAL TON-MILES, 1,385,060.			

PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC OF TENNESSEE RIVER, TENN., ALA., AND KY.)

COMPARATIVE STATEMENT OF TRAFFIC

(SHORT TONS)

YEAR	BUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOXVILLE, TENN.	YEAR	BUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOXVILLE, TENN.
1977	1,050,071	1,738,241	335,376	1982	1,766,450	2,387,700	268,010
1978	1,341,392	1,593,451	281,373	1983	2,055,792	2,620,772	271,104
1979	1,350,674	1,430,842	281,269	1984	2,052,933	3,044,174	460,360
1980	1,594,840	1,357,527	300,171	1985	1,565,980	3,031,571	465,842
1981	1,601,389	2,456,066	345,791	1986	1,812,389	3,077,115	493,703

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	BUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOXVILLE, TENN.
TOTAL, ALL TRAFFIC	1,812,389	3,077,115	493,703
COASTWISE SHIPMENTS			
3411 FABRICATED METAL PRODUCTS		30	
3511 MACHINERY, EXCEPT ELECTRICAL		350	
TOTAL		380	
INTERNAL RECEIPTS			
0103 CORN	631,100	122,792	11,200
0104 OATS	24,358	15,346	
0105 BORDHUM GRAINS	23,021		
0107 WHEAT	5,580	687,054	20,473
0111 SOYBEANS	235,888	255,029	
0161 ANIMALS AND PRODUCTS, NEC	2,982		
1011 IRON ORE AND CONCENTRATES		1,470	
1051 ALUMINUM ORES, CONCENTRATES	2,845		
1061 MANGANESE ORES, CONCENTRATES	1,500	1,404	
1121 COAL AND LIGNITE	4,439	3,113	
1411 LIMESTONE		593,997	
1442 SAND, GRAVEL, CRUSHED ROCK		558,319	80
1494 GYPSUM, CRUDE AND PLASTER		18,858	32,899
1499 NONMETALLIC MINERALS, NEC	6,685	8,699	56,892
2942 ANIMAL FEEDS	77,291	1,500	1,500
2949 GRAIN MILL PRODUCTS, NEC	5,682	1,434	
2991 VEGETABLE OILS, HARD, SHORT		51,940	
2421 LUMBER		2,224	
2810 SODIUM HYDROXIDE	23,490	10,700	
2819 BASIC CHEMICALS AND PROD, NEC		38,165	
2871 NITROGENOUS CHEM FERTILIZERS		1,634	7,552
2872 POTASSIC CHEM FERTILIZERS			1,790
2879 FERTILIZER AND MATERIALS, NEC			1,600
2911 GASOLINE			3,287
2914 DISTILLATE FUEL OIL		7,376	
2915 RESIDUAL FUEL OIL		254,687	16,389
2916 LUBRICATING OILS AND GREASES	25,123		
2918 ASPHALT, TAR, AND PITCHES		104,370	138,522
2920 COKE, PETROLEUM COKE	114,704	37,877	5,896
3241 BUILDING CEMENT	1,436	50,100	
3312 SLAG	1,457		
3314 IRON AND STEEL: PRIMARY FORMS	12,556	8,903	1,267
3315 IRON, STEEL SHAPES, EXC SHEET	17,960	45,906	
3316 IRON AND STEEL: PLATES, SHEETS	15,992	20,200	
3319 FERROALLOYS	8,387		
3319 IRON AND STEEL: PRODUCTS, NEC		9,075	
3323 LEAD AND ZINC, UNWORKED		3,816	
3511 MACHINERY, EXCEPT ELECTRICAL	1,534	158	73
3611 ELECTRICAL MACH AND EQUIP		808	
4011 IRON AND STEEL: SCRAP	842	3,679	
TOTAL	1,245,654	2,921,095	301,420

Waterborne Commerce of the United States, 1986

PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC
OF TENNESSEE RIVER, TENN., ALA., AND KY.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	DUNTERVILLE, ALA.	CHATTANOOGA, TENN.	KNOXVILLE, TENN.
INTERNAL SHIPMENTS			
0105 CORN-----	4,719	1,637	1,460
0106 SORGHUM GRAINS-----	1,600		
0107 WHEAT-----	10,071	4,297	
0110 SOYBEANS-----	12,378	2,716	
1011 IRON ORE AND CONCENTRATES-----	33,007		1,617
1091 NONFERROUS ORES, CONCENT, NEC-----			7,669
1121 COAL AND LIGNITE-----	4,450	1,439	
1411 LIMESTONE-----			15,099
1499 NONMETALLIC MINERALS, NEC-----			1,397
2002 ANIMAL FEEDS-----	24,653	32,984	152,181
2009 GRAIN MILL PRODUCTS, NEC-----	36,091	63,372	1,500
2091 VEGETABLE OILS, MARG, SHORT-----	27,293		
2416 WOOD CHIPS, STAVES, HOLDINGS-----	332,710		
2819 BASIC CHEMICALS AND PROD, NEC-----			1,417
2915 RESIDUAL FUEL OIL-----		2,019	4,038
2918 ASPHALT, TAR, AND PITCHES-----		20,793	
2920 COKE, PETROLEUM COKE-----	20,402		
3271 LIME-----			4,491
3312 GLASS-----	11,767		
3314 IRON AND STEEL: PRIMARY FORMS-----	1,460		
3315 IRON, STEEL SHAPES, EXC SHEETS-----		1,475	
3316 IRON AND STEEL: PLATES, SHEETS-----	4,121		
3319 IRON AND STEEL: PRODUCTS, NEC-----	1,368		
4011 IRON AND STEEL: SCRAP-----	31,045	4,908	1,414
TOTAL-----	566,735	155,640	192,203

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT				
EMORY RIVER, TENN.-----	1121 COAL AND LIGNITE-----	212,110		
	2411 LOGS-----	44,705		
	2416 WOOD CHIPS, STAVES, HOLDINGS-----	4,275		
	2631 PAPER AND PAPERBOARD-----	1,120		
	TOTAL-----	262,210	2,000,398	
MINASSEE RIVER, TENN.-----	1499 NONMETALLIC MINERALS, NEC-----	363,050		
	2411 LOGS-----	116,287		
	2416 WOOD CHIPS, STAVES, HOLDINGS-----	381,742		
	2621 STANDARD NEWSPRINT PAPER-----	5,041		
	2631 PAPER AND PAPERBOARD-----	5,121		
	2810 SODIUM HYDROXIDE-----	52,280		
2891 MISCELLANEOUS CHEMICAL PROD-----	41,750			
TOTAL-----	1,001,279	10,474,397		

LOUISVILLE, KY, DISTRICT

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GREEN AND BARREN RIVERS, KY.

SECTION INCLUDED: GREEN RIVER, FROM MOUTH TO 108.5 MILES, CONTROLLING DEPTH AND PROJECT DEPTH: GREEN RIVER, 9 FEET FROM MOUTH TO MILE 103; THENCE 5.5 FEET TO DAM NO. 3. RIVER TRAFFIC SUSPENDED ABOVE MILE 108.5, GREEN RIVER, UNTIL FURTHER NOTICE DUE TO THE CLOSURE OF LOCK NO. 3 AND THE FAILURE OF DAM NO. 4, GREEN RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	13,501,167	1982	10,198,991
1978	10,080,875	1983	9,939,853
1979	10,806,466	1984	11,369,516
1980	9,983,135	1985	11,050,255
1981	10,580,607	1986	9,180,784

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	DOWNBOUND
TOTAL	9,180,784	1,052,775	8,120,759	7,250
0103 CORN	23,548		23,548	
0107 WHEAT	4,248		4,248	
0111 SOYBEANS	36,306		36,306	
1121 COAL AND LIGNITE	8,698,660	643,965	8,047,445	7,250
1411 LIMESTONE	91,576	91,576		
2049 GRAIN MILL PRODUCTS, NEC	7,678		7,678	
2414 TIMBER, POSTS, POLES, PILING	750		750	
2819 BASIC CHEMICALS AND PROD, NEC	175,059	175,059		
2920 COKE, PETROLEUM COKE	11,930	11,930		
3271 LIME	127,445	127,445		
3511 MACHINERY, EXCEPT ELECTRICAL	3,509	2,800		709
3791 MISC TRANSPORTATION EQUIPMENT	75			75
TOTAL TON-MILES, 646,639,926.				

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
KENTUCKY RIVER, KY.	1442 SAND, GRAVEL, CRUSHED ROCK	147,220		
	3511 MACHINERY, EXCEPT ELECTRICAL	2,800		
	TOTAL	150,020	9,569,300	1,796

Waterborne Commerce of the United States, 1986

HUNTINGTON, WV, DISTRICT

BIG SANDY RIVER, TUG AND LEVISA FORKS, KY, AND N. VA.

SECTION INCLUDED: BIG SANDY, MOUTH TO MILE 26.83; TUG FORK, 12.47 MILES ABOVE CONFLUENCE; LEVISA FORK, 17.47 MILES ABOVE CONFLUENCE.
 PROJECT INACTIVE: CONTROLLING DEPTH: A BLACK WATER CHANNEL FROM THE OHIO RIVER PROVIDING A 9-FOOT DEPTH FOR 8.6 MILES IS PRESENTLY BEING MAINTAINED. NO MAINTENANCE IS PRESENTLY BEING BEYOND. HIGH WATER NAVIGATION ONLY BEYOND MILE 6.4.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,282,480	1982	2,318,309
1978	1,948,674	1983	3,268,006
1979	2,911,752	1984	4,842,951
1980	2,491,796	1985	7,434,865
1981	3,027,561	1986	8,622,765

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	8,622,765	789,523	7,833,242
1011 IRON ORE AND CONCENTRATES	35,219	35,219	
1121 COAL AND LIGNITE	6,475,754	1,708	6,474,046
1311 CRUDE PETROLEUM	393,871	393,871	
1411 LIMESTONE	46,142	46,142	
1442 SAND, GRAVEL, CRUSHED ROCK	49,857	49,857	
1451 CLAY	33,168	33,168	
2011 CRUDE TAR, OIL, GAS PRODUCTS	23,443		23,443
2017 BENZENE AND TOLUENE	112,674	36,552	76,122
2019 BASIC CHEMICALS AND PROD, NEC	144,808	1,400	143,408
2071 NITROGENOUS CHEM FERTILIZERS	56,098	56,098	
2011 GASOLINE	24,024	24,024	
2014 DISTILLATE FUEL OIL	24,519	17,765	6,754
2015 RESIDUAL FUEL OIL	301,084	75,376	225,708
2016 LUBRICATING OILS AND GREASES	307,479	2,893	304,586
2017 NAPHTHA, PETROLEUM SOLVENTS	38,841		38,841
2018 ASPHALT, TAR, AND PITCHES	540,334		540,334
2020 COKE, PETROLEUM COKE	1,568	1,568	
2021 LIQUEFIED GASES	13,882	13,882	
TOTAL TON-MILES:	44,450,766.		

KANAWHA RIVER, W. VA.

SECTION INCLUDED: OHIO RIVER TO HEAD OF NAVIGATION, MILE 90.57 ABOVE MOUTH. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	10,755,599	1982	13,726,898
1978	10,992,616	1983	13,205,311
1979	13,776,444	1984	14,232,525
1980	14,673,829	1985	14,603,647
1981	12,993,994	1986	16,789,524

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL	16,789,524	3,853,628	12,640,850	54,073	233,173
1121 COAL AND LIGNITE	12,729,248	20,008	12,471,667	44,062	193,511
1411 LIMESTONE	263,598	262,117		1,481	
1442 SAND, GRAVEL, CRUSHED ROCK	1,712,383	1,710,985			1,398
1899 NONMETALLIC MINERALS, NEC	67,644	67,644			
2019 SODIUM HYDROXIDE	40,570	40,570			
2013 ALCOHOLS	317,740	311,796	5,944		
2019 BASIC CHEMICALS AND PROD, NEC	489,539	314,041	133,312	3,922	38,264
2021 PLASTIC MATERIALS	6,780	3,636	3,144		
2071 NITROGENOUS CHEM FERTILIZERS	14,245	14,245			
2091 MISCELLANEOUS CHEMICAL PROD	74,654	69,691	4,973		
2011 GASOLINE	674,443	674,443			
2012 JET FUEL	13,975	13,975			
2013 XEROBENE	7,091	7,091			
2014 DISTILLATE FUEL OIL	305,117	305,117			
2016 LUBRICATING OILS AND GREASES	4,307	4,307			
2017 NAPHTHA, PETROLEUM SOLVENTS	11,927	11,127	800		
2020 COKE, PETROLEUM COKE	2,785	2,785			
3312 SLAB	25,070	19,842	1,400	4,608	
3313 IRON, STEEL SHAPES, EXC SHEET	328	328			

HUNTINGTON, WV, DISTRICT

KANAWHA RIVER, W. VA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
3317 IRON AND STEEL PIPE AND TUBE-----	670	670			
4011 IRON AND STEEL SCRAP-----	27,410		27,410		
TOTAL TON-MILES, 1,060,152,667.					

LITTLE KANAWHA RIVER, W. VA.

SECTION INCLUDED: OHIO RIVER TO HEAD OF NAVIGATION, MILE 48 ABOVE MOUTH. PROJECT INACTIVE. CONTROLLING DEPTH: A SLACK WATER CHANNEL FROM THE OHIO RIVER PROVIDING A 9-FOOT DEPTH FOR 14.5 MILES IS PRESENTLY BEING MAINTAINED. NO MAINTENANCE AND NO NAVIGATION EXISTS BEYOND THAT POINT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	143,499	1982-----	252,811
1978-----	247,262	1983-----	239,081
1979-----	426,995	1984-----	356,639
1980-----	201,698	1985-----	464,976
1981-----	355,501	1986-----	513,300

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	513,300	507,267	6,033
1311 CRUDE PETROLEUM-----	2,800		2,800
1411 LUMESTONE-----	1,504	1,504	
1402 SAND, GRAVEL, CRUSHED ROCK-----	293,363	293,363	
2911 GASOLINE-----	131,303	129,470	1,833
2914 DISTILLATE FUEL OIL-----	3,394	3,394	
2915 RESIDUAL FUEL OIL-----	1,400		1,400
3312 SLAG-----	79,436	79,536	
TOTAL TON-MILES, 1,401,003.			

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
MUSKINGUM RIVER, OHIO-----	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1986

PITTSBURGH, PA, DISTRICT

PORT OF PITTSBURGH, PA.

SECTION INCLUDED: OHIO RIVER FROM PITTSBURGH, PA, TO MILE 40 (PENNSYLVANIA/OHIO STATE LINE); ALLEGHENY RIVER FROM PITTSBURGH, PA, TO MILE 36 (FREEPORT); MONONGAHELA RIVER FROM PITTSBURGH, PA, TO MILE 43 (CHARLEROI). INCLUDES ALTOUIPPA-ROCHESTER, PITTSBURGH, CLAIRTON-ELIZABETH. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	*	*	1982	28,251,436	1,120,159
1978	*	*	1983	26,482,941	1,421,127
1979	40,881,073	1,262,475	1984	34,297,300	1,208,858
1980	36,586,155	861,793	1985	28,551,728	1,314,078
1981	32,294,447	984,808	1986	26,709,091	1,266,475

*NOT COMPILED PRIOR TO 1979.
*PORT LIMITS EXTENDED IN CY 1979

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	26,709,091	20,374,134	3,278,176	3,056,781
0104 OATS	18,580	18,580		
0119 OILSEEDS, NEC	10,219	10,219		
1011 IRON ORE AND CONCENTRATES	47,812	46,101	1,711	
1054 ALUMINUM ORES, CONCENTRATES	40,179	40,179		
1061 MANGANESE ORES, CONCENTRATES	13,217	8,088	5,129	
1091 NONFERROUS ORES, CONCENT, NEC	48,541	43,101		1,440
1121 COAL AND LIGNITE	15,573,994	12,297,886	1,506,457	1,769,651
1313 CRUDE PETROLEUM	1,400		1,400	
1411 LIMESTONE	645,705	597,650	1,820	46,035
1442 SAND, GRAVEL, CRUSHED ROCK	3,340,175	2,001,167	241,313	1,097,695
1451 CLAY	32,280	29,358	2,922	
1494 GYPSUM, CRUDE AND PLASTERS	7,236	7,236		
1499 NONMETALLIC MINERALS, NEC	228,323	228,323		
2014 TALLOW, ANIMAL FATS AND OILS	9,037		9,037	
2041 WHEAT FLOUR AND SEMOLINA	6,852	6,852		
2042 ANIMAL FEEDS	44,941	44,941		
2049 GRAIN MILL PRODUCTS, NEC	1,012	1,012		
2061 SUGAR	6,327	6,327		
2421 LUMBER	6,180	6,180		
2431 VENEER, PLYWOOD, WORKED WOOD	22,262	22,262		
2611 PULP	1,310	1,310		
2631 PAPER AND PAPERBOARD	30,062	30,062		
2810 SODIUM HYDROXIDE	124,864	124,864		
2811 CRUDE TAR, OIL, GAS PRODUCTS	196,355	12,169	184,786	1,400
2813 ALCOHOLS	169,692	168,292	1,400	
2817 BENZENE AND TOLUENE	83,017	18,100	64,917	
2818 SULPHURIC ACID	57,174	44,588	12,586	
2819 BASIC CHEMICALS AND PROD, NEC	387,153	381,264	3,017	2,872
2821 PLASTIC MATERIALS	4,823	4,823		
2871 NITROGENOUS CHEM FERTILIZERS	32,244	12,005	20,239	
2872 POTASSIC CHEM FERTILIZERS	1,495	1,495		
2873 PHOSPHATIC CHEM FERTILIZERS	4,585	4,585		
2879 FERTILIZER AND MATERIALS, NEC	25,432	18,012	7,420	
2891 MISCELLANEOUS CHEMICAL PROD	10,295	8,825	1,470	
2911 GASOLINE	1,307,570	1,128,774	154,401	24,395
2912 JET FUEL	139,106	139,106		
2913 KEROSENE	18,587	18,587		
2914 DISTILLATE FUEL OIL	676,914	588,057	39,397	49,460
2915 RESIDUAL FUEL OIL	197,013	128,348	68,665	
2916 LUBRICATING OILS AND GREASES	403,129	378,599	24,530	
2917 NAPHTHA, PETROLEUM SOLVENTS	24,996	24,996		
2918 ASPHALT, TAR, AND PITCHES	366,693	314,997	48,041	3,655
2920 COKE, PETROLEUM COKE	205,402	80,578	124,824	
2991 PETROLEUM AND COAL PROD, NEC	4,169	1,379	2,790	
3211 GLASS AND GLASS PRODUCTS	6,443	6,443		
3241 BUILDING CEMENT	3,238	3,238		
3251 STRUCTURAL CLAY PRODUCTS	5,761	2,911	2,850	
3271 LIME	576,868	576,868		
3311 PIG IRON	49,463	17,070	32,393	
3312 SLAG	178,136		178,136	
3314 IRON AND STEEL, PRIMARY FORMS	205,792	156,200	44,634	4,956
3315 IRON, STEEL SHAPES, EXC SHEET	169,405	66,676	96,820	5,909
3316 IRON AND STEEL PLATES, SHEETS	200,682	23,569	177,113	
3317 IRON AND STEEL PIPE AND TUBE	17,983	1,427	16,556	
3318 FERROALLOYS	369,022	359,493	8,066	1,469
3319 IRON AND STEEL PRODUCTS, NEC	37,732	36,347	1,385	
3321 NONFERROUS METALS, NEC	2,858			
3323 LEAD AND ZINC, UNWORKED	11,001	3,841	7,120	
3324 ALUMINUM AND ALLOYS, UNWORKED	1,012	1,012		
3411 FABRICATED METAL PRODUCTS	14,387	11,379	3,008	
3511 MACHINERY, EXCEPT ELECTRICAL	19,510	14,086	5,424	
8011 IRON AND STEEL SCRAP	265,444	41,197	176,403	47,844

PITTSBURGH, PA, DISTRICT

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MONONGAHELA RIVER, PA, AND W. VA.

SECTION INCLUDED: PITTSBURGH, PA., TO FAIRMONT, W. VA., 128.7 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	34,420,148	4,140	1982	28,819,738	826,056
1978	31,673,799	2,695	1983	26,485,569	1,103,481
1979	30,222,785	1,040,854	1984	34,513,953	941,917
1980	34,310,879	657,504	1985	28,765,238	1,017,683
1981	32,116,533	656,616	1986	29,533,168	998,340

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL	29,533,168	6,405,040	9,879,545	1,908,479	11,340,104
1011 IRON ORE AND CONCENTRATES	24,313	24,313			
1061 MANGANESE ORES, CONCENTRATES	1,954		1,954		
1121 COAL AND LIGNITE	25,409,562	3,618,651	8,614,152	1,870,804	11,305,955
1311 CRUDE PETROLEUM	1,400		1,400		
1411 LIMESTONE	550,856	4,789	545,162		905
1442 SAND, GRAVEL, CRUSHED ROCK	1,392,597	1,304,838	34,521	21,394	31,844
1451 CLAY	11,009	9,099	1,910		
1499 NONMETALLIC MINERALS, NEC	147,957	147,957			
2061 SUGAR	6,327	6,327			
2421 LUMBER	6,180	6,180			
2431 VENEER, PLYWOOD, WORKED WOOD	18,521	18,521			
2611 PULP	1,310	1,310			
2631 PAPER AND PAPERBOARD	30,062	30,062			
2810 SODIUM HYDROXIDE	47,576	47,576			
2811 CRUDE TAR, OIL, GAS PRODUCTS	63,356	4,961	56,995		1,400
2817 BENZENE AND TOLUENE	33,564		33,564		
2819 BASIC CHEMICALS AND PROD, NEC	32,621	32,621			
2821 PLASTIC MATERIALS	2,910	2,910			
2871 NITROGENOUS CHEM FERTILIZERS	14,075		14,075		
2879 FERTILIZER AND MATERIALS, NEC	7,420		7,420		
2911 GASOLINE	446,020	437,018	910	8,092	
2912 JET FUEL	1,400	1,400			
2913 KEROSENE	6,240	6,240			
2914 DISTILLATE FUEL OIL	357,833	346,155	7,144	4,534	
2915 RESIDUAL FUEL OIL	92,007	27,137	64,870		
2916 LUBRICATING OILS AND GREASES	6,467	4,613	1,854		
2917 NAPHTHA, PETROLEUM SOLVENTS	1,400	1,400			
2918 ASPHALT, TAR, AND BITUMEN	267,888	216,192	48,041	3,655	
2920 COKE, PETROLEUM COKE	145,408	36,849	108,559		
2991 PETROLEUM AND COAL PROD, NEC	2,103	2,103			
3211 GLASS AND GLASS PRODUCTS	6,443	6,443			
3271 LIME	22,649	22,649			
3312 SLAG	1,457		1,457		
3314 IRON AND STEEL PRIMARY FORMS	27,206	4,200	23,006		
3315 IRON, STEEL SHAPES, EXC SHEET	36,433		36,433		
3316 IRON AND STEEL PLATES, SHEETS	160,515	1,600	158,915		
3317 IRON AND STEEL PIPE AND TUBE	10,038		10,038		
3318 FERROALLOYS	25,314	25,314			
3319 IRON AND STEEL PRODUCTS, NEC	3,340		3,340		
3323 LEAD AND ZINC, UNWORKED	1,000	1,000			
3411 FABRICATED METAL PRODUCTS	466		466		
3511 MACHINERY, EXCEPT ELECTRICAL	1,836		1,836		
4011 IRON AND STEEL SCRAP	104,560	4,612	99,948		
4118 WATERWAY IMPROVEMENT MAT	1,575		1,575		
TOTAL TON-MILES	1,307,565,856				

ALLEGHENY RIVER, PA., IMPROVED PORTION

SECTION INCLUDED: PITTSBURGH, PA., TO ABOVE EAST BRADY, PA., IMPROVED PORTION 72 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	5,084,990		1982	4,138,942	686,196
1978	4,404,714		1983	2,922,518	821,730
1979	4,819,088	512,554	1984	4,349,990	640,565
1980	5,012,399	524,027	1985	3,867,831	689,434
1981	3,899,628	631,316	1986	3,491,481	670,878

Waterborne Commerce of the United States, 1986

ALLEGHENY RIVER, PA., IMPROVED PORTION--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	3,491,481	1,503,469	870,646	99,865	1,417,501
0104 OATS-----	18,580	18,580			
0119 OILSEEDS, NEC-----	10,219	10,219			
1011 IRON ORE AND CONCENTRATES-----	1,578	1,578			
1051 ALUMINUM ORES, CONCENTRATES-----	9,586	9,586			
1091 NONFERROUS ORES, CONCENT, NEC-----	5,068	5,068			
1121 COAL AND LIGNITE-----	753,554	690,698	62,860		
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,913,107	89,648	351,372	54,586	1,417,501
1451 CLAY-----	13,781	12,769	1,012		
1494 GYPSUM, CRUDE AND PLASTERS-----	1,624	1,624			
1499 NONMETALLIC MINERALS, NEC-----	33,189	33,189			
2014 TALLOW, ANIMAL, FATS AND OILS-----	3,363		3,363		
2041 WHEAT FLOUR AND SEMOLINA-----	6,852	6,852			
2042 ANIMAL FEEDS-----	44,941	44,941			
2049 GRAIN MILL PRODUCTS, NEC-----	1,012	1,012			
2013 ALCOHOLS-----	98,554	98,554			
2019 BASIC CHEMICALS AND PROD, NEC-----	12,549	12,549			
2071 NITROGENOUS CHEM FERTILIZERS-----	7,319	2,791	4,528		
2072 POTASSIC CHEM FERTILIZERS-----	12,622	12,622			
2073 PHOSPHATIC CHEM FERTILIZERS-----	1,556	1,556			
2079 FERTILIZER AND MATERIALS, NEC-----	59,382	59,382			
2911 GASOLINE-----	1,333	1,333			
2912 JET FUEL-----	1,392	1,392			
2913 KEROSENE-----	1,275	1,275			
2914 DISTILLATE FUEL OIL-----	78,704	78,374		330	
2915 RESIDUAL FUEL OIL-----	1,338		1,338		
2916 LUBRICATING OILS AND GREASES-----	153,498	131,720	21,778		
2918 ASPHALT, TAR, AND PITCHES-----	50,410	50,410			
3251 STRUCTURAL CLAY PRODUCTS-----	1,435	1,435			
3312 SLAG-----	4,534		4,534		
3314 IRON AND STEEL PRIMARY FORMS-----	6,478	5,906	572		
3315 IRON, STEEL SHAPES, EXC SHEET-----	8,203	8,203			
3316 IRON AND STEEL PLATES, SHEETS-----	7,497	5,955	1,542		
3516 FERROALLOYS-----	67,403	67,403			
3511 MACHINERY, EXCEPT ELECTRICAL-----	35		35		
4011 IRON AND STEEL SCRAP-----	99,508	36,839	17,720	44,949	
TOTAL TON-MILES, 55,842,330.					

PITTSBURGH, PA., DISTRICT (INCLUDED IN ALLEGHENY, MONONGAHELA, AND OHIO RIVERS)

SECTION INCLUDED: ALLEGHENY RIVER, MONONGAHELA RIVER, AND OHIO RIVER ABOVE MILE 127.2. CONTROLLING DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	64,249,921	4,180	1982-----	37,012,105	1,512,254
1978-----	61,002,020	2,695	1983-----	34,107,405	1,925,211
1979-----	78,888,067	1,553,408	1984-----	67,376,204	1,582,502
1980-----	64,845,442	1,181,331	1985-----	37,662,170	1,707,117
1981-----	62,127,755	1,287,932	1986-----	60,532,598	1,669,218

SUMMARY OF TRAFFIC, PITTSBURGH, PA., ENGINEER DISTRICT, 1986

DOMESTIC
(SHORT TONS)

LOCALITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
PORT OF PITTSBURGH, PA.-----	26,709,091			20,374,134	3,278,176	3,056,781
OTHER AREAS IN THE PITTSBURGH, PA., ENGINEER DISTRICT-----	46,576,720			10,614,043	21,884,122	14,076,555
TOTAL-----	73,285,811			30,988,177	25,162,298	17,133,336
LESS DUPLICATIONS-----	-12,753,213			-12,753,213	-12,753,213	-12,753,213
GRAND TOTAL, ALL TRAFFIC-----	60,532,598			18,234,964	12,409,085	29,888,549

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ALLEGHENY RIVER, PA., OPEN CHANNEL PORTION-----	NO COMMERCE REPORTED			

OHIO RIVER DIVISION

OHIO RIVER

SECTION INCLUDED: PITTSBURGH, PA., TO MOUTH OF RIVER, 981 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.
 LOG CREEK TO THE TOWN OF OKEECHOBEE

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977	151,402,617		151,402,617	357,100	1982	150,723,398		150,723,398	1,204,556
1978	152,571,017		152,571,017	373,191	1983	150,390,666		150,390,666	1,283,087
1979	165,320,919		165,320,919	1,299,489	1984	174,697,494		174,697,494	1,281,886
1980	155,986,719		155,986,719	1,000,890	1985	177,484,195		177,484,195	1,433,894
1981	156,719,091		156,719,091	1,150,547	1986	195,616,402		195,616,402	1,482,537

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE		THROUGH DOWNBOUND
		RECEIPTS	SHIPMENTS	
TOTAL	2,980	1,400	1,200	380
3411 FABRICATED METAL PRODUCTS	30			30
3511 MACHINERY, EXCEPT ELECTRICAL	1,750	1,400		350
3611 ELECTRICAL MACH AND EQUIP	1,200		1,200	
TON-MILES, OCEANGOING,	911,280.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL	195,615,422	43,858,128	57,850,485	29,024,032	28,687,205	13,877,535	22,318,037
0102 BARLEY AND RYE	17,782	17,782					
0103 CORN	4,354,289	11,873	3,135,068	14,374	4,200	1,089,080	99,698
0104 OATS	72,800	13,916				58,284	
0105 RICE	1,767		1,767				
0106 SORGHUM GRAINS	513,052		407,772			1,590	103,690
0107 WHEAT	1,638,662	189,133	774,993	7,658	2,848	685,786	56,244
0111 SOYBEANS	3,133,014	171,908	2,268,060	4,560	13,725	482,870	191,811
0119 OILSEEDS, NEC	18,219					18,219	
0161 ANIMAL AND PRODUCTS, NEC	2,982					2,982	
0931 MARINE SHELLS, UNMANUFACTURED	4,495	4,495					
1011 IRON ORE AND CONCENTRATES	1,346,757	1,231,386	5,782			93,494	36,095
1051 ALUMINUM ORES, CONCENTRATES	78,296	65,865				12,431	
1061 MANGANESE ORES, CONCENTRATES	118,692	101,919	7,481	1,405		2,864	3,063
1091 NONFERROUS ORES, CONCENTRATES	282,937	118,636		1,440		131,322	31,539
1121 COAL AND LIGNITE	114,791,009	29,988,108	35,220,914	21,472,606	16,613,180	3,252,670	12,644,331
1311 CRUDE PETROLEUM	365,213	59,970	392,471	87,725	23,639		1,400
1411 LIMESTONE	2,950,970	544,212	313,573	1,304,981	388,290	93,055	306,859
1802 SAND, GRAVEL, CRUSHED ROCK	19,383,476	298,233	5,817,188	3,098,223	7,055,753	31,048	3,091,031
1851 CLAY	82,844	22,807	23,252			34,623	2,922
1871 PHOSPHATE ROCK	27,891	1,683					26,208
1879 NATURAL FERTILIZER MATS, NEC	1,453	1,453					
1893 SULPHUR, LIQUID	2,454				2,454		
1896 GYPSUM, CRUDE AND PLASTERS	62,152	7,511	1,626	1,258		51,757	
1899 NONMETALLIC MINERALS, NEC	2,385,783	1,240,400	2,525		1,400	1,104,190	37,268
2014 TALLOW, ANIMAL FATS AND OILS	9,837		5,674				3,363
2041 WHEAT FLOUR AND SEMOLINA	6,852					6,852	
2042 ANIMAL FEEDS	1,767,399	22,188	1,287,488			113,716	344,015
2049 BRAIN MILL PRODUCTS, NEC	1,439,780	2,753	1,164,821			6,709	263,497
2061 SUGAR	24,818	8,621				16,189	
2062 MOLASSES	25,333	25,333					
2091 VEGETABLE OILS, MARG, SHORT	367,115	37,781	171,355	69,991		3,407	84,501
2211 BASIC TEXTILE PRODUCTS	1,224	1,224					
2411 LOGS	11,988		5,882				6,106
2414 TIMBER, POSTS, POLES, PILING	750						750
2421 LUMBER	22,557	6,773	573			8,404	6,807
2431 VENEER, PLYWOOD, WORKED WOOD	27,437	8,916				18,521	
2611 PULP	1,310					1,310	
2621 STANDARD NEWSPRINT PAPER	51,041						51,041
2631 PAPER AND PAPERBOARD	67,121	32,826				30,662	4,233
2810 SODIUM HYDROXIDE	982,887	485,251	91,742		43,963	211,647	149,484
2811 CRUDE TAR, OIL, GAS PRODUCTS	527,370	180,616	183,301	48,281	72,589	83,425	39,158
2813 ALCOHOLS	1,100,708	646,882	4,231		2,803	443,735	3,497
2817 BENZENE AND TOLUENE	226,481	148,237	40,731	3,584	15,454	14,357	4,118
2818 SULPHURIC ACID	99,847	1,159	44,588		11,411	39,899	2,633
2819 BASIC CHEMICALS AND PROD, NEC	6,423,704	3,637,394	104,348	13,361	916,672	1,595,627	164,382
2821 PLASTIC MATERIALS	13,830		7,167		1,913	1,206	3,144
2841 SOAP	1,400		1,400				
2871 NITROGENOUS CHEM FERTILIZERS	1,365,594	917,694	53,312	54,692	2,632	196,517	140,747
2872 POTASSIUM CHEM FERTILIZERS	591,975	378,528	31,521	38,905		149,504	1,515
2873 PHOSPHATIC CHEM FERTILIZERS	103,938	96,213				6,229	1,488
2879 FERTILIZER AND MATERIALS, NEC	728,231	539,579	3,037	1,515		156,679	19,421
2891 MISCELLANEOUS CHEMICAL PROD	164,166	32,949	71,248			47,688	12,381

Waterborne Commerce of the United States, 1986

OHIO RIVER--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 INTERNAL--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH	
						UPBOUND	DOWNBOUND
2911 GASOLINE	6,218,302	1,453,930	1,605,342	941,314	1,668,787	534,158	14,763
2912 JET FUEL	1,069,349	331,871	250,955	142,800	343,723		
2913 KEROSENE	109,352	62,460	15,977	16,933	8,287	5,695	
2914 DISTILLATE FUEL OIL	3,416,653	719,739	801,653	410,028	998,671	396,766	9,796
2915 RESIDUAL FUEL OIL	1,327,616	474,135	324,753	154,613	16,800	143,707	213,608
2916 LUBRICATING OILS AND GREASES	947,126	510,616	110,074	13,724	45,238	167,243	100,231
2917 NAPHTHA, PETROLEUM SOLVENTS	204,563	74,247	12,527			5,053	111,936
2918 ASPHALT, TAR, AND PITCHES	2,231,332	1,039,067	294,658	11,788	57,777	590,669	237,173
2920 COKE, PETROLEUM COKE	1,341,394	749,300	161,885	8,591	45,992	266,222	113,414
2921 LEAFLEES BASES	46,845		10,667	1,400		19,440	15,338
2991 PETROLEUM AND COAL PROD, NEC	4,169	1,379	2,103		687		
3011 RUBBER AND MISC PLASTIC PROD	39		39				
3211 GLASS AND GLASS PRODUCTS	8,008		1,545			6,443	
3241 BUILDING CEMENT	1,337,944	53,097	122,817	217,583	76,617	867,850	1,435
3294 STRUCTURAL CLAY PRODUCTS	7,411	3,124	2,850			1,435	
3271 LIME	1,226,940	196,356	183,542	772,579	59,435	2,881	12,147
3311 PIG IRON	68,895	27,449	13,302		26,524	1,600	
3312 BLAG	459,256	10,412	321,682	6,742	85,419	1,699	33,302
3314 IRON AND STEEL PRIMARY FORMS	666,687	222,838	146,401	584	25,177	225,824	45,863
3315 IRON, STEEL SHAPES, EXC SHEET	869,222	279,662	364,532	1,917	12,857	171,689	38,565
3316 IRON AND STEEL PLATES, SHEETS	568,660	188,465	211,537	3,391	25,111	96,192	41,964
3317 IRON AND STEEL PIPE AND TUBE	104,859	24,008	37,524			3,007	38,320
3318 FERROALLOYS	658,513	502,424	13,938	3,224	1,376	105,779	31,772
3319 IRON AND STEEL PRODUCTS, NEC	145,587	68,487	46,222		8,480	18,693	3,705
3321 NONFERROUS METALS, NEC	4,060	2,858					1,202
3323 LEAD AND ZINC, UNWORKED	23,398	8,382	7,120			7,894	
3324 ALUMINUM AND ALLOYS, UNWORKED	54,504	23,994	7,215			12,349	10,956
3411 FABRICATED METAL PRODUCTS	84,850	78,494	5,400	306		249	381
3511 MACHINERY, EXCEPT ELECTRICAL	59,898	45,114	3,259		1,183	1,198	9,144
3711 MOTOR VEHICLES, PARTS, EQUIP	4,296	4,296					
3791 MISC TRANSPORTATION EQUIPMENT	828	753					75
4011 IRON AND STEEL SCRAP	1,491,643	55,131	972,981	45,549	8,051	23,508	384,423
4012 NONFERROUS METAL SCRAP	4,524						4,524
4029 WASTE AND SCRAP, NEC	35,024		33,624			1,400	
4111 WATER	699	699					
4110 WATERWAY IMPROVEMENT MAT	2,903,070	2,595					2,900,475

TON-MILES, INTERNAL, 50,098,681,977.

TONS, ALL TRAFFIC, 195,618,402.
 TON-MILES, ALL TRAFFIC, 50,099,593,257.

OTHER PORTS ON OHIO RIVER
 (INCLUDED IN TRAFFIC OF OHIO RIVER)
 COMPARATIVE STATEMENT OF TRAFFIC
 (SHORT TONS)

YEAR	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.	YEAR	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
1977	17,126,958	10,355,854	9,006,440	3,677,285	1982	13,748,329	10,120,151	9,701,896	3,848,258
1978	14,656,352	11,907,971	8,838,067	3,533,382	1983	14,824,845	15,963,819	6,978,224	3,874,569
1979	14,502,610	12,010,905	9,537,268	4,256,382	1984	21,731,870	15,936,403	8,042,120	5,842,789
1980	19,226,875	10,833,216	7,694,745	4,013,027	1985	19,643,608	16,215,227	8,019,622	5,840,647
1981	18,561,240	15,084,485	7,760,336	3,995,664	1986	20,851,767	12,275,613	9,869,409	6,003,787

FREIGHT TRAFFIC, 1986
 (SHORT TONS)

COMMODITY	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
TOTAL, ALL TRAFFIC	20,851,767	12,275,613	9,869,409	6,003,787
COASTWISE RECEIPTS				
3511 MACHINERY, EXCEPT ELECTRICAL		1,400		
COASTWISE SHIPMENTS				
3611 ELECTRICAL MACH AND EQUIP				1,200
INTERNAL RECEIPTS				
0102 BARLEY AND RYE		4,407	13,375	
0103 CORN				1,400
0104 OATS		3,258	7,513	
0107 WHEAT		1,300	1,363	115,701
0111 SOYBEANS				2,675
0931 MARINE SHELLS, UNMANUFACTURED			4,495	
1011 IRON ORE AND CONCENTRATES		527,271		
1051 ALUMINUM ORES, CONCENTRATES		1,734		
1121 COAL AND LIGNITE	8,655	3,717,703	769,928	1,600
1311 CRUDE PETROLEUM				74,286
1411 LIMESTONE	36,281	1,471		

OHIO RIVER DIVISION

OTHER PORTS ON OHIO RIVER
(INCLUDED IN TRAFFIC OF OHIO RIVER)--CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

(SHORT TONS)

COMMODITY	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
INTERNAL RECEIPTS--CONTINUED				
1498 SAND, GRAVEL, CRUSHED ROCK	246,673	45,023	1,522,531	3,000
1475 PHOSPHATE ROCK				1,643
1479 NATURAL FERTILIZER MATS, NEC				1,453
1493 SULPHUR, LIQUID			2,454	
1499 NONMETALLIC MINERALS, NEC	17,225	486,930	344,408	10,922
2042 ANIMAL FEEDS		16,298	1,422	
2049 BRAIN MILL PRODUCTS, NEC				1,663
2061 SUGAR	1,190		6,069	
2062 MOLASSES		9,083		
2091 VEGETABLE OILS, MARG, SHORT		73,931	34,241	
2211 BASIC TEXTILE PRODUCTS			1,224	
2421 LUMBER		5,529		
2631 PAPER AND PAPERBOARD		16,002	945	
2810 SODIUM HYDROXIDE		336,963	35,363	
2811 CRUDE TAR, OIL, GAS PRODUCTS			7,382	
2813 ALCOHOLS		320,467	122,004	
2817 BENZENE AND TOLUENE		1,644	22,103	
2818 SULPHURIC ACID		4,904	1,150	
2819 BASIC CHEMICALS AND PROD, NEC		221,207	227,784	315,706
2871 NITROGENOUS CHEM FERTILIZERS		432,249	95,485	64,232
2872 POTASSIC CHEM FERTILIZERS		118,510	100,708	49,548
2873 PHOSPHATIC CHEM FERTILIZERS		49,919	1,446	3,193
2879 FERTILIZER AND MATERIALS, NEC		206,150	49,747	49,493
2891 MISCELLANEOUS CHEMICAL PROD			2,785	
2911 GASOLINE		326,166	1,613,033	30,891
2912 JET FUEL		402,803	252,719	13,510
2913 KEROSENE		5,290	23,774	34,665
2914 DISTILLATE FUEL OIL	5,416	222,656	592,109	30,630
2915 RESIDUAL FUEL OIL		46,793		17,984
2916 LUBRICATING OILS AND GREASES	7,392	170,699	71,677	
2917 NAPHTHA, PETROLEUM SOLVENTS		32,167	14,010	
2918 ASPHALT, TAR, AND PITCHES		617,006	254,431	
2920 COKE, PETROLEUM COKE		66,599	47,500	
3241 BUILDING CEMENT	40,402	196,498	16,300	
3251 STRUCTURAL CLAY PRODUCTS		850		
3314 IRON AND STEEL PRIMARY FORMS		24,405	24,314	
3315 IRON, STEEL SHAPES, EXC SHEET		86,199	83,463	722
3316 IRON AND STEEL PLATES, SHEETS		29,002	130,197	541
3317 IRON AND STEEL PIPE AND TUBE		6,752	2,212	6,045
3319 IRON AND STEEL PRODUCTS, NEC	972	9,550	11,268	
3324 ALUMINUM AND ALLOYS, UNWORKED		1,611		
3411 FABRICATED METAL PRODUCTS		1,093	1,321	
3511 MACHINERY, EXCEPT ELECTRICAL		1,449	5,371	504
3711 MOTOR VEHICLES, PARTS, EQUIP		3,537		
3791 NBC TRANSPORTATION EQUIPMENT		753		
4011 IRON AND STEEL SCRAP			3,111	
TOTAL	371,614	6,655,922	6,531,545	631,507
INTERNAL SHIPMENTS				
0103 CORN		762,637	263,526	547,130
0106 SORGHUM GRAINS			2,800	125,692
0107 WHEAT		93,469	26,350	127,405
0111 SOYBEANS		697,990	110,254	305,352
1011 IRON DRE AND CONCENTRATES		1,591		
1121 COAL AND LIGNITE	14,275,680	185,519	1,502,526	3,506,204
1462 SAND, GRAVEL, CRUSHED ROCK	32,983		10,820	
1493 SULPHUR, LIQUID				
1494 GYPSUM, CRUDE AND PLASTERS			2,884	
2042 ANIMAL FEEDS		316,520	8,235	157,422
2049 BRAIN MILL PRODUCTS, NEC		120,616	23,167	72,830
2811 LOSS				3,410
2810 SODIUM HYDROXIDE		903		
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,359	46,922		
2813 ALCOHOLS		2,820		
2817 BENZENE AND TOLUENE	1,434	7,501	2,767	
2818 SULPHURIC ACID		908		
2819 BASIC CHEMICALS AND PROD, NEC			909,600	66,706
2821 PLASTIC MATERIALS			9,080	
2841 SOAP			1,400	
2871 NITROGENOUS CHEM FERTILIZERS		32,774		29,343
2872 POTASSIC CHEM FERTILIZERS				1,498
2879 FERTILIZER AND MATERIALS, NEC		3,146		
2891 MISCELLANEOUS CHEMICAL PROD		11,214		
2911 GASOLINE	3,470,585	315,751	43,980	62,777
2912 JET FUEL	720,504	11,226		
2913 KEROSENE	34,579			4,514
2914 DISTILLATE FUEL OIL	1,887,512	139,006	20,260	30,024
2915 RESIDUAL FUEL OIL	1,400	89,718		48,209
2916 LUBRICATING OILS AND GREASES	40,637			
2918 ASPHALT, TAR, AND PITCHES		85,965	4,405	
2920 COKE, PETROLEUM COKE	1,600	9,875	11,983	
3241 BUILDING CEMENT	1,967		5,000	
3271 LIME		1,167		
3314 IRON AND STEEL PRIMARY FORMS		2,470	584	
3315 IRON, STEEL SHAPES, EXC SHEET		15,469	3,301	
3316 IRON AND STEEL PLATES, SHEETS		4,041	1,850	1,525
3319 IRON AND STEEL PRODUCTS, NEC		4,310		
3411 FABRICATED METAL PRODUCTS		835	306	623
3511 MACHINERY, EXCEPT ELECTRICAL		427	162	300
4011 IRON AND STEEL SCRAP	3,064	353,630	262,572	
TOTAL	20,475,776	3,319,590	3,337,614	5,171,080

Waterborne Commerce of the United States, 1986

OTHER PORTS ON OHIO RIVER
(INCLUDED IN TRAFFIC OF OHIO RIVER)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
LOCAL				
1121 COAL AND LIGNITE-----		40,689		
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,175			
2871 NITROGENOUS CHEM FERTILIZERS-----		13,190		
2911 GASOLINE-----		8,084		
2912 JET FUEL-----		5,754		
2914 DISTILLATE FUEL OIL-----		15,624		
2915 RESIDUAL FUEL OIL-----		15,400		
TOTAL-----	4,175	98,701		

OHIO RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL TRIBUTARIES OF THE OHIO, MONONGAHELA, TENNESSEE AND CUMBERLAND RIVERS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	178,636,151	1982-----	173,996,572
1978-----	177,562,963	1983-----	171,153,355
1979-----	194,777,489	1984-----	202,223,853
1980-----	179,321,958	1985-----	203,886,349
1981-----	181,853,048	1986-----	222,222,854

INTERNAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1986

(SHORT TONS)

COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)	COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)
0102 BARLEY AND RYE-----	17,782	2822 SYNTHETIC RUBBER-----	668
0103 CORN-----	4,464,833	2841 SOAP-----	1,400
0104 OATS-----	72,200	2861 GUM AND WOOD CHEMICALS-----	1,471
0105 RICE-----	1,767	2871 NITROGENOUS CHEM FERTILIZERS-----	1,370,084
0106 SORGHUM GRAINS-----	540,927	2872 POTASSIC CHEM FERTILIZERS-----	591,975
0107 WHEAT-----	1,657,280	2873 PHOSPHATIC CHEM FERTILIZERS-----	103,930
0111 SOYBEANS-----	3,284,418	2879 FERTILIZER AND MATERIALS, NEC-----	738,289
0119 OILSEEDS, NEC-----	10,219	2891 MISCELLANEOUS CHEMICAL PROD-----	211,146
0161 ANIMALS AND PRODUCTS, NEC-----	2,982	2911 GASOLINE-----	6,228,210
0931 MARINE SHELLS, UNMANUFACTURED-----	4,495	2912 JET FUEL-----	1,069,349
1011 IRON ORE AND CONCENTRATES-----	1,366,757	2913 KEROSENE-----	109,352
1051 ALUMINUM ORES, CONCENTRATES-----	78,296	2914 DISTILLATE FUEL OIL-----	3,519,208
1061 MANGANESE ORES, CONCENTRATES-----	118,192	2915 RESIDUAL FUEL OIL-----	1,336,830
1091 NONFERROUS ORES, CONCENTRATES-----	418,795	2916 LUBRICATING OILS AND GREASES-----	947,126
1121 COAL AND LIGNITE-----	135,869,696	2917 NAPHTHA, PETROLEUM SOLVENTS-----	204,563
1311 CRUDE PETROLEUM-----	565,213	2918 ASPHALT, TAR, AND PITCHES-----	2,264,889
1411 LIMESTONE-----	3,583,271	2920 COKE, PETROLEUM COKE-----	1,342,772
1442 SAND, GRAVEL, CRUSHED ROCK-----	22,567,684	2921 LIQUEFIED GASES-----	46,845
1451 CLAY-----	86,574	2991 PETROLEUM AND COAL PROD, NEC-----	4,149
1471 PHOSPHATE ROCK-----	27,891	3011 RUBBER AND MISC PLASTIC PROD-----	39
1477 NATURAL FERTILIZER MATS, NEC-----	1,453	3211 GLASS AND GLASS PRODUCTS-----	8,008
1493 SULPHUR, LIQUID-----	2,454	3241 BUILDING CEMENT-----	1,337,964
1494 GYPSUM, CRUDE AND PLASTERS-----	62,152	3251 STRUCTURAL CLAY PRODUCTS-----	7,411
1499 NONMETALLIC MINERALS, NEC-----	2,388,548	3271 LIME-----	1,226,940
2014 TALLOW, ANIMAL FATS AND OILS-----	16,193	3311 PIG IRON-----	68,895
2041 WHEAT FLOUR AND SEMOLINA-----	6,852	3312 SLAC-----	463,864
2042 ANIMAL FEEDS-----	1,775,403	3314 IRON AND STEEL PRIMARY FORMS-----	666,687
2049 GRAIN MILL PRODUCTS, NEC-----	1,452,420	3315 IRON, STEEL SHAPES, EXC SHEET-----	869,222
2061 SUGAR-----	24,810	3316 IRON AND STEEL PLATES, SHEETS-----	568,660
2062 MOLASSES-----	25,333	3317 IRON AND STEEL PIPE AND TUBE-----	104,859
2091 VEGETABLE OILS, MARG, SHORT-----	398,641	3318 FERROALLOYS-----	661,322
2211 BASIC TEXTILE PRODUCTS-----	1,224	3319 IRON AND STEEL PRODUCTS, NEC-----	145,587
2411 LOGS-----	128,195	3321 NONFERROUS METALS, NEC-----	4,080
2414 TIMBER, POSTS, POLES, PILING-----	750	3323 LEAD AND ZINC, UNWORKED-----	23,398
2415 PULPMOOD, LOG-----	2,940	3324 ALUMINUM AND ALLOYS, UNWORKED-----	54,504
2416 WOOD CHIPS, STAVES, MOLDINGS-----	381,742	3411 FABRICATED METAL PRODUCTS-----	84,850
2421 LUMBER-----	22,557	3511 MACHINERY, EXCEPT ELECTRICAL-----	63,497
2431 VENEER, PLYWOOD, WORKED WOOD-----	27,437	3611 ELECTRICAL MACH AND EQUIP-----	930
2491 WOOD MANUFACTURES, NEC-----	325	3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,596
2611 PULP-----	2,898	3791 MISC TRANSPORTATION EQUIPMENT-----	1,328
2621 STANDARD NEWSPRINT PAPER-----	51,041	4011 IRON AND STEEL SCRAP-----	1,539,207
2631 PAPER AND PAPERBOARD-----	150,210	4012 NONFERROUS METAL SCRAP-----	4,524
2691 PULP AND PAPER PRODUCTS, NEC-----	6,568	4029 WASTE AND SCRAP, NEC-----	35,024
2810 SODIUM HYDROXIDE-----	924,595	4111 WATER-----	699
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	528,770	4118 WATERWAY IMPROVEMENT MAT-----	3,107,688
2813 ALCOHOLS-----	1,100,708		
2817 BENZENE AND TOLUENE-----	226,481		
2818 SULPHURIC ACID-----	134,565		
2819 BASIC CHEMICALS AND PROD, NEC-----	6,478,928		
2821 PLASTIC MATERIALS-----	13,430		
		TOTAL SHDRY TONS-----	222,222,854
		TOTAL TON-MILES, 61,698,764,896	

GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FL, AND THE MEXICAN BORDER

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GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA. AND THE MEXICAN BORDER (CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER, FLA., TO BROWNSVILLE, TEX., 1108.9 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	104,934,179	1982	82,980,463
1978	102,332,582	1983	85,093,230
1979	97,272,036	1984	93,439,392
1980	94,512,197	1985	102,463,665
1981	91,576,715	1986	106,960,543

* PASSENGERS--914,099.

FREIGHT TRAFFIC, 1986

OCEANGOING (SHORT TONS)

COMMODITY	TOTAL	FOREIGN			DOMESTIC COASTWISE		
		IMPORTS	EXPORTS	THROUGH EASTBOUND	SHIPMENTS	THROUGH	
						EASTBOUND	WESTBOUND
TOTAL	1,263,563	147	21,833	73,458	8,495	1,141,611	10,019
0103 CORN	14		14				
0105 RICE	1,658		1,658				
0119 OILSEEDS, NEC	1,851					1,851	
1311 CRUDE PETROLEUM	67,399			58,211		4,990	4,198
1499 GYPSUM, CRUDE AND PLASTERS	184		184				
1499 NONMETALLIC MINERALS, NEC	1,504				1,504		
2022 DRIED MILK AND CREAM	5,522		5,522				
2041 WHEAT FLOUR AND SEMOLINA	274		274				
2049 GRAIN MILL PRODUCTS, NEC	3,291		3,291				
2091 VEGETABLE OILS, WARG, SHORT	705		705				
2099 MISCELLANEOUS FOOD PRODUCTS	6,591		6,591				
2111 TOBACCO MANUFACTURES	1		1				
2211 BASIC TEXTILE PRODUCTS	1		1				
2810 SODIUM HYDROXIDE	144,269					144,269	
2813 ALCOHOLS	12,584					12,584	
2819 BASIC CHEMICALS AND PROD, NEC	2,478		39			2,439	
2851 PAINTS	28		28				
2871 NITROGENOUS CHEM FERTILIZERS	10,060					10,060	
2891 MISCELLANEOUS CHEMICAL PROD	5		5				
2911 GASOLINE	368,517					368,517	
2912 JET FUEL	6,441					6,441	
2910 DISTILLATE FUEL OIL	326,684				606	326,078	
2915 RESIDUAL FUEL OIL	182,900				6,285	175,166	1,458
2916 LUBRICATING OILS AND GREASES	12		12				
2917 NAPHTHA, PETROLEUM SOLVENTS	13,405					5,678	7,727
2918 ASPHALT, TAR, AND BITUMENS	10,199					10,199	
2921 LIQUEFIED GASES	14,176					12,972	1,204
3011 RUBBER AND MISC PLASTIC PROD	10		10				
3241 BUILDING CEMENT	49,950			15,247		34,703	
3317 IRON AND STEEL PIPE AND TUBE	108		108				
3321 NONFERROUS METALS, NEC	5		5				
3411 FABRICATED METAL PRODUCTS	937	147	286			422	82
3511 MACHINERY, EXCEPT ELECTRICAL	5,687		787		100	1,450	3,350
3611 ELECTRICAL MACH AND EQUIP	1,263		63			1,200	
3711 MOTOR VEHICLES, PARTS, EQUIP	162		162				
3731 SHIPS AND BOATS	2,167		2,034			133	
3791 MISC TRANSPORTATION EQUIPMENT	754		4			750	
3811 INSTR, TIME, PHOTO, OPT GOODS	21		21				
4011 IRON AND STEEL SCRAP	11		11				
4029 WASTE AND SCRAP, NEC	21,709					21,709	
4112 COMMODITIES, NEC	17		17				
TON-MILES, OCEANGOING,	362,499,273.						

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND			OUTBOUND			
			EASTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	WESTBOUND	
TOTAL	105,696,980	314,704	3,886,538	8,090,589	47,443,514	507,346	5,695,102	7,646,153	32,113,034
0101 COTTON, RAW	4,115				4,115				
0103 CORN	292,419				287,134		988		4,297
0104 DATE	135,291				47,526				87,765
0105 RICE	197,020			21,076	105,039		5,200		65,705
0106 SORGHUM GRAINS	101,697				44,667				57,030
0107 WHEAT	180,299			4,374	99,438		17,773		58,714
0111 SOYBEANS	515,809			1,582	327,318		22,663		164,246
0119 OILSEEDS, NEC	7,110				1,100		6,010		
0911 FRESH FISH, EXCEPT SHELLFISH	1,029		458		50		485	34	
0912 SHELLFISH, EXCEPT PREPARED	4,754		3,108		1,359		127	140	
0931 MARINE SHELLS, UNMANUFACTURED	2,725,632		370,850		709,500		1,034,596	360	609,506
1011 IRON ORE AND CONCENTRATES	38,736			1,470	25,004				12,262
1051 ALUMINUM ORES, CONCENTRATES	39,926		3,264		8,638		16,487		13,537
1061 MANGANESE ORES, CONCENTRATES	34,400			2,825	5,206		1,450		24,919

GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA. AND THE MEXICAN BORDER (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

Table with 11 columns: COMMODITY, TOTAL, EASTBOUND, INBOUND (EASTBOUND, WESTBOUND), THROUGH (EASTBOUND, WESTBOUND), and OUTBOUND (EASTBOUND, WESTBOUND). Rows list various commodities from 1091 to 4119.

TON-MILES, INTERNAL, 19,032,023,079.

TONS, ALL TRAFFIC, 106,960,543. TON-MILES, ALL TRAFFIC, 19,394,523,152.

GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY, FLA. (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER TO ST. ANDREW BAY, FLA., 135 MILES. (SECTION BETWEEN ST. MARKS RIVER AND CARRABELLE, FLA., INCOMPLETE, NECESSITATING USE OF OUTSIDE ROUTE.) CONTROLLING DEPTH: 12.0 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,634,706	1982	1,679,931
1978	3,193,893	1983	1,071,988
1979	3,006,034	1984	3,259,856
1980	2,817,073	1985	4,202,819
1981	2,247,404	1986	9,006,190

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INTERNAL			
		EASTBOUND	WESTBOUND	INBOUND EASTBOUND	THROUGH EASTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL	5,006,190	1,151,370	16,010	149,311	3,626,279	2,841	50,170
0103 CORN	1,440				1,440		
0104 OATS	26,517				26,517		
0107 WHEAT	6,493						6,493
0111 SOYBEANS	32,571						32,571
0119 OILSEEDS, NEC	2,951	1,051			1,100		
0931 MARINE SHELLS, UNMANUFACTURED	56,250			47,250	9,000		
1051 ALUMINUM ORES, CONCENTRATES	13,402						13,402
1121 COAL AND LIGNITE	3,153,954				3,153,954		
1311 CRUDE PETROLEUM	9,100	4,990	4,190				
1494 GYPSUM, CRUDE AND PLASTERS	8,173				8,173		
1499 NONMETALLIC MINERALS, NEC	11,809	1,504			9,135		1,250
2042 ANIMAL FEEDS	4,116				4,116		
2631 PAPER AND PAPERBOARD	2,228						2,228
2810 SODIUM HYDROXIDE	173,847	140,269			29,578		
2813 ALCOHOLS	14,048	14,048					
2819 BASIC CHEMICALS AND PROD, NEC	25,345	2,439			20,700		2,226
2871 NITROGENOUS CHEM FERTILIZERS	64,621	10,060			74,561		
2872 POTASSIC CHEM FERTILIZERS	1,200				1,200		
2873 PHOSPHATIC CHEM FERTILIZERS	13,046				13,046		
2879 FERTILIZER AND MATERIALS, NEC	9,347				9,347		
2911 GASOLINE	423,792	368,517			55,275		
2912 JET FUEL	111,343	6,441		102,061		2,841	
2914 DISTILLATE FUEL OIL	355,450	326,684			28,766		
2915 RESIDUAL FUEL OIL	283,774	101,451	1,450		100,045		
2917 NAPHTHA, PETROLEUM SOLVENTS	13,405	5,678	7,727				
2918 ASPHALT, TAR, AND PITCHES	35,611	10,199			25,412		
2921 LIQUEFIED GASES	14,176	12,972	1,204				
3241 BUILDING CEMENT	34,703	34,703					
3291 MISC NONMETALLIC MINERAL PROD	9,000				9,000		
3411 FABRICATED METAL PRODUCTS	504	422	82				
3511 MACHINERY, EXCEPT ELECTRICAL	5,192	1,550	3,350		292		
3611 ELECTRICAL MACH AND EQUIP	1,200	1,200					
3731 SHIPS AND BOATS	133	133					
3791 MISC TRANSPORTATION EQUIPMENT	750	750					
4029 WASTE AND SCRAP, NEC	21,709	21,709					
4110 WATERWAY IMPROVEMENT MAT	44,000				44,000		
TOTAL TON-MILES	253,946,253						
AVERAGE MAUL PER TON	50.7 MILES						

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY, FLA. (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: WEST BAY TO PENSACOLA BAY, FLA., 110 MILES. CONTROLLING DEPTH: 12.0 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	5,022,513	1982	4,453,002
1978	5,844,809	1983	4,626,380
1979	4,951,826	1984	4,409,931
1980	4,677,378	1985	6,757,052
1981	4,803,205	1986	8,095,667

Waterborne Commerce of the United States, 1986

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY, FLA. (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INBOUND EASTBOUND	THROUGH EASTBOUND	INTERNAL		THROUGH WESTBOUND
		EASTBOUND	WESTBOUND			INBOUND WESTBOUND	OUTBOUND WESTBOUND	
TOTAL	8,095,667	1,147,570	7,815	556,002	6,214,789	1,020	11,005	156,666
0103 CORN	54,359				54,359			
0104 OATS	29,217				29,217			
0107 WHEAT	19,853							19,853
2111 SOYBEANS	38,845							38,845
0119 OILSEEDS, NEC	2,951	1,851			1,100			
0911 FRESH FISH, EXCEPT SHELLFISH	150			150				
0912 SHELLFISH, EXCEPT PREPARED	71			71				
0931 MARINE SHELLS, UNMANUFACTURED	71,150			14,900	56,250			
1051 ALUMINUM ORES, CONCENTRATES	13,402							13,402
1121 COAL AND LIGNITE	4,169,873				4,169,873			
1311 CRUDE PETROLEUM	7,618	4,990			2,628			
1411 LIMESTONE	26,168			26,168				
1442 SAND, GRAVEL, CRUSHED ROCK	265,185			56,176	209,009			
1451 CLAY	13,403				668			12,735
1498 GYPSUM, CRUDE AND PLASTERS	8,173				8,173			
1499 NONMETALLIC MINERALS, NEC	11,880	1,504			9,135			1,250
2042 ANIMAL FEEDS	12,781				4,118			8,663
2049 GRAIN MILL PRODUCTS, NEC	1,239							1,239
2099 MISCELLANEOUS FOOD PRODUCTS	1,286							1,286
2611 PULP	6,375							6,375
2631 PAPER AND PAPERBOARD	14,240							14,240
2810 SODIUM HYDROXIDE	177,025	144,269			32,756			
2811 CRUDE TAR, OIL, GAS PRODUCTS	8,325				8,325			
2813 ALCOHOLS	47,478	14,048			31,992			1,438
2817 BENZENE AND TOLUENE	6,171				6,171			
2819 BASIC CHEMICALS AND PROD, NEC	28,111	2,439			23,446			2,226
2871 NITROGENOUS CHEM FERTILIZERS	91,404	10,060			81,344			
2872 POTASSIC CHEM FERTILIZERS	4,163				4,163			
2873 PHOSPHATIC CHEM FERTILIZERS	13,846				13,846			
2879 FERTILIZER AND MATERIALS, NEC	10,713				10,713			
2911 GASOLINE	1,007,258	368,517		120,587	518,154			
2912 JET FUEL	423,169	6,441		300,621	102,061	1,020	11,005	1,021
2914 DISTILLATE FUEL OIL	658,332	326,684			331,648			
2915 RESIDUAL FUEL OIL	360,119	181,451	1,458		177,210			
2916 LUBRICATING OILS AND GREASES	72,747				72,747			
2917 NAPHTHA, PETROLEUM SOLVENTS	21,137	1,678	3,271		16,188			
2918 ASPHALT, TAR, AND PITCHES	35,611	10,199			25,412			
2921 LIQUEFIED GASES	21,606	12,972	1,204		7,430			
2991 PETROLEUM AND COAL PROD, NEC	37,079			37,079				
3011 RUBBER AND MISC PLASTIC PROD	50			50				
3241 BUILDING CEMENT	145,907	34,703			111,204			
3291 MISC NONMETALLIC MINERAL PROD	9,000				9,000			
3314 IRON AND STEEL PRIMARY FORMS	22,879				20,934			1,945
3316 IRON AND STEEL PLATES, SHEETS	19,040				19,040			
3317 IRON AND STEEL PIPE AND TUBE	31,746							31,746
3411 FABRICATED METAL PRODUCTS	504	422	82					
3511 MACHINERY, EXCEPT ELECTRICAL	5,742	1,550	1,800		2,392			
3611 ELECTRICAL MACH AND EQUIP	1,200							
3731 SHIPS AND BOATS	133	133						
3791 MISC TRANSPORTATION EQUIPMENT	750	750						
4029 WASTE AND SCRAP, NEC	21,709	21,709						
4111 WATER	83				83			
4118 WATERWAY IMPROVEMENT MAT	46,000				46,000			
4119 EMPTY CONTAINERS	402							402
TOTAL TON-MILES, 655,275,596.								
AVERAGE HAUL PER TON, 105.6 MILES.								

GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: PENSACOLA BAY, FLA., TO MOBILE BAY, ALA., 46 MILES. CONTROLLING DEPTH: 12.0 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	7,930,036	1982	6,947,169
1978	8,949,163	1983	7,243,491
1979	7,915,863	1984	9,408,537
1980	7,566,207	1985	9,491,846
1981	8,255,641	1986	11,282,792

GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO
MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INTERNAL THROUGH		INTERNAL THROUGH		TOTAL
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	
TOTAL -----	11,282,792	1,085,369	7,815	100,000	5,210	9,526,779	49,634	507,985
0103 CORN-----	55,347					54,359	988	
0104 OATS-----	29,217					29,217		
0105 RICE-----	5,511					5,511		
0107 WHEAT-----	38,891						17,773	21,118
0111 SOYBEANS-----	64,036						22,663	41,373
0119 OILSEEDS, NEC-----	8,961	1,051				1,100	6,010	
0911 FRESH FISH, EXCEPT SHELLFISH-----	10			10				
0912 SHELLFISH, EXCEPT PREPARED-----	276			276				
0931 MARINE SHELLS, UNMANUFACTURED-----	99,400			28,250		71,150		
1051 ALUMINUM ORES, CONCENTRATES-----	13,402							13,402
1121 COAL AND LIGNITE-----	5,809,849			3,000		5,806,849		
1311 CRUDE PETROLEUM-----	7,618	4,990						
1411 LIMESTONE-----	43,504			1,310		42,194		
1402 SAND, GRAVEL, CRUSHED ROCK-----	377,180			65,754	5,210	306,216		
1451 CLAY-----	13,403					660		12,735
1493 SULPHUR, LIQUID-----	106,023							106,023
1494 GYPSUM, CRUDE AND PLASTERS-----	6,173					6,173		
1499 NONMETALLIC MINERALS, NEC-----	11,889	1,504				9,135		1,250
2042 ANIMAL FEEDS-----	12,781					4,118		8,663
2049 GRAIN MILL PRODUCTS, NEC-----	15,179							15,179
2099 MISCELLANEOUS FOOD PRODUCTS-----	10,881						2,200	8,681
2611 PULP-----	6,375							6,375
2631 PAPER AND PAPERBOARD-----	14,240							14,240
2810 SODIUM HYDROXIDE-----	185,629	144,269				41,360		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	6,325					6,325		
2813 ALCOHOLS-----	47,478	14,048				31,992		1,438
2817 BENZENE AND TOLUENE-----	6,171					6,171		
2819 BASIC CHEMICALS AND PROD, NEC-----	195,823	2,439				191,158		2,226
2871 NITROGENOUS CHEM FERTILIZERS-----	119,537	10,060				94,030		15,247
2872 POTASSIC CHEM FERTILIZERS-----	13,282			1,400		11,882		
2873 PHOSPHATIC CHEM FERTILIZERS-----	13,846					13,846		
2879 FERTILIZER AND MATERIALS, NEC-----	12,215							1,502
2911 GASOLINE-----	1,259,386	368,517				690,869		
2912 JET FUEL-----	482,614	6,441				464,147		12,026
2914 DISTILLATE FUEL OIL-----	772,455	324,120				442,580		5,755
2915 RESIDUAL FUEL OIL-----	513,739	122,564	1,458			288,654		101,063
2916 LUBRICATING OILS AND GREASES-----	72,747					72,747		
2917 VAPORINA, PETROLEUM SOLVENTS-----	28,666	1,678	3,271			20,319		3,398
2918 ASPHALT, TAR, AND PITCHES-----	234,731	10,199				220,872		3,660
2921 LIQUEFIED GASES-----	83,235	12,972	1,204			69,059		
2991 PETROLEUM AND COAL PROD, NEC-----	81,248					74,506		6,742
3011 RUBBER AND MISC PLASTIC PROD-----	50					50		
3241 BUILDING CEMENT-----	145,907	34,703				111,204		
3291 MISC NONMETALLIC MINERAL PROD-----	20,465					20,465		
3312 SLAG-----	981							981
3314 IRON AND STEEL PRIMARY FORMS-----	22,879					20,934		1,945
3316 IRON AND STEEL PLATES, SHEETS-----	21,503					21,503		
3317 IRON AND STEEL PIPE AND TUBE-----	31,746							31,746
3319 IRON AND STEEL PRODUCTS, NEC-----	11,493					11,493		
3411 FABRICATED METAL PRODUCTS-----	504	422	82					
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,875	1,550	1,800			2,499		26
3611 ELECTRICAL MACH AND EQUIP-----	1,200							
3731 SHIPS AND BOATS-----	133	133						
4011 IRON AND STEEL SCRAP-----	70,789							70,789
4029 WASTE AND SCRAP, NEC-----	21,709	21,709						
4111 WATER-----	83					83		
4110 WATERWAY IMPROVEMENT MAT-----	44,000					44,000		
4119 EMPTY CONTAINERS-----	482							482
TOTAL TON-MILES, 526,336,576.								

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO
NEW ORLEANS, LA.* (INCLUDED IN GULF INTRACOASTAL
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: MOBILE BAY, ALA., VIA THE MISSISSIPPI SOUND AND NEW ORLEANS-RIGOLETS CUT TO THE INNERHARBOR NAVIGATION CANAL AT NEW ORLEANS, LA., 13 1/2 MILES; ALTERNATE ROUTE, MOUTH OF RIGOLETS THROUGH LAKE PONTCHARTRAIN TO NEAR END OF INNERHARBOR NAVIGATION CANAL. CONTROLLING DEPTH: MOBILE BAY, ALA., TO NEW ORLEANS, LA., 12.0 FEET; ALTERNATE ROUTE, 8 FEET. PROJECT DEPTH: MOBILE BAY, ALA., TO NEW ORLEANS, LA., 12 FEET; ALTERNATE ROUTE, 7 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	24,795,828	1982-----	18,184,211
1978-----	22,610,406	1983-----	16,524,665
1979-----	21,230,833	1984-----	20,413,239
1980-----	19,124,329	1985-----	21,577,873
1981-----	17,342,703	1986-----	23,589,414

* TRAFFIC FROM RIGOLETS TO INNERHARBOR NAV. CANAL, 20,024,383 TON

Waterborne Commerce of the United States, 1986

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA. (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		THROUGH EASTBOUND	COASTWISE THROUGH		INBOUND EASTBOUND	OUTBOUND EASTBOUND	INTERNAL		THROUGH WESTBOUND
			EASTBOUND	WESTBOUND			THROUGH EASTBOUND	WESTBOUND	
TOTAL	23,589,414	73,458	917,311	6,275	65,446	5,836	15,026,691	8,140	7,466,257
0103 CORN	141,453						136,168		5,285
0104 OATS	45,078						45,078		
0105 RICE	5,511						5,511		
0106 BORGHUM GRAINS	26,465						1,886		24,579
0107 WHEAT	96,703						31,383		65,320
0111 SOYBEANS	197,563						39,676		157,887
0119 OILSEEDS, NEC	7,790		1,851				1,100		4,839
0911 FRESH FISH, EXCEPT SHELLFISH	32						32		
0912 SHELLFISH, EXCEPT PREPARED	1,359						1,359		
0931 MARINE SHELLS, UNMANUFACTURED	754,605				81,400		637,300		36,105
1011 IRON ORE AND CONCENTRATES	35,796						23,534		12,262
1051 ALUMINUM ORES, CONCENTRATES	30,676						8,636		22,040
1061 MANGANESE ORES, CONCENTRATES	13,753						5,266		8,487
1091 NONFERROUS ORES, CONCENTRATES	48,794						48,794		
1121 COAL AND LIGNITE	7,546,272						6,782,551		763,721
1311 CRUDE PETROLEUM	3,023,676	58,211	4,990				930,101		2,030,374
1411 LIMESTONE	40,754						40,754		
1402 SAND, GRAVEL, CRUSHED ROCK	76,657				1,172		40,632		35,453
1451 CLAY	23,923						11,188		12,735
1493 SULPHUR, LIQUID	147,276								147,276
1499 GYPSUM, CRUDE AND PLASTERS	14,223						8,173		6,050
1499 NONMETALLIC MINERALS, NEC	180,680		1,504				105,926		1,250
1911 ORDNANCE AND ACCESSORIES	4,552						3,210		1,342
2042 ANIMAL FEEDS	64,219						38,659		25,560
2049 GRAIN MILL PRODUCTS, NEC	35,306						11,133		24,173
2062 MOLASSES	4,688						4,216		472
2091 VEGETABLE OILS, MARG, SHORT	42,978						18,248		24,730
2099 MISCELLANEOUS FOOD PRODUCTS	15,300						5,799		9,501
2211 BASIC TEXTILE PRODUCTS	1,568						1,568		
2414 TIMBER, POSTS, POLES, PILING	1,078								1,078
2415 PULPHOOD, LOG	30,038								30,038
2416 WOOD CHIPS, STAVES, MOLDINGS	4,800								4,800
2421 LUMBER	1,400								1,400
2411 PULP	111,159								111,159
2431 PAPER AND PAPERBOARD	17,040								17,040
2810 SODIUM HYDROXIDE	550,661		137,969				326,645		86,047
2811 CRUDE TAR, OIL, GAS PRODUCTS	42,500						42,500		
2813 ALCOHOLS	102,583		14,048				84,701		3,834
2817 BENZENE AND TOLUENE	96,318						96,087		2,231
2818 SULPHURIC ACID	207,686						113,576		94,110
2819 BASIC CHEMICALS AND PROD, NEC	606,574		2,439				275,094		329,041
2821 PLASTIC MATERIALS	3,144						3,144		
2822 SYNTHETIC RUBBER	63,737						63,737		
2841 SOAP	1,400						1,400		
2871 NITROGENOUS CHEM FERTILIZERS	144,333		10,860				103,267		31,006
2872 POTASSIC CHEM FERTILIZERS	94,477						14,789		79,688
2873 PHOSPHATIC CHEM FERTILIZERS	18,275						15,337		2,938
2879 FERTILIZER AND MATERIALS, NEC	166,399						72,056		94,343
2881 MISCELLANEOUS CHEMICAL PROD	2,958						1,358		1,600
2911 GASOLINE	2,200,206		362,535				1,263,437		574,234
2912 JET FUEL	774,161		3,212				474,992		296,857
2913 KEROSENE	37,004								37,004
2914 DISTILLATE FUEL OIL	1,144,559		304,173		2,874		654,213		183,299
2915 RESIDUAL FUEL OIL	1,414,606		36,626			5,836	1,010,267	8,140	353,737
2916 LUBRICATING OILS AND GREASES	82,271						82,271		
2917 NAPHTHA, PETROLEUM SOLVENTS	400,960			3,271			38,629		359,060
2918 ASPHALT, TAR, AND PITCHES	817,465						489,158		328,307
2920 COKE, PETROLEUM COKE	36,599						27,193		9,406
2921 LIQUEFIED GASES	235,818		12,972	1,204			115,380		108,262
2921 PETROLEUM AND COAL PROD, NEC	136,726						106,569		30,157
3011 RUBBER AND MISC PLASTIC PROD	499						89		410
3241 BUILDING CEMENT	540,222	15,247					168,921		356,054
3251 STRUCTURAL CLAY PRODUCTS	2,260						1,460		800
3291 MISC NONMETALLIC MINERAL PROD	131,268						20,465		110,803
3311 PIG IRON	16,827						15,955		872
3312 SLAG	27,324						26,343		981
3314 IRON AND STEEL, PRIMARY FORMS	100,543						61,831		38,712
3315 IRON, STEEL SHAPES, EXC SHEET	35,687						33,983		1,704
3316 IRON AND STEEL PLATES, SHEETS	41,506						38,533		2,973
3317 IRON AND STEEL PIPE AND TUBE	78,056						278		77,778
3318 FERROALLOYS	79,622						43,455		36,167
3319 IRON AND STEEL PRODUCTS, NEC	15,608						12,808		2,800
3324 ALUMINUM AND ALLOYS, UNWORKED	1,236								1,236
3411 FABRICATED METAL PRODUCTS	13,444		340				9,765		3,339
3511 MACHINERY, EXCEPT ELECTRICAL	7,533		1,550	1,800			4,145		36
3611 ELECTRICAL MACH AND EQUIP	1,421		1,200				221		
3731 SHIPS AND BOATS	303		133				250		
4011 IRON AND STEEL SCRAP	204,690						9,733		194,957
4022 WASTE AND SCRAP, NEC	73,510		21,709				26,550		25,251
4111 WATER	83						83		
4112 COMMODITIES, NEC	3,605						800		2,805
4113 WATERWAY IMPROVEMENT MAT	28,000						8,000		20,000
4119 EMPTY CONTAINERS	402								402

TOTAL TON-MILES, 2,435,269,377.
AVERAGE MAUL PER TON, 103.2 MILES.

GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO
SABINE RIVER, TEX., (INCLUDED IN GULF INTRACOASTAL
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: FROM HARVEY AND ALGERS LOCKS AT NEW ORLEANS TO SABINE RIVER, TEX., 266 MILES. CONTROLLING DEPTH (MEAN LOW GULF):
HARVEY AND ALGERS LOCKS TO SABINE RIVER, TEX., 12 FEET, EXCEPT 10 FEET INTERMITTENTLY BETWEEN NEW ORLEANS AND SABINE RIVER, TEXAS.
PROJECT DEPTH: HARVEY AND ALGERS LOCKS TO SABINE RIVER, TEX., 16 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	63,277,175	1982	50,372,504
1978	61,753,493	1983	51,545,852
1979	55,947,248	1984	55,840,886
1980	54,916,394	1985	63,092,992
1981	52,591,854	1986	64,471,682

* GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE, NOT INCLUDED. FOR THIS COMMERCE REFER TO INDEX.
* PASSENGERS--797,403.

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE		
		IMPORTS	EXPORTS	SHIPMENTS	THROUGH	
					EASTBOUND	WESTBOUND
TOTAL	96,924	147	21,833	1,504	70,169	3,271
0103 CORN	14		14			
0105 RICE	1,658		1,658			
0119 OILSEEDS, NEC	1,851				1,851	
1311 CRUDE PETROLEUM	4,990				4,990	
1494 GYPSUM, CRUDE AND PLASTERS	184		184			
1499 NONMETALLIC MINERALS, NEC	1,504			1,504		
2022 DRIED MILK AND CREAM	5,522		5,522			
2041 WHEAT FLOUR AND SEMOLINA	3,274		274			
2049 GRAIN MILL PRODUCTS, NEC	3,291		3,291			
2091 VEGETABLE OILS, MARG, SHORT	705		705			
2099 MISCELLANEOUS FOOD PRODUCTS	6,591		6,591			
2114 TOBACCO MANUFACTURES	1		1			
2211 BASIC TEXTILE PRODUCTS	1		1			
2810 SODIUM HYDROXIDE	21,228				21,228	
2813 ALCOHOLS	5,593				5,593	
2819 BASIC CHEMICALS AND PROD, NEC	2,478		39		2,439	
2851 PAINTS	28		28			
2891 MISCELLANEOUS CHEMICAL PROD	5		5			
2914 DISTILLATE FUEL OIL	606				606	
2915 RESIDUAL FUEL OIL	6,285				6,285	
2916 LUBRICATING OILS AND GREASES	12		12			
2917 NAPHTHA, PETROLEUM SOLVENTS	3,271				3,271	
2921 LIQUEFIED GASES	6,654				6,654	
3011 RUBBER AND MISC PLASTIC PROD	10		10			
3317 IRON AND STEEL PIPE AND TUBE	108		108			
3321 NONFERROUS METALS, NEC	5		5			
3411 FABRICATED METAL PRODUCTS	743	147	286		310	
3511 MACHINERY, EXCEPT ELECTRICAL	887		787		100	
3611 ELECTRICAL MACH AND EQUIP	63		63			
3711 MOTOR VEHICLES, PARTS, EQUIP	162		162			
3731 SHIPS AND BOATS	2,034		2,034			
3791 MISC TRANSPORTATION EQUIPMENT	4		4			
4011 INSTR, TIME, PHOTO, OPT GOODS	21		21			
4011 IRON AND STEEL SCRAP	11		11			
4029 WASTE AND SCRAP, NEC	20,113				20,113	
8112 COMMODITIES, NEC	17		17			
TON-MILES, OCEANGOING	18,156,091.					

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND		OUTBOUND		THROUGH		
			EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND			
TOTAL	64,374,738	229,785	2,512,790	5,200,658	25,870,502	366,097	2,105,100	5,533,510	22,476,096
0101 COTTON, RAW	4,115				4,115				
0103 CORN	149,616				149,616				
0104 OATS	89,413				1,648				87,765
0105 RICE	186,309				120,604				65,705
0106 SORGHUM GRAINS	75,232				43,081				32,151
0107 WHEAT	84,214				75,412				8,802
0111 SOYBEANS	292,347				289,224				3,123
0911 FRESH FISH, EXCEPT SHELLFISH	601			98		485			
0912 SHELLFISH, EXCEPT PREPARED	2,142			2,015		127			
0931 MARINE SHELLS, UNMANUFACTURED	2,370,877			199,050	820	562,650	529,782	360	1,078,215
1011 IRON ORE AND CONCENTRATES	1,470					1,470			
1051 ALUMINUM ORES, CONCENTRATES	24,751			3,264					21,487
1081 MANGANESE ORES, CONCENTRATES	22,320					2,625			19,695
1091 NONFERROUS ORES, CONCENT, NEC	5,084					5,084			
1121 COAL AND LIGNITE	71,773					6,109			65,664
1311 CRUDE PETROLEUM	17,551,444	205,869	1,488,076	2,486,445	2,493,734	260,404	983,640	2,656,306	6,984,970
1411 LIMESTONE	245,937			26,282				12,694	204,961
1442 SAND, GRAVEL, CRUSHED ROCK	525,936			2,779	25			146,178	5,449
1451 CLAY	212,247	915		15,865		32,177	2,169	44,084	11,656

Waterborne Commerce of the United States, 1986

GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO
SABINE RIVER, TEX. (INCLUDED IN GULF INTRACOASTAL
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND		OUTBOUND		THROUGH	WESTBOUND	INBOUND		OUTBOUND		THROUGH
			EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	
1492 SULPHUR, DRY	3,030			19			3,011						
1493 SULPHUR, LIQUID	239,074						234,099						4,975
1494 GYPSUM, CRUDE AND PLASTERS	9,188												9,188
1499 NONMETALLIC MINERALS, NEC	4,750,134	200	24,513	2,509,862	2,024,220	15,177	18,230						155,532
2014 TALLOW, ANIMAL FATS AND OILS	13,220						1,378						11,842
2039 PREP FRUIT AND VEG JUICE, NEC	1,417						1,417						
2041 WHEAT FLOUR AND SEMOLINA	37,260						37,260						
2042 ANIMAL FEEDS	107,775			32,897			51,437						23,441
2049 GRAIN MILL PRODUCTS, NEC	133,130						89,910						43,220
2041 SUGAR	276,968						163,941						113,027
2062 MOLASSES	86,816						15,155				1,607		70,054
2091 VEGETABLE OILS, MARG, SHORT	10,425			5,438				3,411					1,576
2092 ANIMAL OILS AND FATS, NEC	2,955						1,276						1,689
2094 GROCERIES	2,561		752	48						955			806
2099 MISCELLANEOUS FOOD PRODUCTS	85,207	2,217		400		19,097	11,230	1,109		28,700			22,454
2212 TEXTILE FIBERS, NEC	12,700												12,700
2414 TIMBER, POSTS, POLES, PILING	292			192							100		
2421 LUMBER	920			250							670		
2431 VENEER, PLYWOOD, WORKED WOOD	19,728						19,478						250
2511 FURNITURE AND FIXTURES	9								9				
2621 STANDARD NEWSPRINT PAPER	19,159												19,159
2631 PAPER AND PAPERBOARD	1,081												1,081
2691 PULP AND PAPER PRODUCTS, NEC	125			52					62		11		
2810 SODIUM HYDROXIDE	1,192,259			5		661,836							537,418
2811 CRUDE TAR, OIL, GAS PRODUCTS	422,888					161,394							261,494
2813 ALCOHOLS	1,019,227					787,281					142		231,804
2817 BENZENE AND TOLUENE	1,553,280					632,864							920,416
2818 SULPHURIC ACID	224,979					157,948							66,131
2819 BASIC CHEMICALS AND PROD, NEC	6,638,961		33,918	3,770	4,792,242			1,795		401,897			1,405,339
2821 PLASTIC MATERIALS	1,206					1,206							
2841 SOAP	10			10									
2871 NITROGENOUS CHEM FERTILIZERS	433,809					55,273							378,536
2872 POTASSIC CHEM FERTILIZERS	38,477					21,335							17,142
2873 PHOSPHATIC CHEM FERTILIZERS	62,672					2,859							59,813
2879 FERTILIZER AND MATERIALS, NEC	202,665					41,639							161,026
2891 MISCELLANEOUS CHEMICAL PROD	159,509		1,398			106,927							51,184
2911 GASOLINE	3,733,463		82,627		2,197,328								1,453,508
2912 JET FUEL	994,846		45,397	407	660,159					4,021			284,862
2913 KEROSENE	224,168				214,178								9,990
2914 DISTILLATE FUEL OIL	2,719,135	17,243	107,507	65,697	912,419	83,556	115,297	578,208					839,206
2915 RESIDUAL FUEL OIL	6,126,677		297,789	8,466	3,228,646		139,551						2,452,225
2916 LUBRICATING OILS AND GREASES	1,431,879		5,744		1,273,285								152,850
2917 NAPHTHA, PETROLEUM SOLVENTS	2,430,213				1,500,591						1,607		928,015
2918 ASPHALT, TAR, AND BITUMENS	291,404		5,064	6,200	181,908		7,908						90,324
2920 COKE, PETROLEUM COKE	1,185,333				561,735								623,598
2921 LIQUEFIED GASES	731,605				711,765								19,840
2991 PETROLEUM AND COAL PROD, NEC	283,410		7,449		168,005					1,008			106,948
3011 RUBBER AND MISC PLASTIC PROD	4		4										
3241 BUILDING CEMENT	577,224	771	698	11,515	10,825	1,702	1,945	436,913					112,855
3271 LIME	13,653		2,964	24				1,454					9,211
3291 MISC NONMETALLIC MINERAL PROD	16,050			300				15,750					
3311 PIG IRON	4,980			11									4,969
3312 SLAG	81,377				24,939								56,438
3314 IRON AND STEEL PRIMARY FORMS	117,090		8		19,129		1,454						96,499
3315 IRON, STEEL SHAPES, EXC SHEET	333,184		2,717		121,085	982							208,400
3316 IRON AND STEEL PLATES, SHEETS	203,928		27,012		54,849		2,398						119,869
3317 IRON AND STEEL PIPE AND TUBE	735,870	704	34,534	13,143	12,138	2,543	39,442	436,700					196,666
3318 FERROALLOYS	47,280				1,400								45,880
3319 IRON AND STEEL PRODUCTS, NEC	21,006				1,966								19,040
3322 COPPER ALLOYS, UNWORKED	57												57
3324 ALUMINUM AND ALLOYS, UNWORKED	30,120												30,120
3411 FABRICATED METAL PRODUCTS	33,202	1	17,577	248	261		7,948	988					8,183
3511 MACHINERY, EXCEPT ELECTRICAL	72,778	54	17,845	16,785	7,702	414	9,860	9,873					10,245
3611 ELECTRICAL MACH AND EQUIP	249		52				44						153
3711 MOTOR VEHICLES, PARTS, EQUIP	307			15				13					279
3731 SHIPS AND BOATS	207				200								7
3791 MISC TRANSPORTATION EQUIPMENT	42			10				32					
3911 MISC MANUFACTURED PRODUCTS	533,802	360	48,449	16,977	821	222	2,292	463,425					1,236
4011 IRON AND STEEL SCRAP	886,297			29,203	83,290		1,282						772,522
4029 WASTE AND SCRAP, NEC	187,498		2		13,132								174,364
4111 WATER	552,054	1,431	8,546	54,510	2,522	2,253	16,457	464,037					2,298
4112 COMMODITIES, NEC	51,916		2,860	943	31,564		10	492		10,142			5,905
4118 WATERWAY IMPROVEMENT MAT	35,972							5,264					30,308
4119 EMPTY CONTAINERS	1,559		434	329	10			276		505			

TON-MILES, INTERNAL, 9,139,932,734.

TONS, ALL TRAFFIC, 64,471,662.

TON-MILES, ALL TRAFFIC, 9,158,088,825.

AVERAGE MAUL PER TON, 142.0 MILES.

GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: SABINE RIVER TO GALVESTON, TEX., 85.7 MILES. CONTROLLING DEPTH: 13 FEET. PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	45,486,574	1982	38,798,688
1978	43,703,545	1983	40,165,385
1979	42,920,273	1984	43,810,015
1980	41,976,730	1985	42,529,396
1981	43,092,704	1986	47,446,688

FREIGHT TRAFFIC, 1986

OCEANGOING
(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE		
		SHIPMENTS	THROUGH	
			EASTBOUND	WESTBOUND
TOTAL	45,558	6,891	35,396	3,271
0119 OILSEEDS, NEC	1,851		1,851	
1311 CRUDE PETROLEUM	4,990		4,990	
2813 ALCOHOLS	5,593		5,593	
2819 BASIC CHEMICALS AND PROD, NEC	2,439		2,439	
2914 DISTILLATE FUEL OIL	606	606		
2915 RESIDUAL FUEL OIL	6,285	6,285		
2917 NAPHTHA, PETROLEUM SOLVENTS	3,271			3,271
3411 FABRICATED METAL PRODUCTS	310			310
3511 MACHINERY, EXCEPT ELECTRICAL	100			100
4029 WASTE AND SCRAP, NEC	20,113			20,113
TON-MILES, OCEANGOING	2,420,906.			

INTERNAL
(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND		OUTBOUND		THROUGH EASTBOUND	THROUGH WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
			EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND					
TOTAL	47,401,050	5,167	232,936	1,946,243	20,620,966	37,280	1,306,096	2,013,072	21,239,270		
0101 COTTON, RAW	4,115				4,115						
0103 CORN	1,656				1,656						
0104 OATS	89,413				1,648						87,765
0105 RICE	97,827			16,602	11,554			5,200			64,471
0106 SOYBEAN GRAINS	42,372				10,221						32,151
0107 WHEAT	33,959				26,490						7,469
0111 SOYBEANS	28,828			1,582	24,123						3,123
0931 MARINE SHELLS, UNMANUFACTURED	718,967						255,100				463,867
1011 IRON ORE AND CONCENTRATES	1,470				1,470						
1051 ALUMINUM ORES, CONCENTRATES	14,487										14,487
1061 MANGANESE ORES, CONCENTRATES	22,320				2,825						19,495
1091 NONFERROUS ORES, CONCENT, NEC	5,084				5,084						
1121 COAL AND LIGNITE	71,773			6,109							65,664
1311 CRUDE PETROLEUM	9,307,010			70,722	1,438,032		160,984	269,037	7,368,235		13,704
1411 LIMESTONE	32,957		7,736		3,181		8,336				162,253
1442 SAND, GRAVEL, CRUSHED ROCK	374,017		114,097		47,455		50,212				10,119
1451 CLAY	19,513				9,394						
1492 SULPHUR, DRY	3,011				3,011						
1493 SULPHUR, LIQUID	239,074				234,099						4,975
1499 NONMETALLIC MINERALS, NEC	146,670		4,761	1,572	72,333		4,622				63,382
2014 TALLOW, ANIMAL FATS AND OILS	13,220				1,378						11,842
2039 PREP FRUIT AND VEG JUICE, NEC	1,417				1,417						
2041 WHEAT FLOUR AND SEMOLINA	34,390				34,390						
2042 ANIMAL FEEDS	31,138			2,891	9,986		2,527				15,734
2049 GRAIN MILL PRODUCTS, NEC	92,618			1,230	60,300						31,088
2061 SUGAR	18,694				18,694						
2062 MOLASSES	45,324				4,013						41,316
2091 VEGETABLE OILS, MARG, SHORT	1,576										1,576
2099 MISCELLANEOUS FOOD PRODUCTS	25,387				12,077		10,514				2,796
2212 TEXTILE FIBERS, NEC	12,700										12,700
2431 VENEER, PLYWOOD, WORKED WOOD	18,898			18,648							250
2621 STANDARD NEWSPRINT PAPER	19,159										19,159
2631 PAPER AND PAPERBOARD	1,081										1,081
2810 SODIUM HYDROXIDE	799,280				333,557		16,429				449,294
2811 CRUDE TAR, OIL, GAS PRODUCTS	525,701				167,037						358,664
2813 ALCOHOLS	1,271,570		7,020		830,958						433,592
2817 BENZENE AND TOLUENE	2,002,000		17,524	111,968	645,092	1,541	15,877	92,338	1,117,660		74,681
2818 SULPHURIC ACID	232,689				158,008						74,681
2819 BASIC CHEMICALS AND PROD, NEC	7,119,212		2,699	180,969	5,022,909		2,627	302,203	1,607,805		
2821 PLASTIC MATERIALS	1,206				1,206						
2871 NITROGENOUS CHEM FERTILIZERS	374,152				3,053						371,097
2872 POTASSIC CHEM FERTILIZERS	23,004				21,335						1,669
2873 PHOSPHATIC CHEM FERTILIZERS	54,989				2,859						52,130
2879 FERTILIZER AND MATERIALS, NEC	196,650				38,770						157,880
2891 MISCELLANEOUS CHEMICAL PROD	96,020				40,774						55,246
2911 GASOLINE	4,435,098		8,377	65,318	2,677,990		320,627	41,520	1,321,266		
2912 JET FUEL	1,280,858			89,212	564,956			134,036	496,654		
2913 KEROSENE	211,810				211,810						
2914 DISTILLATE FUEL OIL	2,218,057		18,108	40,809	1,208,407		65,465	134,950	750,318		
2915 RESIDUAL FUEL OIL	7,031,534		19,244	850,736	2,615,898	35,739	200,500	951,692	2,361,663		

GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND	OUTBOUND	THROUGH	WESTBOUND	INBOUND	OUTBOUND	THROUGH
			EASTBOUND	EASTBOUND	EASTBOUND		WESTBOUND	WESTBOUND	WESTBOUND
0912 SNELLFISH, EXCEPT PREPARED----	502		502						
0931 MARINE SHELLS, UNMANUFACTURED----	257,039						249,714		7,325
1011 IRON ORE AND CONCENTRATES----	1,470				1,470				
1051 ALUMINUM ORES, CONCENTRATES----	14,487								14,487
1061 MANGANESE ORES, CONCENTRATES----	4,275				2,825				1,450
1091 NONFERRUS ORES, CONCENT, NEC----	2,777				2,777				
1121 COAL AND LIGNITE-----	10,901								10,901
1311 CRUDE PETROLEUM-----	2,392,090			304,728	367,491		115,885	96,204	1,427,782
1442 SAND, GRAVEL, CRUSHED ROCK----	1,306,945		288,199		685,785		73,747		259,214
1451 CLAY-----	20,572			12,454			1,604	165	6,349
1493 SULPHUR, LIQUID-----	89,554		1,324		16,407		4,975	19,345	
1499 NONMETALLIC MINERALS, NEC-----	46,090			6,143	11,991		415	1,135	26,406
2039 PREP FRUIT AND VEG JUICE, NEC----	1,417				1,417				
2041 WHEAT FLOUR AND SEMOLINA-----	25,715			20,855	4,860				
2042 ANIMAL FEEDS-----	4,528				4,528				
2049 GRAIN MILL PRODUCTS, NEC-----	55,105				31,080		1,970		22,055
2061 SUGAR-----	18,694				18,694				
2094 GROCERIES-----	46			46					
2095 ICE-----	2,000							2,000	
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,850			830			820		
2491 ADD MANUFACTURES, NEC-----	42			42					
2621 STANDARD NEWSPRINT PAPER-----	5,109								5,109
2631 PAPER AND PAPERBOARD-----	1,081								1,081
2691 PULP AND PAPER PRODUCTS, NEC----	10			10					
2810 SODIUM HYDROXIDE-----	515,389				275,298		2,947		237,144
2811 CRUDE TAR, OIL, GAS PRODUCTS----	315,171				115,800		1,403		197,971
2813 ALCOHOLS-----	1,129,920				378,013				751,907
2817 BENZENE AND TOLUENE-----	813,312				438,108				375,204
2818 SULPHURIC ACID-----	461,104				12,740				448,364
2819 BASIC CHEMICALS AND PROD, NEC----	4,678,875			10,539	2,936,664		4,984	1,742	1,724,946
2871 NITROGENOUS CHEM FERTILIZERS----	236,777						30,950		205,827
2872 POTASSIC CHEM FERTILIZERS-----	1,506			1,506					
2873 PHOSPHATIC CHEM FERTILIZERS-----	20,531								20,531
2879 FERTILIZER AND MATERIALS, NEC----	12,677								12,677
2891 MISCELLANEOUS CHEMICAL PROD-----	27,577				19,972				7,605
2911 GASOLINE-----	3,519,398			1,278	2,974,125		46,836		497,159
2912 JET FUEL-----	613,841				613,841				
2913 KEROSENE-----	102,784				102,784				
2914 DISTILLATE FUEL OIL-----	1,737,699		9,567	36,006	1,303,642		171,383	762	216,339
2915 RESIDUAL FUEL OIL-----	2,387,426		16,667	37,212	1,429,189	3,834	209,039	5,311	686,174
2916 LUBRICATING OILS AND GREASES-----	280,748			1,404	85,077		1,447		192,820
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,033,817			12,708	276,629				744,480
2918 ASPHALT, TAR, AND PITCHES-----	189,941				168,366				21,575
2920 COKE, PETROLEUM COKE-----	130,497				86,954				43,543
2921 LIQUEFIED GASES-----	9,263				4,851				4,412
2991 PETROLEUM AND COAL PROD, NEC----	362,796				181,039				181,757
3241 BUILDING CEMENT-----	71,680			2,979	750		41,431		26,520
3311 PIG IRON-----	1,461								1,461
3314 IRON AND STEEL PRIMARY FORMS-----	3,489				1,325		2,164		
3315 IRON, STEEL SHAPES, EXC SHEETS----	20,118				3,429		210		16,479
3316 IRON AND STEEL PLATES, SHEETS-----	24,729				6,541		1,562		16,626
3317 IRON AND STEEL PIPE AND TUBE-----	40,862			3,049			6,110	31	31,672
3318 FERROALLOYS-----	1,420								1,420
3319 IRON AND STEEL PRODUCTS, NEC-----	2,544				1,192				1,352
3411 FABRICATED METAL PRODUCTS-----	943			95			48		800
3511 MACHINERY, EXCEPT ELECTRICAL-----	12,403		163	5,708			2,550	682	3,300
3911 MIS MANUFACTURED PRODUCTS-----	42,507		1	41,259			1,243	4	
4011 IRON AND STEEL SCRAP-----	49,051				44,191		1,650		3,210
4029 WASTE AND SCRAP, NEC-----	603,889					1	603,888		
4111 WATER-----	52,140			39,521			11,935	684	
4112 COMMODITIES, NEC-----	8,217	10		2,853	400	20	4,934		
4118 WATERWAY IMPROVEMENT MAT-----	12,039				8,479				3,560
4119 EMPTY CONTAINERS-----	32						32		

TON-MILES, INTERNAL, 2,907,646,178.

TONS, ALL TRAFFIC, 23,819,762.

TON-MILES, ALL TRAFFIC, 2,909,568,056.

AVERAGE MAUL PER TON, 122.1 MILES.

GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN
BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY
CONSOLIDATED REPORT)

SECTION INCLUDED: CORPUS CHRISTI SHIP CHANNEL TO BROWNSVILLE, TEX., INCLUDING SIDE CHANNELS AND SMALL BOAT HARBOR AT PORT ISABEL, TEX., 146 MILES, CONTROLLING DEPTHS: CORPUS CHRISTI TO BROWNSVILLE, TEX., 10 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 11 FEET; SMALL BOAT HARBOR, 6.5 FEET. PROJECT DEPTHS: CORPUS CHRISTI TO BROWNSVILLE TEX., 12 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 12 FEET; AND SMALL BOAT HARBOR 9 AND 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,993,577	1982-----	2,066,270
1978-----	2,106,132	1983-----	1,782,427
1979-----	2,488,372	1984-----	1,877,348
1980-----	2,388,231	1985-----	2,128,564
1981-----	2,231,646	1986-----	1,723,040

Waterborne Commerce of the United States, 1986

GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN
 BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY
 CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	INBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL-----	1,723,040	1,851	244	267,206	31,115	786,767	639,767
0119 OILSEEDS, NEC-----	1,851	1,851					
0911 FRESH FISH, EXCEPT SHELLFISH-----	36					36	
0912 SHELLFISH, EXCEPT PREPARED-----	404		244			160	
1011 IRON ORE AND CONCENTRATES-----	1,470			1,470			
1091 ALUMINUM ORES, CONCENTRATES-----	14,487					14,487	
1061 MANGANESE ORES, CONCENTRATES-----	4,275			2,825		1,450	
1091 NONFERROUS ORES, CONCENTRATES-----	2,777			2,777			
1311 CRUDE PETROLEUM-----	213,264			213,264			
1442 SAND, GRAVEL, CRUSHED ROCK-----	196,559			18		106,032	90,509
1451 CLAY-----	6,349					6,349	
1493 SULPHUR, LIQUID-----	44,139					44,139	
1499 NONMETALLIC MINERALS, NEC-----	17,090			7,780		9,310	
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,417			1,417			
2042 ANIMAL FEEDS-----	4,528			4,528			
2061 SUGAR-----	18,694				18,694		
2095 ICE-----	632			632			
2619 BASIC CHEMICALS AND PROD, NEC-----	5,510			19		3,993	1,498
2671 NITROGENOUS CHEM FERTILIZERS-----	47,367						47,367
2679 FERTILIZER AND MATERIALS, NEC-----	4,565						4,565
2911 GASOLINE-----	796,536					368,871	427,665
2914 DISTILLATE FUEL OIL-----	126,680					64,298	62,382
2915 RESIDUAL FUEL OIL-----	10,361			6,425		3,936	
2916 LUBRICATING OILS AND GREASES-----	120,749			3		120,746	
2991 PETROLEUM AND COAL PROD, NEC-----	2,284					2,284	
3311 PIG IRON-----	1,461					1,461	
3314 IRON AND STEEL PRIMARY FORMS-----	1,325			1,325			
3315 IRON, STEEL SHAPES, EXC SHEET-----	18,159			1,680		14,698	1,781
3316 IRON AND STEEL PLATES, SHEETS-----	23,167			6,541		16,626	
3317 IRON AND STEEL PIPE AND TUBE-----	22			21		1	
3318 FERROALLOYS-----	1,420					1,420	
3319 IRON AND STEEL PRODUCTS, NEC-----	2,544			1,192		1,352	
3511 MACHINERY, EXCEPT ELECTRICAL-----	997			746		251	
3911 WISC MANUFACTURED PRODUCTS-----	164			126		38	
4011 IRON AND STEEL SCRAP-----	29,713			14,082	12,421	3,210	
4111 WATER-----	1,648			25		1,619	
4112 COMMODITIES, NEC-----	400			400			
TOTAL TON-MILES, 212,795,881.							
AVERAGE HAUL PER TON, 123.5 MILES.							

JACKSONVILLE, FL, DISTRICT GULF COAST AND ANTILLES PORTION

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OKEECHOBEE WATERWAY, FLA.

SECTION INCLUDED: JUNCTION WITH INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA., TO GULF OF MEXICO VIA CLEWISTON AND CHANNEL ACROSS LAKE OKEECHOBEE, 154.6 MILES; SOUTH SHORE LEVEE CHANNEL FROM PORT MAYACA TO CLEWISTON, 36.7 MILES; NATURAL CHANNELS ALONG NORTHERLY SHORE OF THE LAKE FROM PORT MAYACA TO MOORE HAVEN LOCK, 57.3 MILES; TAYLOR CREEK TO TOWN OF OKEECHOBEE, FLA., 4 MILES. CONTROLLING DEPTH: 8.0 FEET FROM GULF OF MEXICO TO PUNTA RASA, 3.8 MILES; THENCE 8 FEET TO FORT MYERS (EDISON MEMORIAL BRIDGE), 16.3 MILES; THENCE 8 FEET TO STUART, FLORIDA, THENCE 5 FEET TO THE INTRACOASTAL WATERWAY; AND 5 FEET IN TAYLOR CREEK. PROJECT DEPTH: 12 FEET, GULF OF MEXICO TO PUNTA RASA; THENCE 10 FEET TO FORT MYERS; THENCE TO THE INTRACOASTAL WATERWAY, 8 FEET VIA CLEWISTON AND THE CHANNEL ACROSS THE LAKE, OR 6 FEET VIA SOUTH SHORE LEVEE CHANNEL; AND 6 FEET IN TAYLOR CREEK TO THE TOWN OF OKEECHOBEE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	904,818	57,051	1982	633,990	27,271
1978	711,403	36,382	1983	87,734	17,921
1979	844,894	39,734	1984	586,895	555
1980	972,424	39,537	1985	409,129	20,090
1981	933,999	36,739	1986	1,320,298	20,751

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INBOUND	OUTBOUND	INTERNAL THROUGH		
		EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND	
TOTAL	1,320,298	5,915	1,524	1,300,090	6,382	1,737	2,800	1,850
0911 FRESH FISH, EXCEPT SHELLFISH	1,737					1,737		
0912 SHELLFISH, EXCEPT PREPARED	1,098			1,098				
2095 ICE	6,382				6,382			
2914 DISTILLATE FUEL OIL	7,030			7,030				
2915 RESIDUAL FUEL OIL	1,291,962			1,291,962				
2921 LIQUEFIED GASES	2,660	2,660						
3411 FABRICATED METAL PRODUCTS	504	422	82					
3511 MACHINERY, EXCEPT ELECTRICAL	6,842	750	1,442				2,800	1,850
3611 ELECTRICAL MACH AND EQUIP	1,200	1,200						
3731 SHIPS AND BOATS	133	133						
3791 MISC TRANSPORTATION EQUIPMENT	750	750						
TOTAL TON-MILES	23,098,154							

CHARLOTTE HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXICO TO MUNICIPAL TERMINAL AT PUNTA GORDA, ABOUT 29.5 MILES; WATERFRONT ON GASPARILLA ISLAND FROM PORT BOCA GRANDE TO BOCA GRANDE, 4.5 MILES; AND MYAKKA RIVER TO EL JOBEAN, 4 MILES. CONTROLLING DEPTH: 29.0 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE; THENCE 6 FEET TO PUNTA GORDA. PROJECT DEPTH: 32 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE, 4.5 MILES; THENCE 10 FEET TO THE MUNICIPAL TERMINAL AT PUNTA GORDA, 25 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,472,973	1982	877,126
1978	1,748,036	1983	938,461
1979	1,730,868	1984	586,872
1980	1,353,114	1985	477,358
1981	1,170,351	1986	1,392,845

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC			LOCAL
			COASTWISE		INTERNAL	
			RECEIPTS	RECEIPTS			SHIPMENTS
TOTAL	1,392,845	24	92,107	1,036	1,299,192	486
0911 FRESH FISH, EXCEPT SHELLFISH	973			497		486
0912 SHELLFISH, EXCEPT PREPARED	573	24		549		
2095 ICE	200				200	
2914 DISTILLATE FUEL OIL	7,030				7,030	
2915 RESIDUAL FUEL OIL	1,384,069		92,107		1,291,962	
TOTAL TON-MILES	4,362,714					

Waterborne Commerce of the United States, 1986

INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.

SECTION INCLUDED: MOUTH OF CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, 160 MILES. CONTROLLING DEPTH: 6 FEET, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER; 7 FEET IN CATS POINT CHANNEL ALONG THE SOUTHEASTERN SIDE OF BOCA CIEGA BAY AND ACROSS CATS POINT SHOAL. PROJECT DEPTH: 9 FEET, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, INCLUDING SUNSHINE SKYWAY BORROW CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	1,505,267	133,436	1982	1,199,899	121,502
1978	1,568,618	46,000	1983	1,398,631	75,368
1979	1,472,795	121,500	1984	1,325,712	100,936
1980	1,215,318	139,276	1985	602,289	101,626
1981	1,328,030	146,284	1986	1,417,175	106,185

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				THROUGH	
		THROUGH		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
		NORTHBOUND	SOUTHBOUND						
TOTAL	1,417,175	6,344	84,147	2,291	6,546	2,005	4,677	9,223	1,301,942
0911 FRESH FISH, EXCEPT SHELLFISH	10,708			1,606		1,972		6,930	
0912 SHELLFISH, EXCEPT PREPARED	216			98		26		33	65
1002 SAND, GRAVEL, CRUSHED ROCK	250				250				
2095 ICE	11,268			87	6,126			4,677	378
2810 SODIUM HYDROXIDE	6,300		6,300						
2813 ALCOHOLS	14,048		14,048						
2912 JET FUEL	6,441		6,441						
2914 DISTILLATE FUEL OIL	10,992		3,962						7,030
2918 RESIDUAL FUEL OIL	1,308,046		8,084						1,291,962
2921 LIQUEFIED GASES	9,424	2,770	6,654						
3201 BUILDING CEMENT	38,703		38,703						
3411 FABRICATED METAL PRODUCTS	504	82	422						
3811 MACHINERY, EXCEPT ELECTRICAL	10,192	3,492	1,450	300	150			1,850	2,950
3411 ELECTRICAL MACH AND EQUIP	1,200		1,200						
3734 SHIPS AND BOATS	133		133						
3791 MISC TRANSPORTATION EQUIPMENT	750		750						
TOTAL TON-MILES	42,571,972								

TAMPA HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXIC TO AND INCLUDING THE CHANNELS OF UPPER TAMPA HARBOR, 49.8 MILES; CHANNEL TO PORT TAMPA AND THENCE TO COURTNEY CAMPBELL PARKWAY, 17.5 MILES; A NATURAL CHANNEL LEADING FROM PORT TAMPA CHANNEL TOWARD ST. PETERSBURG, 1.8 MILES; ALAFIA RIVER CHANNEL, 3.6 MILES; HILLSBOROUGH RIVER TO CITY WATERWORKS DAM, 10 MILES; AND CHANNELS IN "LITTLE MANATEE RIVER, FLA." PROJECT. CONTROLLING DEPTH: 45.0 FEET IN EDGEMO BAR CHANNELS, 43.0 FEET IN TAMPA BAY CHANNELS, 33.0 FEET IN HILLSBOROUGH BAY CHANNELS, AND THE UPPER HARBOR CHANNELS 28.0 FEET; 34.0 FEET IN PORT TAMPA CHANNEL; 28.0 FEET IN ALAFIA RIVER CHANNEL; 10.0 FEET IN HILLSBOROUGH RIVER TO LAFAYETTE STREET BRIDGE, AND THENCE 6 FEET TO A POINT 2,000 FEET ABOVE COLUMBUS DRIVE BRIDGE. PROJECT DEPTH: 45 FEET IN EDGEMO BAR CHANNELS, 15.2 MILES IN CUTS 1 AND 2; THENCE 43 FEET IN MULLET KEY CUT, TAMPA BAY, HILLSBOROUGH BAY (CUT-C), PORT SUTTON ENTRANCE CHANNEL AND TURNING BASIN AND EAST BAY CHANNEL AND TURNING BASIN; HAVE BEEN CONSTRUCTED; ABOUT 33.3 MILES; 34 FEET IN LOWER AND UPPER SPARKMAN, YBOR, PORT TAMPA CHANNELS AND EAST BAY EXTENSION, ABOUT 13.3 MILES; 30 FEET IN ALAFIA RIVER CHANNEL AND TURNING BASIN (BEDDON AND BARRISON CHANNELS ARE INACTIVE), ABOUT 3.9 MILES; 12 FEET IN HILLSBOROUGH RIVER WITHIN 100 FEET OF LAFAYETTE STREET BRIDGE; 0.5 MILES; THENCE 9 FEET TO A POINT 2,000 FEET ABOVE THE COLUMBUS DRIVE BRIDGE, 2.4 MILES AND THENCE REMOVAL OF OBSTRUCTIONS TO CITY WATERWORKS DAM, 7.2 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS, COMMERCIAL	ADDITIONAL THROUGH TRAFFIC	YEAR	TONS	PASSENGERS, COMMERCIAL	ADDITIONAL THROUGH TRAFFIC
1977	45,619,951	1,762	3,189,969	1982	38,079,856		2,562,096
1978	47,077,047	7,339	3,136,560	1983	41,434,462	3,528	2,962,565
1979	47,884,590	3,962	2,623,275	1984	46,517,226	302	2,182,243
1980	40,625,160		4,252,834	1985	46,904,727	96,000	4,016,327
1981	44,978,668	2,000	4,150,283	1986	39,909,011	110,007	4,612,776

* EFFECTIVE WITH 1973 INCLUDES BEGOING TRAFFIC TO AND FROM PORT MANATEE, FLA.; ST. PETERSBURG, FLA.; AND NEEDON ISLAND, FLA. PRIOR TO 1973 THROUGH TRAFFIC CONSISTED OF BEGOING TRAFFIC TO AND FROM NEEDON ISLAND.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	39,909,011	4,571,952	11,218,557	16,286,044	7,785,083	7,933	6,396	33,046
0103 CORN	11,429		60	11,369				
0104 OATS	21,901	21,901						
0105 RICE	50		50					
0106 BARGHUM GRAINS	1,435			1,435				
0107 WHEAT	214,026			214,026				
0119 OILSEEDS, NEC	22		22					
0121 TOBACCO, LEAF	294		257					
0129 FIELD CROPS, NEC	8		8					
0131 FRESH FRUITS	46,051	5,609	40,442					

JACKSONVILLE, FL, DISTRICT

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TAMPA HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0132 BANANAS AND PLANTAINS	207,208	207,208						
0133 COFFEE	1,814	1,814						
0141 FRESH AND FROZEN VEGETABLES	4,732	1,617	3,115					
0151 LIVE ANIMALS	896	896						
0161 ANIMALS AND PRODUCTS, NEC	7	7						
0191 MISCELLANEOUS FARM PRODUCTS	148	68	80					
0861 FOREST PRODUCTS, NEC	26	26						
0911 FRESH FISH, EXCEPT SHELLFISH	2,417	85	4			2,328		
0912 SHELLFISH, EXCEPT PREPARED	8,863	6,299	4			2,560		
1054 ALUMINUM ORES, CONCENTRATES	29,314	29,314						
1121 COAL AND LIGNITE	4,941,046	30,056	13	4,890,956				20,021
1411 LIMESTONE	7,548	7,548						
1412 BUILDING STONE, UNWORKED	114		114					
1442 SAND, GRAVEL, CRUSHED ROCK	45,265	33,141	11,799			250	75	
1451 CLAY	13,136	12,618	518					
1471 PHOSPHATE ROCK	13,085,172		6,839,794		6,245,378			
1479 NATURAL FERTILIZER MATS, NEC	23,531	23,531						
1492 SULPHUR, DRY	170		170					
1493 SULPHUR, LIQUID	2,489,440			2,489,440				
1494 GYPSUM, CRUDE AND PLASTERS	584,473	584,467	6					
1499 NONMETALLIC MINERALS, NEC	91,206	90,986	220					
2011 MEAT, FRESH, CHILLED, FROZEN	34,174	1,587	32,589					
2012 MEAT AND PRODUCTS, NEC	697	460	237					
2014 TALLOW, ANIMAL FATS AND OILS	15,693		15,693					
2015 ANIMAL BY-PRODUCTS, NEC	591		591					
2021 DAIRY PRODUCTS, NEC	120	5	115					
2022 DRIED MILK AND CREAM	55		55					
2031 FISH AND SHELLFISH, PREPARED	34	33	1					
2034 VEGETABLES AND PREP, NEC	495	427	68					
2039 PREP FRUIT AND VEG JUICE, NEC	146,723	146,456	267					
2041 WHEAT FLOUR AND SEMOLINA	37		37					
2042 ANIMAL FEEDS	585,161	55	522,114		62,992			
2049 GRAIN MILL PRODUCTS, NEC	10,629		5,834	4,795				
2081 ALCOHOLIC BEVERAGES	979	243	736					
2091 VEGETABLE OILS, MARG, SHORT	43	4	39					
2092 ANIMAL OILS AND FATS, NEC	6		6					
2095 ICE								
2099 MISCELLANEOUS FOOD PRODUCTS	1,116	107					419	590
2111 TOBACCO MANUFACTURES	2,100	468	1,632					
2211 BASIC TEXTILE PRODUCTS	297	289	8					
2212 TEXTILE FIBERS, NEC	1,503	25	1,478					
2311 APPAREL	18		18					
2411 LOGS	1,852	782	1,070					
2418 TIMBER, POSTS, POLES, PILING	217		217					
2419 WOOD CHIPS, STAVES, MOLDINGS	1,118	227	791					100
2421 LUMBER	97	79	18					
2421 LUMBER	124,242	122,284	1,958					
2431 VENEER, PLYWOOD, WORKED WOOD	5,539	5,176	363					
2491 WOOD MANUFACTURES, NEC	1,755	1,104	649					
2511 FURNITURE AND FIXTURES	400	261	139					
2611 PULP	62		62					
2621 STANDARD NEWSPRINT PAPER	23,436	23,415	21					
2631 PAPER AND PAPERBOARD	32,162	5,061	27,101					
2691 PULP AND PAPER PRODUCTS, NEC	980		980					
2711 PRINTED MATTER	69		69					
2810 SODIUM HYDROXIDE	6,300		6,300					
2811 CRUDE TAR, OIL, GAS PRODUCTS	84	37	47					
2812 DYES, PIGMENT, TANNING MATS	54		54					
2813 ALCOHOLS	19,274	1,103	104	18,067				
2817 BENZENE AND TOLUENE	71		71					
2819 BASIC CHEMICALS AND PROD, NEC	1,045,558	1,039,461	3,011	3,086				
2821 PLASTIC MATERIALS	2,459	1,423	1,036					
2822 SYNTHETIC RUBBER	126		126					
2823 SYNTHETIC (MAN-MADE) FIBERS	17		17					
2831 DRUGS	159		159					
2841 SOAP	2,296	2,203	93					
2851 PAINTS	543	45	498					
2861 GUM AND WOOD CHEMICALS	3		3					
2871 NITROGENOUS CHEM FERTILIZERS	73,405	51,591	161	21,653				
2872 POTASSIC CHEM FERTILIZERS	220,953	98,268	15,143	107,337	205			
2873 PHOSPHATIC CHEM FERTILIZERS	1,441,473		1,077,961		363,512			
2876 INSECTICIDES, DISINFECTANTS	4,349		4,349					
2879 FERTILIZER AND MATERIALS, NEC	3,414,024	10,020	2,307,388		1,096,616			
2891 MISCELLANEOUS CHEMICAL PROD	15,768	15,545	223					
2911 GASOLINE	5,601,288	15,420	7	5,585,854				7
2912 JET FUEL	640,128	49,252		590,876				
2913 KEROSENE	89,347			89,347				
2914 DISTILLATE FUEL OIL	1,573,298	30,483	48	1,541,290		1,477		
2915 RESIDUAL FUEL OIL	496,488	270,059		226,429				
2916 LUBRICATING OILS AND GREASES	1,526		1,526					
2918 ASPHALT, TAR, AND PITCHES	329,930	24,946	41	304,943				
2921 LIQUEFIED GASES	144,090		183	130,127	13,780			
2951 ASPHALT BUILDING MATERIALS	12		12					
2991 PETROLEUM AND COAL PROD, NEC	80		80					
3011 RUBBER AND MISC PLASTIC PROD	505	157	428					
3111 LEATHER AND LEATHER PRODUCTS	331	89	242					
3211 GLASS AND GLASS PRODUCTS	875	806	69					
3291 BUILDING CEMENT	1,255,880	1,211,215	36	44,429			200	
3291 STRUCTURAL CLAY PRODUCTS	1,402	1,021	381					
3271 LIME	1		1					
3281 CJT STONE AND STONE PRODUCTS	41	41						
3291 MISC NONMETALLIC MINERAL PROD	1,378	138	990					250
3312 SLAG	3,961	3,961						
3314 IRON AND STEEL PRIMARY FORMS	1,318		1,318					
3315 IRON, STEEL SHAPES, EXC SHEET	189,070	187,756	1,314					

Waterborne Commerce of the United States, 1986

TAMPA HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3316 IRON AND STEEL PLATES, SHEETS-----	1,612	1,443	169					
3317 IRON AND STEEL PIPE AND TUBE-----	56,432	56,179	253					
3319 IRON AND STEEL PRODUCTS, NEC-----	519	165	354					
3321 NONFERROUS METALS, NEC-----	13	1	12					
3322 COPPER ALLOYS, UNWORKED-----	405	44	361					
3323 LEAD AND ZINC, UNWORKED-----	445	437	8					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	10,921	10,904	17					
3411 FABRICATED METAL PRODUCTS-----	38,045	29,019	2,532					6,494
3511 MACHINERY, EXCEPT ELECTRICAL-----	32,224	11,320	1,845	4,285	2,600	2,665	3,925	5,584
3611 ELECTRICAL MACH AND EQUIP-----	1,342	756	586					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,780	848	932					
3731 SHIPS AND BOATS-----	406	139	267					
3791 MISC TRANSPORTATION EQUIPMENT-----	264		264					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	77	22	55					
3911 MISC MANUFACTURED PRODUCTS-----	76	50	26					
4011 IRON AND STEEL SCRAP-----	279,024	26	278,998					
4012 NONFERROUS METAL SCRAP-----	48	48						
4022 TEXTILE WASTE, SCRAP, SWEEP-----	113		113					
4024 PAPER WASTE AND SCRAP-----	1,588		1,588					
4111 WATER-----	430					130	300	
4112 COMMODITIES, NEC-----	1,158	185	973					
TOTAL TON-MILES: 1,631,357,600.								

SAN JUAN HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTH: 43.0 FEET IN ENTRANCE CHANNEL TO BEND, THENCE 36.0 FEET TO MANEUVERING AREA; 36.0 FEET IN ARMY TERMINAL CHANNEL AND TURNING BASIN; AND PROJECT DEPTHS IN ALL OF THE MANEUVERING AND ANCHORAGE AREAS AND OTHER CHANNEL. APPROXIMATE LENGTHS: ENTRANCE CHANNEL TO BEND, 0.8 MILE; THENCE 1.7 MILE TO INNER HARBOR; SAN ANTONIO APPROACH CHANNEL, 0.7 MILE; SAN ANTONIO CHANNEL, 0.8 MILE; GRAVING DOCK CHANNEL, 1.0 MILE; GRAVING DOCK TURNING BASIN, 0.6 MILE; ARMY TERMINAL CHANNEL, 1.1 MILE; ARMY TERMINAL TURNING BASIN, 0.37 MILE; PUERTO NUEVO CHANNEL, 1.6 MILES; PUERTO NUEVO BASIN, 0.2 MILE. CONSTRUCTED PROJECT DEPTHS: 45 FEET IN BAR CUT CHANNEL, THENCE 42 TO 36 FEET IN ANEGADO CHANNEL AND INCLUDING DEEP DRAFT ANCHORAGE E, ARMY TERMINAL AND TURNING BASIN; 35 FEET SAN ANTONIO APPROACH CHANNEL AND SAN ANTONIO CHANNEL WEST SECTION; 32 FEET PUERTO NUEVO CHANNEL AND BASIN, 30 FEET IN ANCHORAGE AREA F, CRUISE SHIP BASINS EAST/WEST, SAN ANTONIO CHANNEL EAST SECTION AND INCLUDING GRAVING DOCK CHANNEL AND TURNING BASIN.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO	YEAR	TONS	PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO
1977-----	9,400,996	37,172	1982-----	10,049,195	-----
1978-----	10,147,787	171,830	1983-----	10,744,670	-----
1979-----	10,122,064	-----	1984-----	10,935,222	-----
1980-----	10,087,394	-----	1985-----	11,642,456	-----
1981-----	9,752,260	-----	1986-----	12,361,283	-----

* REVISED.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	12,361,283	4,431,875	579,970	4,652,496	1,098,477	1,498,672	99,791
0101 COTTON, RAW-----	437		256	71	110		
0102 BARLEY AND RYE-----	1,030		1,030				
0103 CORN-----	147,488	42,682	450	104,356			
0104 OATS-----	4,895	2	2	4,891			
0105 RICE-----	108,998	3,622	8,988	96,358	23		7
0106 BORGHUM GRAINS-----	3,910			3,895	15		
0107 WHEAT-----	85,297			85,297			
0111 SOYBEANS-----	28	2	2	24			
0119 OILSEEDS, NEC-----	5,993	1,140	1,939	83	2,831		
0121 TOBACCO, LEAF-----	8,067	3,783	3,093	832	359		
0122 HAY AND FODDER-----	124			124			
0129 FIELD CROPS, NEC-----	464	174	130	159	1		
0131 FRESH FRUITS-----	10,989	3,099	2,866	3,342	1,681		1
0132 BANANAS AND PLANTAINS-----	947	907		21	19		
0133 COFFEE-----	59,871	11,886	490	80	47,415		
0134 COCOA BEANS-----	37,554	22,948		78	14,528		
0141 FRESH AND FROZEN VEGETABLES-----	126,813	29,269	11,482	65,598	20,462		2
0151 LIVE ANIMALS-----	1,363	38	10	1,315			
0161 ANIMALS AND PRODUCTS, NEC-----	1,402	23	442	937			
0191 MISCELLANEOUS FARM PRODUCTS-----	32,792	49	230	32,194	318		1
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,155	107	80	948			
0861 FOREST PRODUCTS, NEC-----	4,444	2,315	429	717	983		
0911 FRESH FISH, EXCEPT SHELLFISH-----	23,191	21,229	1,299	633	30		
0912 SHELLFISH, EXCEPT PREPARED-----	673	304	160	63	144		
0931 MARINE SHELLS, UNMANUFACTURED-----	10	10					
1011 IRON ORE AND CONCENTRATES-----	4,134	4,134					
1054 ALUMINUM ORES, CONCENTRATES-----	4,478	4,478					
1091 NONFERROUS ORES, CONCENT, NEC-----	207	49		115	43		
1121 COAL AND LIGNITE-----	79,608	78,611	838	159			
1311 CRUDE PETROLEUM-----	1,695,847	1,323,848		372,007			

JACKSONVILLE, FL, DISTRICT

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SAN JUAN HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
1411 LIMESTONE	697	50	133	514			
1412 BUILDING STONE, UNWORKED	309			309			
1442 SAND, GRAVEL, CRUSHED ROCK	13,834	734	11,920	1,180			
1451 CLAY	4,794	1,134	718	2,446	496		
1471 PHOSPHATE ROCK	92		92				
1479 NATURAL FERTILIZER MATS, NEC	883	883					
1492 SULPHUR, DRY	1,252		1,200	51	1		
1494 GYPSUM, CRUDE AND PLASTERS	27,979	27,884	11	84			
1499 NONMETALLIC MINERALS, NEC	18,499	4,286	1,948	12,227	38		
1911 ORDNANCE AND ACCESSORIES	107	7		32	68		
2011 MEAT, FRESH, CHILLED, FROZEN	154,908	17,866	25,301	110,385	1,356		
2012 MEAT AND PRODUCTS, NEC	26,767	9,687	3,002	14,078			
2014 TALLOW, ANIMAL FATS AND OILS	11,764		286	11,478			
2015 ANIMAL BY-PRODUCTS, NEC	2,446	125	511	21	1,709		
2021 DAIRY PRODUCTS, NEC	16,014	887	3,433	11,675	19		
2022 DRIED MILK AND CREAM	36,464	1,005	11,229	24,083	147		
2031 FISH AND SHELLFISH, PREPARED	63,756	6,859	5,020	2,004	49,873		
2034 VEGETABLES AND PREP, NEC	76,396	33,490	8,202	25,971	8,733		
2039 PREP FRUIT AND VEG JUICE, NEC	54,184	25,868	3,825	19,813	4,603		77
2041 WHEAT FLOUR AND SEMOLINA	17,652		8,679	8,773			
2042 ANIMAL FEEDS	116,215	77,079	19,591	15,487	3,970		86
2049 GRAIN MILL PRODUCTS, NEC	95,715	19,092	15,690	58,613	2,308		12
2061 SUGAR	21,117	6,615	890	13,612			
2062 MOLASSES	144,554	126,961	1,689	1,748	6,704		7,452
2091 ALCOHOLIC BEVERAGES	107,274	48,731	5,101	37,759	15,649		34
2091 VEGETABLE OILS, MARG, SHORT	23,699	2,389	3,764	17,373	120		53
2092 ANIMAL OILS AND FATS, NEC	22		22				
2094 BROCCERIES	3,045			2,800			245
2095 ICE	3,191	3,191					
2099 MISCELLANEOUS FOOD PRODUCTS	785,372	20,186	14,330	546,082	204,012	1	761
2111 TOBACCO MANUFACTURES	9,139	203	225	6,034	2,677		
2211 BASIC TEXTILE PRODUCTS	47,160	11,979	9,646	25,174	358		3
2212 TEXTILE FIBERS, NEC	716		1	712	3		
2311 APPAREL	72,809	6,063	1,986	57,162	7,575	2	21
2411 LOGS	712	24	600	88			
2413 FUEL WOOD, CHARCOAL, WASTES	1,146	848	210	88			
2414 TIMBER, POSTS, POLES, PILING	14,358		631	13,727			
2415 PULPHOOD, LOG	23			23			
2421 LUMBER	134,815	80,065	4,422	50,218	106		4
2431 VENEER, PLYWOOD, WORKED WOOD	72,306	46,789	5,790	19,727			
2491 WOOD MANUFACTURES, NEC	60,591	23,520	1,990	34,106	933	1	41
2511 FURNITURE AND FIXTURES	36,737	11,415	1,801	21,442	2,046	3	30
2611 PULP	1,895		852	1,043			
2621 STANDARD NEWSPRINT PAPER	81,664	70,518	2,217	9,129			
2631 PAPER AND PAPERBOARD	178,131	41,821	52,582	83,728			
2691 PULP AND PAPER PRODUCTS, NEC	146,675	10,075	9,723	125,700	1,107	14	56
2711 PRINTED MATTER	17,831	1,424	6,232	10,134	41		
2810 SODIUM HYDROXIDE	4,878			4,878			
2811 CRUDE TAN, OIL, GAS PRODUCTS	602	601	1				
2812 DYES, PIGMENT, TANNING MATS	225		76	149			
2813 ALCOHOLS	6,082	148	189	5,745			
2816 RADIOACTIVE MATERIALS, WASTES	6		3	3			
2817 BENZENE AND TOLUENE	269		21	248			
2819 BASIC CHEMICALS AND PROD, NEC	211,152	13,293	7,042	158,399	32,407		11
2821 PLASTIC MATERIALS	60,849	8,329	11,882	40,554	83		1
2822 SYNTHETIC RUBBER	1,625	4	869	752			
2823 SYNTHETIC (MAN-MADE) FIBERS	1,142		16	1,114	12		
2831 DRUGS	12,901	976	1,117	4,096	6,708		4
2841 SOAP	52,050	4,611	2,785	36,643	7,826	9	176
2851 PAINTS	10,638	3,083	1,077	6,671	3		4
2861 GUM AND WOOD CHEMICALS	478	1	476				
2871 NITROGENOUS CHEM FERTILIZERS	24,899	790	454	23,655			
2872 POTASSIC CHEM FERTILIZERS	10,207	6,235	846	3,126			
2873 PHOSPHATIC CHEM FERTILIZERS	2,161		15	2,146			
2876 INSECTICIDES, DISINFECTANTS	2,236	73	207	1,955		1	
2879 FERTILIZER AND MATERIALS, NEC	1,068	20	196	850			2
2891 MISCELLANEOUS CHEMICAL PROD	12,127	955	4,229	5,631	1,312		
2911 GASOLINE	1,092,019	646,043	751	141,928		302,163	1,134
2912 JET FUEL	604,032	254,665			4	349,363	
2913 KEROSENE	38,762	561	44	190		37,967	
2914 DISTILLATE FUEL OIL	227,066	15,112	72,350	130		125,913	13,561
2915 RESIDUAL FUEL OIL	913,868	204,865	5,498			636,262	67,243
2916 LUBRICATING OILS AND GREASES	44,986	666	12,781	31,496	43		
2917 NAPHTHA, PETROLEUM SOLVENTS	125,240	81,222	52	8,644		35,322	
2918 ASPHALT, TAR, AND PITCHES	25,437	23,679	1,247	281	230		
2920 COKE, PETROLEUM COKE	79		18	61			
2921 LIQUEFIED GASES	43,542	29,079	411	14,029	23		
2931 ASPHALT BUILDING MATERIALS	949		343	582	23		1
2991 PETROLEUM AND COAL PROD, NEC	23,216	122	167	10,911	514	11,500	2
3011 RUBBER AND MISC PLASTIC PROD	97,892	22,871	3,860	63,463	7,153		545
3111 LEATHER AND LEATHER PRODUCTS	25,491	9,532	3,464	4,956			
3211 GLASS AND GLASS PRODUCTS	44,292	10,794	6,747	26,070	677		4
3241 BUILDING CEMENT	146,777	145,866	301	595	13		2
3251 STRUCTURAL CLAY PRODUCTS	62,095	55,013	1,300	5,723	57		2
3271 LIME	107	102	5				
3281 CUT STONE AND STONE PRODUCTS	5,239	4,840	137	261			1
3291 MISC NONMETALLIC MINERAL PROD	28,263	7,676	10,828	7,113	2,645		1
3311 PIG IRON	191		79	2	110		
3314 IRON AND STEEL PRIMARY FORMS	291		255	36			
3315 IRON, STEEL SHAPES, EXC SHEETS	307,328	301,007	1,481	4,840			
3316 IRON AND STEEL PLATES, SHEETS	20,260	227	3,362	16,627	84		
3317 IRON AND STEEL PIPE AND TUBE	24,728	20,477	265	3,983	1		2
3318 FERROALLOYS	21,995	8,657	24	30	13,282		
3319 IRON AND STEEL PRODUCTS, NEC	54,538	10,135	526	42,540	1,336		1

Waterborne Commerce of the United States, 1986

SAN JUAN HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
3321 NONFERROUS METALS, NEC	16,850	273	209	15,632	136		
3322 COPPER ALLOYS, UNWORKED	3,291	1,311	1,110	870			
3323 LEAD AND ZINC, UNWORKED	1,508	316	1,100	80			
3329 ALUMINUM AND ALLOYS, UNWORKED	15,379	8,770	874	4,411	1,317		
3411 FABRICATED METAL PRODUCTS	105,879	32,067	6,821	36,930	10,998	1	32
3412 MACHINERY, EXCEPT ELECTRICAL	92,930	12,896	12,633	59,001	6,347	1	60
3413 ELECTRICAL MACH. AND EQUIP	62,723	19,388	12,718	18,531	12,096	1	29
3711 MOTOR VEHICLES, PARTS, EQUIP	188,073	146,617	6,412	34,205	626	1	12
3791 SHIPS AND BOATS	347	31	141	175			
3792 VESC TRANSPORTATION EQUIPMENT	20,806	14	476	19,157	1,159		
3911 INSTR, TIME, PHOTO, OPT GOODS	24,546	424	511	4,208	19,380	2	21
3912 VESC MANUFACTURED PRODUCTS	25,314	10,945	3,841	3,892	6,928	4	18
4011 IRON AND STEEL SCRAP	33,120	23	32,208	683	124		
4012 NONFERROUS METAL SCRAP	22,511	898	19,443	23	2,147		
4022 TEXTILE WASTE, SCRAP, SWEEP	1,722		1,131	551	40		
4024 PAPER WASTE AND SCRAP	25,813		23,640	2,008	165		
4029 WASTE AND SCRAP, NEC	16,634			5,214	11,420		
4111 WATER	1					1	
4112 COMMODITIES, NEC	2,151,720	11,154	19,604	1,574,166	538,649	140	8,007
4119 EMPTY CONTAINERS	39			39			
9999 DEPARTMENT OF DEFENSE AND SCI	73		73				

PONCE HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTHS: 30 FEET IN THE CARIBBEAN SEA APPROACH ENTRANCE CHANNEL TO SOUTHWEST END OF MUNICIPAL PIER; 20 FEET IN THE INNER CHANNELS THROUGH EASTERLY LIMIT. CONSTRUCTED PROJECT DEPTHS: 30 FEET IN THE CHANNELS AND AREA OF MUNICIPAL PIER. APPROXIMATE PROJECT LENGTH 3.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	368,161		1982	726,182	
1978	911,374		1983	576,738	
1979	479,548		1984	854,716	
1980	1,145,325		1985	634,614	
1981	854,651		1986	632,726	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY
				RECEIPTS	SHIPMENTS	SHIPMENTS
TOTAL	632,726	533,657	58,494	3,150	33,232	4,193
0101 COTTON, RAW	29		29			
0103 CORN	18		18			
0105 RICE	42	13	29			
0110 OLIVEOBS, NEC	31		31			
0121 TOBACCO, LEAF	30	8	22			
0129 FIELD CROPS, NEC	57	57				
0131 FRESH FRUIT	2,004	80	1,924			
0133 COFFEE	13	13				
0134 COCOA BEANS	630	220	410			
0141 FRESH AND FROZEN VEGETABLES	1,208	967	241			
0143 ANIMALS AND PRODUCTS, NEC	374	16	358			
0149 MISCELLANEOUS FARM PRODUCTS	175		175			
0841 CRUDE RUBBER AND ALLIED GUMS	40	40				
0861 FOREST PRODUCTS, NEC	21	2	19			
0911 FRESH FISH, EXCEPT SHELLFISH	29,791	29,018			773	
0912 SHELLFISH, EXCEPT PREPARED	1	1				
1051 ALUMINUM ORES, CONCENTRATED	344	330	14			
1051 NONFERROUS ORES, CONCENT, NEC	1		1			
1121 COAL AND LIGNITE	154,371	154,371				
1431 CLAY	20	20				
1491 GYPSUM, CRUDE AND PLASTER	27,550	27,550				
1499 NONMETALLIC MINERALS, NEC	8,319	6,654	1,665			
1916 ORDNANCE AND ACCESSORIES	3	3				
2011 MEAT, FRESH, CHILLED, FROZEN	8,185	8,177	8			
2012 MEAT AND PRODUCTS, NEC	8,971	8,860	111			
2014 TALLOW, ANIMAL FATS AND OILS	64		64			
2015 ANIMAL BY-PRODUCTS, NEC	14	16				
2021 DAIRY PRODUCTS, NEC	1,043	991	52			
2022 DRIED MILK AND CREAM	2,405	1,524	881			
2031 FISH AND SHELLFISH, PREPARED	594	473	123			
2034 VEGETABLES AND PREP, NEC	743	566	177			
2039 PREP FRUIT AND VEG JUICE, NEC	4,607	1,211	3,396			
2041 WHEAT FLOUR AND SEMOLINA	122		122			
2042 ANIMAL FEEDS	7,304	541	6,763			
2049 GRAIN MILL PRODUCTS, NEC	1,613	1,320	293			
2051 SUGAR	487	386	101			
2062 MOLASSES	25,390	23,624	1,766			
2081 ALCOHOLIC BEVERAGES	22,374	21,112	1,262			
2091 VEGETABLE OILS, WARD, SHORT	3,347	31	166	3,150		
2095 ICE	370	370				

JACKSONVILLE, FL, DISTRICT

PONCE HARBOR, P. R.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTRATERRITORY RECEIPTS	SHIPMENTS
2099 MISCELLANEOUS FOOD PRODUCTS	9,757	7,426	2,331			
2111 TOBACCO MANUFACTURES	55	10	37			
2214 BASIC TEXTILE PRODUCTS	833	40	793			
2311 APPAREL	48	20	29			
2414 HOOD CHIPS, STAVES, MOLDINGS	14	14				
2421 LUMBER	9,793	9,543	250			
2431 VENEER, PLYWOOD, WORKED WOOD	2,002	1,023	979			
2491 WOOD MANUFACTURES, NEC	1,633	1,449	184			
2511 FURNITURE AND FIXTURES	495	208	117			
2611 PULP	13		13			
2621 STANDARD NEWSPRINT PAPER	92	92				
2631 PAPER AND PAPERBOARD	955	890	65			
2691 PULP AND PAPER PRODUCTS, NEC	904	457	447			
2711 PRINTED MATTER	34	31	3			
2811 CRUDE TAR, OIL, GAS PRODUCTS	198	198				
2812 DYES, PIGMENT, TANNING MATS	15		15			
2813 ALCOHOLS	2,530	20	2,510			
2817 BENZENE AND TOLUENE	162		162			
2819 BASIC CHEMICALS AND PROD. NEC	5,557	3,111	2,446			
2821 PLASTIC MATERIALS	2,919	2,508	411			
2823 SYNTHETIC (MAN-MADE) FIBERS	2		2			
2831 DRUGS	2,028	1,226	802			
2841 SOAP	2,172	666	1,506			
2851 PAINTS	678	630	48			
2871 NITROGENOUS CHEM FERTILIZERS	624	624				
2872 POTASSIC CHEM FERTILIZERS	189	168	21			
2876 INSECTICIDES, DISINFECTANTS	40	21	19			
2879 FERTILIZER AND MATERIALS, NEC	432		432			
2891 MISCELLANEOUS CHEMICAL PROD	1,350	434	916			
2914 DISTILLATE FUEL OIL	22,454				10,261	4,193
2915 RESIDUAL FUEL OIL	156,452	142,254			14,198	
2916 LUBRICATING OILS AND GREASES	1,353	863	490			
2917 NAPHTHA, PETROLEUM SOLVENTS	2,441	2,441				
2918 ASPHALT, TAR, AND PITCHES	18,366	17,969	397			
2921 LIQUEFIED GASES	33,569	33,008	561			
2991 ASPHALT BUILDING MATERIALS	29		29			
2991 PETROLEUM AND COAL PROD, NEC	26	21	5			
3011 RUBBER AND MISC PLASTIC PROD	1,473	1,108	365			
3111 LEATHER AND LEATHER PRODUCTS	173		166			
3211 GLASS AND GLASS PRODUCTS	4,561	3,964	597			
3241 BUILDING CEMENT	131		131			
3251 STRUCTURAL CLAY PRODUCTS	876	785	91			
3281 CUT STONE AND STONE PRODUCTS	26		26			
3291 MISC NONMETALLIC MINERAL PROD	593	313	280			
3315 IRON, STEEL SHAPES, EXC SHEET	740	705	35			
3316 IRON AND STEEL PLATES, SHEETS	34		34			
3317 IRON AND STEEL PIPE AND TUBE	63		57			
3319 IRON AND STEEL PRODUCTS, NEC	1,517	1,485	32			
3321 NONFERROUS METALS, NEC	14		2			
3322 COPPER ALLOYS, UNWORKED	299	289	10			
3324 ALUMINUM AND ALLOYS, UNWORKED	887	624	263			
3411 FABRICATED METAL PRODUCTS	5,287	3,606	1,681			
3511 MACHINERY, EXCEPT ELECTRICAL	2,528	1,239	1,289			
3611 ELECTRICAL MACH AND EQUIP	1,489	345	1,144			
3711 MOTOR VEHICLES, PARTS, EQUIP	361	274	87			
3731 SHIPS AND BOATS	84		62			
3791 MISC TRANSPORTATION EQUIPMENT	46		46			
3811 INSTR, TIME, PHOTO, OPT GOODS	413	130	283			
3911 MISC MANUFACTURED PRODUCTS	340	195	145			
4011 IRON AND STEEL SCRAP	760	194	564			
4012 NONFERROUS METAL SCRAP	4,016	1,445	2,571			
4022 TEXTILE WASTE, SCRAP, SHEEP	11		11			
4024 PAPER WASTE AND SCRAP	10,940		10,940			
4112 COMMODITIES, NEC	2,311	724	1,587			

MAYAGUEZ HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTHS: 29 FEET IN THE APPROACH CHANNEL THROUGH TERMINAL CHANNEL. SHOALING COMMENCES 300 FEET INSIDE CHANNEL AND CONTINUES TO A DEPTH OF 19 FEET AT EASTERLY LIMIT. PROJECT DEPTH: 30 FEET IN THE APPROACH CHANNEL AND TERMINAL CHANNEL. LENGTH OF PROJECT IS ABOUT 0.65 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	324,321		1982	317,046	
1978	335,288		1983	255,421	
1979	364,915		1984	252,952	
1980	386,669		1985	314,471	
1981	321,764		1986	400,019	

Waterborne Commerce of the United States, 1986

MAYAGUEZ HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	400,010	310,292	9,348	45,760	8,601	15,088	2,930
0103 CORN	37,051	15,013		22,038			
0151 FRESH FRUITS	34	34					
0141 FRESH AND FROZEN VEGETABLES	2,479	2,479					
0861 FOREST PRODUCTS, NEC	56	56					
0911 FRESH FISH, EXCEPT SHELLFISH	171,938	171,165					773
0912 SHELLFISH, EXCEPT PREPARED	3	3					
1470 NATURAL FERTILIZER MATS, NEC	95	95					
1499 NONMETALLIC MINERALS, NEC	8,066	8,066					
2011 MEAT, FRESH, CHILLED, FROZEN	29		20				
2031 FISH AND SHELLFISH, PREPARED	249	249					
2034 VEGETABLES AND PREP, NEC	1,947	1,948	1				
2030 PREP FRUIT AND VEG JUICE, NEC	1,251	1,251					
2042 ANIMAL FEEDS	29,458	21,808	7,650				
2049 BRAIN MILL PRODUCTS, NEC	14,172			14,172			
2091 VEGETABLE OILS, HARG, SHORT	9,550			9,550			
2099 MISCELLANEOUS FOOD PRODUCTS	99	99					
2111 TOBACCO MANUFACTURES	2		2				
2211 BASIC TEXTILE PRODUCTS	317	197	120				
2311 APPAREL	97	74	23				
2421 LUMBER	108	108					
2491 FOOD MANUFACTURES, NEC	4	4					
2511 FURNITURE AND FIXTURES	40	39	1				
2631 PAPER AND PAPERBOARD	67	67					
2691 PULP AND PAPER PRODUCTS, NEC	1	1					
2711 PRINTED MATTER	17	15	2				
2813 ALCOHOLS	8,601				8,601		
2819 BASIC CHEMICALS AND PROD, NEC	14,608	14,605	3				
2821 PLASTIC MATERIALS	10		10				
2823 SYNTHETIC (MAN-MADE) FIBERS	24		24				
2841 SOAP	4	4					
2851 PAINTS	2,326	2,313	13				
2872 POTASSIC CHEM FERTILIZERS	4,961	4,961					
2873 PHOSPHATIC CHEM FERTILIZERS	551	551					
2891 MISCELLANEOUS CHEMICAL PROD	22		22				
2910 DISTILLATE FUEL OIL	17,245					15,088	2,157
3011 RUBBER AND MISC PLASTIC PROD	194	192	2				
3111 LEATHER AND LEATHER PRODUCTS	30	17	13				
3241 BUILDING CEMENT	45,132	45,132					
3251 STRUCTURAL CLAY PRODUCTS	24	24					
3261 CUT STONE AND STONE PRODUCTS	173	173					
3291 MISC NONMETALLIC MINERAL PROD	7	7					
3315 IRON, STEEL SHAPED, ENC SHEET	3,014	3,014					
3316 IRON AND STEEL PLATES, SHEETS	29		29				
3319 IRON AND STEEL PRODUCTS, NEC	22,046	22,046					
3321 NONFERROUS METALS, NEC	24	15	9				
3411 FABRICATED METAL PRODUCTS	913	905	8				
3511 MACHINERY, EXCEPT ELECTRICAL	59	27	32				
3611 ELECTRICAL MACH AND EQUIP	237	98	139				
3711 MOTOR VEHICLES, PARTS, EQUIP	1,141	127	1,014				
3791 MISC TRANSPORTATION EQUIPMENT	3		3				
3811 INSTR, TIME, PHOTO, OPT GOODS	2		2				
3911 MISC MANUFACTURED PRODUCTS	3		3				
4011 IRON AND STEEL SCRAP	190		190				
4112 COMMODITIES, NEC	1,325	1,312	13				

ST. THOMAS HARBOR, V. I.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTHS: 34 FEET IN THE ENTRANCE CHANNELS; 23 FEET OVER SCORPION ROCK; 33 FEET IN THE SOUTHERLY PORTION OF THE ANCHORAGE AREA, THENCE GRADUALLY SLOPING TO 16 FEET AT THE LIMIT LINES IN THE NORTHERLY PORTION. PROJECT DEPTHS: 36 FEET IN THE ENTRANCE CHANNELS; 33 FEET IN THE ANCHORAGE AREA. APPROXIMATE LENGTHS: ENTRANCE CHANNEL, 0.6 MILE; ANCHORAGE AREA, 0.6 MILE, VARYING IN WIDTH FROM 1,600 TO 3,650 FEET. (PROJECT AUTHORIZED BUT HAS NOT BEEN CONSTRUCTED).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	349,975	334,090	1982	293,127	766
1978	386,361	611,627	1983	248,793	
1979	401,595	726	1984	272,632	688
1980	419,012	986	1985	341,284	1,188
1981	312,197	904	1986	354,650	3,372

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY
				RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL	354,650	143,923	23,747	90	171,677	15,213
0105 RICE	295		291			4
0121 TOBACCO, LEAF	250	250				
0131 FRESH FRUITS	65	16	48			1
0132 BANANAS AND PLANTAINS	350	350				

JACKSONVILLE, FL, DISTRICT

ST. THOMAS HARBOR, V. I.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTRATERRITORY	
					RECEIPTS	SHIPMENTS
0133 COFFEE	115	115				
0134 COCOA BEANS	41	41				
0141 FRESH AND FROZEN VEGETABLES	348	263	103		2	
0151 LIVE ANIMALS	1		1			
0161 ANIMALS AND PRODUCTS, NEC	122		122			
0191 MISCELLANEOUS FARM PRODUCTS	13		12		1	
0861 FOREST PRODUCTS, NEC	33	14	19			
0911 FRESH FISH, EXCEPT SHELLFISH	51	9	42			
0912 SHELLFISH, EXCEPT PREPARED	2		2			
0931 MARINE SHELLS, UNMANUFACTURED	2		2			
1121 COAL AND LIGNITE	27		27			
1411 Limestone	8		8			
1442 SAND, GRAVEL, CRUSHED ROCK	33,263	33,073	190			
1471 PHOSPHATE ROCK	10		10			
1499 NONMETALLIC MINERALS, NEC	63		63			
2011 MEAT, FRESH, CHILLED, FROZEN	614	28	588			
2012 MEAT AND PRODUCTS, NEC	392	4	388			
2021 DAIRY PRODUCTS, NEC	157	11	146			
2022 DRIED MILK AND CREAM	667	307	360			
2031 FISH AND SHELLFISH, PREPARED	267	21	246			
2034 VEGETABLES AND PREP, NEC	515	210	305			
2039 PREP FRUIT AND VEG JUICE, NEC	349	130	169		59	
2042 ANIMAL FEEDS	141		136		5	
2049 BRAIN HILL PRODUCTS, NEC	423	17	396		10	
2061 SUGAR	189	34	155			
2081 ALCOHOLIC BEVERAGES	3,419	730	2,657		32	
2091 VEGETABLE OILS, MARG, SHORT	768		756		30	
2092 ANIMAL OILS AND FATS, NEC	291		291			
2094 GROCERIES	2,707				133	2,574
2095 ICE	141	141				
2099 MISCELLANEOUS FOOD PRODUCTS	2,915	258	2,216		426	15
2111 TOBACCO MANUFACTURES	33	13	20			
2211 BASIC TEXTILE PRODUCTS	482	24	455		3	
2311 APPAREL	139	29	102		7	1
2411 LOGS	2	2				
2421 LUMBER	2,023		1,974	45	4	
2431 VENEER, PLYWOOD, WORKED WOOD	28		28			
2491 WOOD MANUFACTURES, NEC	416	10	326	45	35	
2511 FURNITURE AND FIXTURES	849	63	755		20	11
2631 PAPER AND PAPERBOARD	355	14	341			
2691 PULP AND PAPER PRODUCTS, NEC	297		258		39	
2711 PRINTED MATTER	56	3	53			
2811 CRUDE TAR, OIL, GAS PRODUCTS	1		1			
2812 DYES, PIGMENT, TANNING MATS	5		5			
2813 ALCOHOLS	10		10			
2819 BASIC CHEMICALS AND PROD, NEC	488	36	365		7	
2821 PLASTIC MATERIALS	17	2	15			
2823 SYNTHETIC (MAN-MADE) FIBERS	20		20			
2831 DRUGS	123	10	110		3	
2841 SOAP	548	51	485		88	4
2851 PAINTS	104	7	96		1	
2861 RUB AND WOOD CHEMICALS	20		20			
2871 VITROGENOUS CHEM FERTILIZERS	6		6			
2876 INSECTICIDES, DISINFECTANTS	73		73			
2879 FERTILIZER AND MATERIALS, NEC	2		1		1	
2891 MISCELLANEOUS CHEMICAL PROD	160		160			
2911 GASOLINE	25,337		1		25,312	24
2914 DISTILLATE FUEL OIL	41,370	12,284			28,834	252
2915 RESIDUAL FUEL OIL	173,952	61,057			112,895	
2916 LUBRICATING OILS AND GREASES	141		141			
2921 LIQUEFIED GASES	403		133			270
2951 ASPHALT BUILDING MATERIALS	10		17		1	
2991 PETROLEUM AND COAL PROD, NEC	10		10			
3011 RUBBER AND MISC PLASTIC PROD	909	4	374		531	
3114 LEATHER AND LEATHER PRODUCTS	80	41	39			
3211 GLASS AND GLASS PRODUCTS	286	52	233		3	
3241 BUILDING CEMENT	27,298	27,211	85		2	
3251 STRUCTURAL CLAY PRODUCTS	1,838	545	1,291		2	
3261 CUT STONE AND STONE PRODUCTS	343	21	321		1	
3291 MISC NONMETALLIC MINERAL PROD	361	38	362		1	
3315 IRON, STEEL SHAPED, EXC SHEET	1,932	1,579	353			
3316 IRON AND STEEL PLATES, SHEETS	149		149			
3317 IRON AND STEEL PIPE AND TUBE	29		29			
3319 IRON AND STEEL PRODUCTS, NEC	237		237			
3321 NONFERROUS METALS, NEC	3		3			
3322 COPPER ALLOYS, UNWORKED	25		25			
3323 LEAD AND ZINC, UNWORKED	6		6			
3324 ALUMINUM AND ALLOYS, UNWORKED	4,249	4,195	70		4	
3411 FABRICATED METAL PRODUCTS	7,743	100	1,823		24	5,794
3511 MACHINERY, EXCEPT ELECTRICAL	6,668	26	791		58	5,793
3611 ELECTRICAL MACH AND EQUIP	879	71	786		21	1
3711 MOTOR VEHICLES, PARTS, EQUIP	833	240	212		11	362
3731 SHIPS AND BOATS	32	10	22			
3791 MISC TRANSPORTATION EQUIPMENT	13		13			
3811 INSTR, TIME, PHOTO, OPT GOODS	104	38	57		11	
3911 MISC MANUFACTURED PRODUCTS	203	95	96		11	1
4012 NONFERROUS METAL SCRAP	12		12			
4022 TEXTILE WASTE, SCRAP, SKEEP	20		20			
4112 COMMODITIES, NEC	3,838	22	456		3,042	111
9999 DEPARTMENT OF DEFENSE AND DCI	54		54			

Waterborne Commerce of the United States, 1986

CHRISTIANSTED HARBOR, ST. CROIX, V. I.

SECTION INCLUDED: FROM 14-FOOT DEPTH IN CARIBBEAN SEA AN APPROACH CHANNEL APPROXIMATELY 1 1/4 MILES LONG INCLUDING A TURNING BASIN 900 FEET LONG IN GALLONS BAY AT THE SITE OF THE DEEPWATER TERMINAL, AND THENCE TO AND ALONG THE WATERFRONT AT CHRISTIANSTED. CONTROLLING DEPTHS: 16 FEET IN APPROACH CHANNEL AND TURNING BASINS; 6 FEET ALONG WATERFRONT. PROJECT DEPTHS: 16 FEET IN APPROACH CHANNEL AND TURNING BASIN.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	330,801	2,157	1982	393,120	
1978	332,819	9,813	1983	656,951	
1979	648,729		1984	267,300	
1980	686,867		1985	380,341	
1981	213,189		1986	494,929	

NOTES: PASSENGER TOTALS ABOVE CONSISTS OF PASSENGERS FROM AND TO PORTS OUTSIDE OF VIRGIN ISLANDS.

FREIGHT TRAFFIC, 1986 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTRATERRITORY	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	494,929	252,051	126,786	116,020	72
0105 RICE	3			3	
0119 OILSEEDS, NEC	1		1		
0131 FRESH FRUITS	111	85	26		
0132 BANANAS AND PLANTAINS	299	299			
0133 COFFEE	17	17			
0141 FRESH AND FROZEN VEGETABLES	246	95	151		
0151 LIVE ANIMALS	51		51		
0161 ANIMALS AND PRODUCTS, NEC	40	2	38		
0861 FOREST PRODUCTS, NEC	6		6		
0911 FRESH FISH, EXCEPT SHELLFISH	19	13	6		
1121 COAL AND LIGNITE	20		20		
1311 CRUDE PETROLEUM	198,568	198,568			
1412 BUILDING STONE, UNWORKED	127		127		
1442 SAND, GRAVEL, CRUSHED ROCK	48,138	11,268	36,870		
1471 PHOSPHATE ROCK	6		6		
1494 GYPSUM, CRUDE AND PLASTERS	6		6		
1499 NONMETALLIC MINERALS, NEC	636		636		
1911 ORDNANCE AND ACCESSORIES	3		3		
2011 MEAT, FRESH, CHILLED, FROZEN	520		520		
2012 MEAT AND PRODUCTS, NEC	220	1	219		
2014 TALLOW, ANIMAL FATS AND OILS	76		76		
2021 DAIRY PRODUCTS, NEC	363	4	359		
2022 DRIED MILK AND CREAM	789	267	522		
2031 FISH AND SHELLFISH, PREPARED	579		579		
2034 VEGETABLES AND PREP, NEC	157	23	134		
2039 PREP FRUIT AND VEG JUICE, NEC	368	69	281	18	
2042 ANIMAL FEEDS	686		603	83	
2049 GRAIN MILL PRODUCTS, NEC	737	1	734	2	
2061 SUGAR	5		5		
2062 MOLASSES	20,228	20,228			
2081 ALCOHOLIC BEVERAGES	1,295	728	565	2	
2091 VEGETABLE OILS, MARG, SHORT	293	3	267	23	
2094 GROCERIES	112			112	
2095 ICE	135	135			
2099 MISCELLANEOUS FOOD PRODUCTS	1,803	193	1,339	350	1
2111 TOBACCO MANUFACTURES	2		2		
2211 BASIC TEXTILE PRODUCTS	561	11	550		
2311 APPAREL	40	13	10	15	2
2411 LOGS	115		115		
2421 LUMBER	101	12	89		
2431 VENEER, PLYWOOD, WORKED WOOD	164	33	131		
2491 WOOD MANUFACTURES, NEC	233	1	225	6	1
2511 FURNITURE AND FIXTURES	134	19	101	11	3
2631 PAPER AND PAPERBOARD	360	13	347		
2691 PULP AND PAPER PRODUCTS, NEC	192		161	17	14
2711 PRINTED MATTER	23	1	22		
2812 DYES, PIGMENT, TANNING MATS	5		5		
2813 ALCOHOLS	34		34		
2819 BASIC CHEMICALS AND PROD, NEC	651	1	646	4	
2821 PLASTIC MATERIALS	140	3	136	1	
2822 SYNTHETIC RUBBER	20		20		
2831 DRUGS	165		164	1	
2841 SOAP	287	40	146	92	9
2851 PAINTS	124	6	115	3	
2872 POTASSIC CHEM FERTILIZERS	23		23		
2876 INSECTICIDES, DISINFECTANTS	46	2	43		1
2879 FERTILIZER AND MATERIALS, NEC	1			1	
2891 MISCELLANEOUS CHEMICAL PROD	293	15	278		
2911 GASOLINE	33,356	730	32,626		
2914 DISTILLATE FUEL OIL	55,307		21,661	33,646	
2915 RESIDUAL FUEL OIL	76,581			76,581	
2916 LUBRICATING OILS AND GREASES	43		43		
2917 NAPHTHA, PETROLEUM SOLVENTS	11		11		
2918 ASPHALT, TAR, AND BITUMENS	4,088	4,088			
2920 COKE, PETROLEUM COKE	20		20		
2921 LIQUEFIED GASES	10		10		
2951 ASPHALT BUILDING MATERIALS	58		58		
2991 PETROLEUM AND COAL PROD, NEC	16		14	2	
3111 RUBBER AND MISC PLASTIC PROD	13,655	63	13,578	14	
3111 LEATHER AND LEATHER PRODUCTS	52	16	36		
3211 GLASS AND GLASS PRODUCTS	244	45	218	1	
3241 BUILDING CEMENT	8,419	7,735	684		
3291 STRUCTURAL CLAY PRODUCTS	1,675	1,306	369		

JACKSONVILLE, FL, DISTRICT

CHRISTIANSTED HARBOR, ST. CROIX, V. I.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INWATERRITORY	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
3201 CUT STONE AND STONE PRODUCTS	21		21		
3291 MISC NONMETALLIC MINERAL PROD	1,960	129	1,839		
3345 IRON, STEEL SHAPES, EXC SHEETS	4,520	2,547	1,981		
3315 IRON AND STEEL PLATES, SHEETS	881		881		
3317 IRON AND STEEL PIPE AND TUBE	5		3		2
3319 IRON AND STEEL PRODUCTS, NEC	426		425		1
3321 NONFERROUS METALS, NEC	21		21		
3322 COPPER ALLOYS, UNWORKED	15		15		
3324 ALUMINUM AND ALLOYS, UNWORKED	202	56	143		3
3411 FABRICATED METAL PRODUCTS	2,379	4	2,344	30	1
3511 MACHINERY, EXCEPT ELECTRICAL	720	9	708	2	1
3611 ELECTRICAL MACH AND EQUIP	413	21	382	9	1
3711 MOTOR VEHICLES, PARTS, EQUIP	3,353	3,044	307	1	1
3721 AIRCRAFT AND PARTS	1	1			
3731 SHIPS AND BOATS	2		2		
3791 MISC TRANSPORTATION EQUIPMENT	31		31		
3811 INSTR, TIME, PHOTO, OPT GOODS	182	5	165	10	2
3911 MISC MANUFACTURED PRODUCTS	214	60	134	8	4
4011 IRON AND STEEL SCRAP	104		104		
4022 TEXTILE WASTE, SCRAP, SNEEP	29		29		
4024 PAPER WASTE AND SCRAP	1		1		
4111 WATER	1				1
4112 COMMODITIES, NEC	5,418	17	405	4,966	30
9999 DEPARTMENT OF DEFENSE AND SCI	2		2		

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANCLOTE RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	74		
	0912 SHELLFISH, EXCEPT PREPARED-----	8		
	2095 ICE-----	271		
	TOTAL-----	353	3,177	3,696
ARECIBO HARBOR, P. R.,-----	2091 VEGETABLE OILS, MARG, SHORT-----	16,519		
CEDAR KEYS HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	144		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,193		
	2095 ICE-----	154		
	TOTAL-----	1,491	10,437	
CHANNEL FROM NAPLES TO GORDON PASS AND BIG MARCO PASS, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	800		
	0912 SHELLFISH, EXCEPT PREPARED-----	306		
	2095 ICE-----	1,648		
	TOTAL-----	2,754	29,512	
CLEARWATER PASS, FLA.,-----	NO COMMERCE REPORTED			
CROSS-FLORIDA BARGE CANAL, FLA.,-----	NO COMMERCE REPORTED			
CRYSTAL RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	353		
	0912 SHELLFISH, EXCEPT PREPARED-----	700		
	2095 ICE-----	127		
	TOTAL-----	1,180	10,620	
EVERGLADES HARBOR, COLLIER COUNTY, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	399		
	0912 SHELLFISH, EXCEPT PREPARED-----	306		
	2095 ICE-----	76		
	TOTAL-----	781	6,248	
FAJARDO HARBOR, P. R.,-----	0141 FRESH AND FROZEN VEGETABLES-----	9		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	664		
	1496 GYPSUM, CRUDE AND PLASTERS-----	1,769		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	25		
	2111 TOBACCO MANUFACTURES-----	81		
	2211 BASIC TEXTILE PRODUCTS-----	4		
	2311 APPAREL-----	3		
	2421 LUMBER-----	99		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	26		
	2491 WOOD MANUFACTURES, NEC-----	7		
	2511 FURNITURE AND FIXTURES-----	7		
	2851 PAINTS-----	2		
	2914 DISTILLATE FUEL OIL-----	11,229		
	2921 LIQUEFIED GASES-----	43		
	2951 ASPHALT BUILDING MATERIALS-----	4		
	3011 RUBBER AND HISB PLASTIC PROD-----	1		
	3211 GLASS AND GLASS PRODUCTS-----	2		
	3251 STRUCTURAL CLAY PRODUCTS-----	7		
	3291 MISC NONMETALLIC MINERAL PROD-----	2,845		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	44		
	3321 NONFERROUS METALS, NEC-----	1		
	3411 FABRICATED METAL PRODUCTS-----	2		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	8		
	3611 ELECTRICAL MACH AND EQUIP-----	3		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	7		
	3731 SHIPS AND BOATS-----	22		
	4112 COMMODITIES, NEC-----	91,532		
	TOTAL-----	108,446		
FORT MYERS BEACH, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,737		
	0912 SHELLFISH, EXCEPT PREPARED-----	546		
	2095 ICE-----	20,245		
	TOTAL-----	22,528	45,056	
GUAYANES HARBOR, P. R.,-----	NO COMMERCE REPORTED			
HOMOSASSA RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	352		
	0912 SHELLFISH, EXCEPT PREPARED-----	700		
	2095 ICE-----	166		
	TOTAL-----	1,218	1,218	
HORSESHOE COVE, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	200		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,859		
	TOTAL-----	3,139	6,278	
HUDSON RIVER, FLA.,-----	NO COMMERCE REPORTED			
JOHNS PASS, FLA.,-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	450		
KISSIMEE RIVER, FLA.,-----	NO COMMERCE REPORTED			
LITTLE MANATEE RIVER, FLA. (INCLUDED IN TRAFFIC OF TAMPA HARBOR, FLA.)-----	2095 ICE-----	590	2,360	
LONGBOAT PASS, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6,930		
	0912 SHELLFISH, EXCEPT PREPARED-----	98		
	2095 ICE-----	893		
	TOTAL-----	7,921		

JACKSONVILLE, FL, DISTRICT

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
MANATEE RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6,930		
	0912 SHELLFISH, EXCEPT PREPARED-----	65		
	2095 ICE-----	378		
	TOTAL-----	7,373	51,611	3,591
NEE PASS, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	166		
	0912 SHELLFISH, EXCEPT PREPARED-----	39		
	2095 ICE-----	19		
	TOTAL-----	224	618	
PITHLACHABCOTEE RIVER, FLA.,-----	NO COMMERCE REPORTED			
ST. PETERSBURG HARBOR, FLA.,-----	0141 FRESH AND FROZEN VEGETABLES-----	1,093		
	0161 ANIMALS AND PRODUCTS, NEC-----	4		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	13		
	0912 SHELLFISH, EXCEPT PREPARED-----	555		
	1499 NONMETALLIC MINERALS, NEC-----	327		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	6		
	2012 MEAT AND PRODUCTS, NEC-----	3		
	2034 VEGETABLES AND PREP, NEC-----	26		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	62		
	2042 ANIMAL FEEDS-----	2		
	2049 GRAIN MILL PRODUCTS, NEC-----	7		
	2081 ALCOHOLIC BEVERAGES-----	158		
	2095 ICE-----	132		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	30		
	2211 BASIC TEXTILE PRODUCTS-----	43		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	107		
	2511 FURNITURE AND FIXTURES-----	8		
	2631 PAPER AND PAPERBOARD-----	616		
	2691 PULP AND PAPER PRODUCTS, NEC-----	47		
	2819 BASIC CHEMICALS AND PROD, NEC-----	1		
	2831 DRUGS-----	1		
	2841 SOAP-----	2		
	2851 PAINTS-----	3		
	2876 INSECTICIDES, DISINFECTANTS-----	84		
	2912 JET FUEL-----	220		
	2914 DISTILLATE FUEL OIL-----	29		
	2916 LUBRICATING OILS AND GREASES-----	65		
	3011 RUBBER AND MISC PLASTIC PROD-----	80		
	3211 GLASS AND GLASS PRODUCTS-----	2		
	3251 STRUCTURAL CLAY PRODUCTS-----	5		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	49		
	3322 COPPER ALLOYS, UNWORKED-----	2		
	3411 FABRICATED METAL PRODUCTS-----	48		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	44		
	3611 ELECTRICAL MACH AND EQUIP-----	23		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	25		
	3721 AIRCRAFT AND PARTS-----	1		
	3731 SHIPS AND BOATS-----	39		
	3791 MISC TRANSPORTATION EQUIPMENT-----	12		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	7		
	3911 MISC MANUFACTURED PRODUCTS-----	2		
4112 COMMODITIES, NEC-----	33			
TOTAL-----	5,016	5,940	168,889	
STEINHATCHEE RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	334		
	0912 SHELLFISH, EXCEPT PREPARED-----	3,133		
	2095 ICE-----	73		
	TOTAL-----	3,540	17,700	
SUNANNEE RIVER, FLA.,-----	NO COMMERCE REPORTED			
WITHLACOCHEE RIVER, FLA.,-----	NO COMMERCE REPORTED			
NONPROJECT				
WEDON ISLAND, FLA.,-----	2915 RESIDUAL FUEL OIL-----	806,984		
	3319 IRON AND STEEL PRODUCTS, NEC-----	20		
	TOTAL-----	807,004	2,421,012	

Waterborne Commerce of the United States, 1986

MOBILE, AL, DISTRICT

ST. MARKS RIVER, FLA.

SECTION INCLUDED: MOUTH TO NEWPORT, FLA. CONTROLLING DEPTH: MOUTH TO ST. MARKS, 12 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	1,200,633	*	1982	647,631	*
1978	1,803,995	*	1983	726,602	*
1979	1,671,323	*	1984	780,290	*
1980	1,594,829	*	1985	960,602	*
1981	1,144,797	*	1986	1,078,633	*

* NONE REPORTED.

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	1,078,633	1,062,490	13,303
0110 OILSEEDS, NEC	1,091	1,051	
1311 CRUDE PETROLEUM	9,188	4,990	4,198
1499 NONMETALLIC MINERALS, NEC	1,804	1,804	
2010 SODIUM HYDROXIDE	137,969	137,969	
2019 BASIC CHEMICALS AND PROD, NEC	2,430	2,430	
2071 NITROGENOUS CHEM FERTILIZERS	10,060	10,060	
2911 GASOLINE	362,935	362,935	
2914 DISTILLATE FUEL OIL	322,722	322,722	
2918 RESIDUAL FUEL OIL	177,880	176,042	1,838
2917 NAPHTHA, PETROLEUM SOLVENTS	13,485	9,478	7,727
2910 ASPHALT, TAR, AND BITUMENS	10,199	10,199	
2921 LIQUEFIED GASES	4,752	4,752	
4029 WASTE AND SCRAP, NEC	21,700	21,700	
TOTAL TON-MILES	11,655,625		

APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA, AND FLA.

SECTION INCLUDED: APALACHICOLA RIVER, MOUTH TO JUNCTION OF CHATTAHOOCHEE AND FLINT RIVERS; CHATTAHOOCHEE RIVER, JUNCTION TO COLUMBUS, GA.; FLINT RIVER, JUNCTION TO BAINBRIDGE, GA. CONTROLLING DEPTH: APALACHICOLA RIVER, 9 FEET, EXCEPT DURING PERIODS OF EXTREME LOW WATER; CHATTAHOOCHEE RIVER, 9 FEET TO COLUMBUS, GA.; FLINT RIVER, 9 FEET TO BAINBRIDGE, GA. PROJECT DEPTH: APALACHICOLA RIVER, 9 FEET; CHATTAHOOCHEE RIVER TO COLUMBUS, GA., 9 FEET; FLINT RIVER TO BAINBRIDGE, GA., 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,070,165	1982	625,591
1978	873,353	1983	690,204
1979	889,884	1984	1,178,740
1980	783,656	1985	1,201,921
1981	648,932	1986	902,695

* GULF INTRACOASTAL WATERWAY THROUGH TRAFFIC OVER LOWER 6 MILES OF THE APALACHICOLA RIVER IS EXCLUDED.

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	DOWNBOUND
TOTAL	902,695	10,204	4,000	452,419	55,942	380,330
0103 CORN	1,440			1,440		
0104 OATS	26,517			26,517		
0107 WHEAT	6,493				6,493	
0111 SOYBEANS	32,571				32,571	
0119 OILSEEDS, NEC	1,100			1,100		
1051 ALUMINUM ORES, CONCENTRATES	13,402				13,402	
1121 COAL AND LIGNITE	66,299			66,299		
1311 CRUDE PETROLEUM	4,198		4,198			
1442 SAND, GRAVEL, CRUSHED ROCK	380,330					380,330
1494 GYPSUM, CRUDE AND PLASTERS	8,173			8,173		
1499 NONMETALLIC MINERALS, NEC	10,385			9,135	1,250	
2042 ANIMAL FEEDS	4,110			4,110		
2010 SODIUM HYDROXIDE	25,003			25,003		
2019 BASIC CHEMICALS AND PROD, NEC	22,926			20,700	2,226	
2071 NITROGENOUS CHEM FERTILIZERS	74,561			74,561		
2072 POTASSIC CHEM FERTILIZERS	1,200			1,200		
2073 PHOSPHATIC CHEM FERTILIZERS	13,846			13,846		
2079 FERTILIZER AND MATERIALS, NEC	9,347			9,347		
2911 GASOLINE	55,275			55,275		
2914 DISTILLATE FUEL OIL	28,766			28,766		
2915 RESIDUAL FUEL OIL	71,477			71,477		

APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA, AND FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	DOWNBOUND
2917 NAPHTHA, PETROLEUM SOLVENTS	8,456	4,456	4,000			
2918 ASPHALT, TAR, AND PITCHES	25,412			25,412		
3291 MISC NONMETALLIC MINERAL PROD	9,000			9,000		
3511 MACHINERY, EXCEPT ELECTRICAL	1,800	1,550		250		
TOTAL TON-MILES,	86,848,963.					

GULF COUNTY CANAL, FLA.

SECTION INCLUDED: ENTIRE LENGTH. CONTROLLING DEPTH: 12.0 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	51,690	1982	104,983
1978	321,763	1983	139,220
1979	527,610	1984	1,755,495
1980	741,029	1985	2,273,655
1981	317,898	1986	3,129,860

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	THROUGH SOUTHBOUND
TOTAL	3,129,860	3,096,655	33,205
0931 MARINE SMELLS, UNMANUFACTURED	9,000	9,000	
1121 COAL AND LIGNITE	3,087,655	3,087,655	
2810 SODIUM HYDROXIDE	3,775		3,775
2915 RESIDUAL FUEL OIL	29,388		29,388
3511 MACHINERY, EXCEPT ELECTRICAL	42		42
TOTAL TON-MILES,	15,682,505.		

PANAMA CITY HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL, INSIDE BAY AND WATSON BAYOU. CONTROLLING DEPTH: APPROACH CHANNEL 34 FEET; ACROSS LANDS END, 32 FEET; WATSON BAYOU, 10 FEET. PROJECT DEPTH: APPROACH CHANNEL, 34 FEET; ACROSS LANDS END, 32 FEET; WATSON BAYOU, 10 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	1,393,065	17	1982	1,642,931	166,610
1978	1,585,372	7,700	1983	1,594,263	118,800
1979	1,431,952	57,190	1984	1,398,840	141,200
1980	1,639,428	81,286	1985	1,615,519	141,500
1981	1,582,723	114,026	1986	2,786,990	185,049

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	2,786,990	59,303	334,762	2,305,328	87,597
0103 CORN	19		19		
0119 OILSEEDS, NEC	13,385		13,385		
0121 TOBACCO, LEAF	135		135		
0133 COFFEE	19		19		
0911 FRESH FISH, EXCEPT SHELLFISH	323		68		255
0912 SHELLFISH, EXCEPT PREPARED	169				169
1121 COAL AND LIGNITE	1,015,919			1,015,919	
1311 CRUDE PETROLEUM	2,628			2,628	
1442 SAND, GRAVEL, CRUSHED ROCK	209,009			209,009	
1451 CLAY	17,747	3,362	982	668	12,735
1499 NONMETALLIC MINERALS, NEC	4,777	110	3,237	130	1,300
2034 VEGETABLES AND PREP, NEC	1,204		1,204		
2039 PREP FRUIT AND VEG JUICE, NEC	513		513		
2042 ANIMAL FEEDS	8,663				8,663
2049 GRAIN MILL PRODUCTS, NEC	15,231		13,992		1,239
2081 ALCOHOLIC BEVERAGES	46	46			

Waterborne Commerce of the United States, 1986

PANAMA CITY HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
2095 ICE	256				256
2099 MISCELLANEOUS FOOD PRODUCTS	1,299	13			1,286
2211 BASIC TEXTILE PRODUCTS	100	14	86		
2311 APPAREL	12	12			
2421 LUMBER	25,028	23,060	1,968		
2491 WOOD MANUFACTURES, NEC	1	1			
2611 PULP	122,110		115,735		6,375
2621 STANDARD NEWSPRINT PAPER	55		55		
2631 PAPER AND PAPERBOARD	167,979		171,511	2,228	14,240
2691 PULP AND PAPER PRODUCTS, NEC	99		99		
2810 SODIUM HYDROXIDE	3,178			3,178	
2811 CRUDE TAR, OIL, GAS PRODUCTS	8,325			8,325	
2813 ALCOHOLS	33,430			31,992	1,438
2817 BENZENE AND TOLUENE	6,171			6,171	
2819 BASIC CHEMICALS AND PROD, NEC	5,797	2,384	667	2,746	
2821 PLASTIC MATERIALS	17		278		
2823 SYNTHETIC (MAN-MADE) FIBERS	278		17		
2841 SOAP	1	1			
2851 PAINTS	71		71		
2861 GUM AND WOOD CHEMICALS	3,579		3,579		
2871 NITROGENOUS CHEM FERTILIZERS	6,783			6,783	
2872 POTASSIC CHEM FERTILIZERS	2,963			2,963	
2879 FERTILIZER AND MATERIALS, NEC	6,168		6,802	1,366	
2891 MISCELLANEOUS CHEMICAL PROD	127		127		
2911 GASOLINE	445,875			445,875	
2914 DISTILLATE FUEL OIL	239,273			238,317	956
2915 RESIDUAL FUEL OIL	76,345			76,345	
2916 LUBRICATING OILS AND GREASES	72,751		4	72,747	
2917 NAPHTHA, PETROLEUM SOLVENTS	16,188			16,188	
2921 LEGUEPIED GASES	7,430			7,430	
2951 ASPHALT BUILDING MATERIALS	8		8		
3241 BUILDING CEMENT	111,438			111,204	234
3314 IRON AND STEEL PRIMARY FORMS	22,679			20,934	1,945
3315 IRON, STEEL SHAPES, EXC SHEET	27,165	27,134		31	
3316 IRON AND STEEL PLATES, SHEETS	19,317		277	19,040	
3317 IRON AND STEEL PIPE AND TUBE	32,427	182		305	31,940
3329 IRON AND STEEL PRODUCTS, NEC	3	3			
3321 NONFERROUS METALS, NEC	32	17	15		
3324 ALUMINUM AND ALLOYS, UNWORKED	318	318			
3411 FABRICATED METAL PRODUCTS	128	30	98		
3611 MACHINERY, EXCEPT ELECTRICAL	3,477	149	34	2,294	1,000
3611 ELECTRICAL MACH AND EQUIP	37	3	34		
3711 MOTOR VEHICLES, PARTS, EQUIP	1,808	1,806	42		
3731 SHIPS AND BOATS	11		11		
3791 MISC TRANSPORTATION EQUIPMENT	43		43		
3811 INSTR, TIME, PHOTO, OPT GOODS	1	1			
3911 MISC MANUFACTURED PRODUCTS	5	4	1		
4022 TEXTILE WASTE, SCRAP, SHEEP	19		19		
4024 PAPER WASTE AND SCRAP	168		168		
4029 WASTE AND SCRAP, NEC	5			5	
4111 WATER	3,671			83	3,588
4112 COMMODITIES, NEC	112	53	59		
4119 EMPTY CONTAINERS	402				402
TOTAL TON-MILES,	9,664,179.				

WATSON BAYOU, FLA. (INCLUDED IN TRAFFIC OF PANAMA CITY HARBOR, FLA.)

SECTION INCLUDED: FROM PANAMA CITY HARBOR TO HIGHWAY BRIDGE ACROSS BAYOU, ABOUT 1.7 MILES. CONTROLLING AND PROJECT DEPTHS: 10 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	366,442	1982	760,608
1978	377,074	1983	736,882
1979	368,518	1984	570,751
1980	387,593	1985	522,201
1981	384,428	1986	779,665

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	779,665	778,227	1,438
1482 SAND, GRAVEL, CRUSHED ROCK	209,009	209,009	
2811 CRUDE TAR, OIL, GAS PRODUCTS	8,325	8,325	
2813 ALCOHOLS	31,122	29,684	1,438
2817 BENZENE AND TOLUENE	6,171	6,171	
2819 BASIC CHEMICALS AND PROD, NEC	2,746	2,746	
2911 GASOLINE	277,611	277,611	

MOBILE, AL, DISTRICT

WATSON BAYOU, FLA. (INCLUDED IN TRAFFIC OF PANAMA CITY HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
2914 DISTILLATE FUEL OIL	102,331	102,331	
2915 RESIDUAL FUEL OIL	9,000	9,000	
2916 LUBRICATING OILS AND GREASES	9,973	9,973	
2917 NAPHTHA, PETROLEUM SOLVENTS	12,358	12,358	
3241 BUILDING CEMENT	111,019	111,019	
TOTAL TON-MILES	1,284,882.		

ESCAMBIA AND CONECH RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.

SECTION INCLUDED: FROM THE 10-FOOT CONTOUR IN ESCAMBIA BAY TO MILE 7 ABOVE THE MOUTH OF ESCAMBIA RIVER, FLA. CONTROLLING DEPTH: 10 FEET. PROJECT DEPTH: 10 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,944,358	1982	1,578,019
1978	1,779,180	1983	1,775,404
1979	1,996,131	1984	2,095,064
1980	1,920,425	1985	1,959,715
1981	2,361,638	1986	1,875,974

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		SHIPMENTS	INBOUND
TOTAL	1,875,974	750	1,874,243
1121 COAL AND LIGNITE	1,636,976		1,636,976
2819 BASIC CHEMICALS AND PROD, NEC	161,716		161,716
2915 RESIDUAL FUEL OIL	2,371		2,371
2921 LIQUEFIED GASES	61,629		61,629
3291 MISC NONMETALLIC MINERAL PROD	11,465		11,465
3312 SLAG	981		981
3511 MACHINERY, EXCEPT ELECTRICAL	86		86
3791 MISC TRANSPORTATION EQUIPMENT	750	750	
TOTAL TON-MILES	37,971,451.		

PENSACOLA HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL AND ENTIRE HARBOR, INCLUDING BAYOU CHICO. CONTROLLING DEPTH: ENTRANCE, 35 FEET; INNER HARBOR, 33 FEET; BAYOU CHICO, 15 AND 14 FEET. PROJECT DEPTH: ENTRANCE, 35 FEET; INNER HARBOR, 33 FEET; BAYOU CHICO, 15 AND 14 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977	3,105,287		3,105,287	123	1982	1,713,935		1,713,935	
1978	3,064,044		3,064,044	30	1983	1,773,728		1,773,728	
1979	2,456,708		2,456,708		1984	1,258,705		1,258,705	
1980	2,456,151		2,456,151		1985	1,315,391		1,315,391	
1981	1,930,858		1,930,858		1986	1,938,584		1,938,584	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	INTERNAL		
				SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	1,938,584	122,739	326,312	278,187	647,554	343,792
0105 RICE	61,934		56,423		5,511	
0133 COFFEE	77	77				
0141 FRESH AND FROZEN VEGETABLES	308		308			
1411 LIMESTONE	16,026				16,026	
1462 SAND, GRAVEL, CRUSHED ROCK	46,241				46,241	
1493 SULPHUR, LIQUID	226,235			120,212		106,023
2918 TALLOW, ANIMAL FATS AND OILS	215		215			

Waterborne Commerce of the United States, 1986

PENSACOLA HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTERNAL
				SHIPMENTS	RECEIPTS		SHIPMENTS
2022 DRIED MILK AND CREAM	13,901		13,901			
2041 WHEAT FLOUR AND SEMOLINA	207,023		207,023			
2049 GRAIN MILL PRODUCTS, NEC	52,139		38,199			13,940
2091 VEGETABLE OILS, MARG, SHORT	1,513		1,513			
2099 MISCELLANEOUS FOOD PRODUCTS	10,339		2,944			7,395
2631 PAPER AND PAPERBOARD	3,317		3,317			
2810 SODIUM HYDROXIDE	8,604				8,604	
2819 BASIC CHEMICALS AND PROD, NEC	8,465	1,572	897		5,996	
2823 SYNTHETIC (MAN-MADE) FIBERS	32		32			
2851 PAINTS	1	1				
2871 NITROGENOUS CHEM FERTILIZERS	32,165	16,910				15,247
2872 POTASSIC CHEM FERTILIZERS	7,719				7,719	
2891 MISCELLANEOUS CHEMICAL PROD	147		147			
2911 GASOLINE	238,208				235,528	2,680
2912 JET FUEL	61,265				61,265	
2914 DISTILLATE FUEL OIL	111,701			2,564	103,382	5,755
2915 RESIDUAL FUEL OIL	493,204	104,137		144,503	126,287	118,277
2916 LUBRICATING OILS AND GREASES	2		2			
2917 NAPHTHA, PETROLEUM SOLVENTS	4,131				4,131	
2918 ASPHALT, TAR, AND BITUMENS	210,028			10,908	195,460	3,660
2991 PETROLEUM AND COAL PROD, NEC	37,427				37,427	
3316 IRON AND STEEL PLATES, SHEETS	2,685		222		2,463	
3319 IRON AND STEEL PRODUCTS, NEC	11,493				11,493	
3322 COPPER ALLOYS, UNWORKED	3	3				
3411 FABRICATED METAL PRODUCTS	2	2				
3511 MACHINERY, EXCEPT ELECTRICAL	56	8	1		21	26
3731 SHIPS AND BOATS	9	9				
3911 MISCELLANEOUS MANUFACTURED PRODUCTS	12	12				
4011 IRON AND STEEL SCRAP	70,789					70,789
4112 COMMODITIES, NEC	1,168		1,168			
TOTAL TON-MILES	34,382,630					

MOBILE HARBOR, ALA.

SECTION INCLUDED: ENTRANCE, BAY AND RIVER CHANNELS, AND CHANNELS INTO CHICKASAW AND THREE MILE CREEKS. CONTROLLING DEPTH: ENTRANCE, 42 FEET; BAY AND RIVER, 40 FEET; BRANCH CHANNELS, 25 FEET. PROJECT ENTRANCE, 42 FEET; BAY AND RIVER, 40 FEET; BRANCH CHANNELS, 25 TO 27 FEET; INCLUDING THEODORE SHIP CHANNEL, CONTROLLING DEPTH, 40 FEET; PROJECT DEPTH, 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	35,943,693	391	1982	32,320,845	
1978	36,260,857	122	1983	29,690,361	
1979	35,265,204		1984	35,718,226	
1980	37,568,968		1985	37,749,120	91
1981	37,611,445	256,960	1986	37,575,509	38

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS		RECEIPTS		SHIPMENTS
TOTAL	37,575,509	7,129,229	11,034,266	33,462	548,714	11,222,331	6,969,581	637,926
0101 COTTON, RAW	174		174					
0103 CORN	909,091		899,353			6,747	1,497	1,494
0105 RICE	799		799					
0106 SORGHUM GRAINS	41,145		35,565			2,733	2,847	
0107 WHEAT	77,539		48,423			6,486	16,630	6,000
0111 SOYBEANS	1,205,700		1,022,617			112,082	37,501	33,580
0119 OILSEEDS, NEC	19,835		18,664			1,171		
0121 TOBACCO, LEAF	544		544					
0129 FIELD CROPS, NEC	2	2						
0131 FRESH FRUITS	30	18	12					
0132 BANANAS AND PLANTAINS	22	22						
0133 COFFEE	341	341						
0134 COCOA BEANS	313	313						
0141 FRESH AND FROZEN VEGETABLES	58,114	67	58,047					
0161 ANIMALS AND PRODUCTS, NEC	4,315		4,315					
0191 MISCELLANEOUS FARM PRODUCTS	11,201	171	5		11,105			
0841 CRUDE RUBBER AND ALLIED GUMS	1,421	1,421						
0861 FOREST PRODUCTS, NEC	59	59						
0911 FRESH FISH, EXCEPT SHELLFISH	174	52						
0912 SHELLFISH, EXCEPT PREPARED	156	156				122		
0931 MARINE SHELLS, UNMANUFACTURED	469,755					433,650	36,105	
1011 IRON ORE AND CONCENTRATES	4,154,270	2,710,862				1,441,932	1,476	
1051 ALUMINUM ORES, CONCENTRATES	2,014		378				1,636	
1061 MANGANESE ORES, CONCENTRATES	26,284	20,870					4,014	
1071 NONFERROUS ORES, CONCENT, NEC	232,851	227,097				1,400		
1121 COAL AND LIGNITE	13,725,162	1,029,587	7,615,347			3,989,467	1,035,163	55,598
1311 CRUDE PETROLEUM	4,049,595	665,853				917,546	2,204,858	241,338
1411 LIMESTONE	24,192						19,504	4,688
1442 SAND, GRAVEL, CRUSHED ROCK	862,692	109,240	44			621,521	122,951	8,936

MOBILE, AL, DISTRICT

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MOBILE HARBOR, ALA.--CONTINUED
 FREIGHT TRAFFIC, 1966--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	MONTHLY		ANNUAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1481 CLAY	204,809	6,225	98,095			99,193	1,293	
1471 PHOSPHATE ROCK	80		80					
1492 SULPHUR, DRY	23		23					
1494 SULPHUR, CRUDE AND PLASTERS	257,155	156,474				1,507	99,174	
1499 NONMETALLIC MINERALS, NEC	8,581		1,235		481	2,599	4,266	
1911 ORNANCE AND ACCESSORIES	3,228	1	15			3,210		
8011 MEAT, FRESH, CHILLED, FROZEN	1,639	618	621					
8012 MEAT AND PRODUCTS, NEC	621	202	419					
8014 TALLOW, ANIMAL FATS AND OILS	1,249		1,249					
8015 ANIMAL BY-PRODUCTS, NEC	107	11	196					
8022 DRIED MILK AND CREAM	4,949		4,949					
8031 FISH AND SHELLFISH, PREPARED	92	72	20					
8034 VEGETABLES AND PREP, NEC	5,479	431	48					
8039 PREP FRUIT AND VEG JUICE, NEC	5,011	4,980	31					
8041 WHEAT FLOUR AND SEMOLINA	151		151					
8042 ANIMAL FEEDS	14,523		2,018			1,400	11,105	
8049 GRAIN MILL PRODUCTS, NEC	10,173	240	5,889			4,044		
8062 MOLASSES	13,498	8,810				4,216	472	
8091 ALCOHOLIC BEVERAGES	10,494	6,339	2,155					
8091 VEGETABLE OILS, MARG, SHORT	37,072	38	500		17,486	18,240	666	
8099 MISCELLANEOUS FOOD PRODUCTS	18,991	188	1,989	335	14,870	2,200		
8211 BASIC TEXTILE PRODUCTS	4,090	2,245	277			1,568		
8211 APPAREL	475	96	216	18	140			
8211 LBS	31,289		3,189			28,100		
8215 FUEL WOOD, CHARCOAL, WASTE	9		9					
8216 TIMBER, POSTS, POLES, PILING	33,331		18,934		15,519		1,078	
8215 PULPHOOD, LOGS	2,576,143					2,576,143		
8216 WOOD CHIPS, STAVES, HOLDINGS	178,998					178,998		
8221 LUMBER	199,957	30,520	143,764		23,307		2,366	
8221 VENEER, PLYWOOD, WORKED WOOD	98,977	1,368	92,193		2,416			
8221 WOOD MANUFACTURES, NEC	30,470	7,802	6,796		15,878			
8221 FURNITURE AND FIXTURES	3,359	210	56		3,093			
8211 PULP	598,657	138,716	458,613				1,328	
8221 STANDARD NEWSPRINT PAPER	14,110	10,184	3,935					
8234 PAPER AND PAPERBOARD	182,433	15,636	163,991			2,402	604	
8241 PULP AND PAPER PRODUCTS, NEC	19,724	16	3,138		16,576			
8711 PRINTED MATTER	747	30	435		282			
8010 SODIUM HYDROXIDE	234,064					186,605	47,459	
8011 CRUDE TAR, OILY SLAG PRODUCTS	7,142	145	23			6,974		
8013 ALCOHOLS	24,956		18			19,785	5,153	
8016 RADIOACTIVE MATERIALS, WASTE	543	543						
8019 BASIC CHEMICALS AND PROD, NEC	176,508	62,280	31,112		2,771	14,392	63,692	2,901
8021 PLASTIC MATERIALS	7,056	296	3,614			3,146		
8022 SYNTHETIC RUBBER	12,390		10,460			1,930		
8023 SYNTHETIC (MAN-MADE) FIBERS	711	440	271					
8031 DRUGS	111	20	91					
8041 SOAP	2,035	521	114			1,400		
8051 PAINTS	1,525	1,459	66					
8061 GUM AND WOOD CHEMICALS	862	185	677					
8071 NITROGENOUS CHEM FERTILIZERS	4,970	110	52			1,191	3,617	
8072 POTASSIC CHEM FERTILIZERS	223,679	128,792	4,830		4,008	1,507	80,830	4,620
8074 INSECTICIDES, DISINFECTANTS	2,599	1,043	1,536					
8079 FERTILIZER AND MATERIALS, NEC	2,804		72				2,732	
8091 MISCELLANEOUS CHEMICAL PROD	9,383	6,381	1,602				1,400	
8011 GASOLINE	800,217				19,322	447,728	280,220	52,740
8012 JET FUEL	241,027		73,387		55,373	2,823	109,474	
8013 KEROSENE	37,004						37,004	
8014 DISTILLATE FUEL OIL	339,872		14,703		41,725	192,344	40,471	56,629
8018 RESIDUAL FUEL OIL	1,588,897	488,842		25,470	85,030	67,396	177,915	147,336
8016 LUBRICATING OILS AND GREASES	3,215		749		1,886	1,390		
8017 NAPHTHA, PETROLEUM SOLVENTS	249,535				1,678		247,857	
8018 ASPHALT, TAR, AND BITUMENS	657,844	27,735	23	7,330	128,103	427,506	247,059	
8020 COKE, PETROLEUM COKE	161,083		85,307			75,776		
8091 ASPHALT BUILDING MATERIALS	158		158					
8091 PETROLEUM AND COAL PROD, NEC	132,030		54			47,539	60,442	23,591
8011 RUBBER AND MISC PLASTIC PROD	2,080	779	737		564			
8111 LEATHER AND LEATHER PRODUCTS	1,32	38	6					
8211 GLASS AND GLASS PRODUCTS	1,316	1,250	66					
8221 BUILDING CEMENT	1,071,280	734,203			69,312	42,720	222,650	2,195
8231 STRUCTURAL CLAY PRODUCTS	1,336	355	981					
8291 CUT STONE AND STONE PRODUCTS	84	84						
8291 MISC NONMETALLIC MINERAL PROD	2,202	179	417	17	1,589			
3312 GLASS	23,181					23,181		
3314 IRON AND STEEL PRIMARY FORMS	389,525	207,584	1,213			2,707	178,021	
3315 IRON, STEEL SHAPES, EXC SHEET	124,761	118,214	107			6,440		
3316 IRON AND STEEL PLATES, SHEETS	11,615	5,340	290			5,988		
3317 IRON AND STEEL PIPE AND TUBE	57,683	7,488	46,280		2,503	864	888	
3318 FERROALLOYS	81,743	39,241				3,961	37,121	1,400
3319 IRON AND STEEL PRODUCTS, NEC	4,545	303	34		4,128			
3321 NONFERROUS METALS, NEC	86	26	62					
3322 COPPER ALLOYS, UNWORKED	913	887	26					
3323 ALUMINUM AND ALLOYS, UNWORKED	34,798	34,692	106					
3411 FABRICATED METAL PRODUCTS	64,569	46,930	2,730	82	2,252	18,545	30	
3411 MACHINERY, EXCEPT ELECTRICAL	17,179	13,604	1,689		107	1,505	194	
3411 ELECTRICAL MACH AND EQUIP	18,663	18,982	1,365			221		
3711 MOTOR VEHICLES, PARTS, EQUIP	1,000	544	435		1			
3721 AIRCRAFT AND PARTS	11		11					
3731 SHIPS AND BOATS	680	173	117	140		256		
3791 MISC TRANSPORTATION EQUIPMENT	1,270	782	424	2	62			
3811 INSTR, TIME, PHOTO, OPT GOODS	192	88	58	12	34			
3911 MISC MANUFACTURED PRODUCTS	1,111	222	39	22	306	327	195	
8011 IRON AND STEEL SCRAP	57,817		18,953			8,077	36,787	
8018 NONFERROUS METAL SCRAP	7,482	5,493	1,989					
8022 TEXTILE WASTE, SCRAP, SWEEP	218		218					

Waterborne Commerce of the United States, 1986

MOBILE HARBOR, ALA.--CONTINUED FREIGHT TRAFFIC, 1986--CONTINUED (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
8028 PAPER WASTE AND SCRAP-----	2,160	111	2,049	-----	-----	-----	-----	-----
8029 WASTE AND SCRAP, NEC-----	1,667	-----	-----	23	10	1,626	-----	-----
9111 WATER-----	12,005	-----	-----	-----	-----	299	11,796	-----
9112 COMMODITIES, NEC-----	15,118	2,935	1,265	3	6,788	899	3,388	-----
9119 EMPTY CONTAINERS-----	12	-----	-----	-----	-----	12	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,160	-----	1,160	-----	-----	-----	-----	-----
TOTAL TON-MILES, 1,110,448,517.								

THREE MILE CREEK, ALA. (INCLUDED IN TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: LOWER 1.4 MILES OF CREEK AND INDUSTRIAL CANAL. CONTROLLING DEPTHS: TO 0.2 MILE, 30 FEET; THENCE TO INDUSTRIAL CANAL, 20 FEET; THENCE TO HEAD OF INDUSTRIAL CANAL, 10 FEET. PROJECT DEPTH: IMPROVED BY STATE OF ALABAMA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	6,404,981	1982-----	2,595,258
1978-----	6,673,825	1983-----	1,362,264
1979-----	3,594,964	1984-----	439,661
1980-----	3,960,940	1985-----	748,773
1981-----	3,548,086	1986-----	1,396,150

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	1,396,153	250,308	1,080,599	65,246
0111 SOYBEANS-----	989	989	-----	-----
0119 DULSEEDS, NEC-----	1,171	1,171	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	122	122	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	63,705	27,600	36,105	-----
1001 MANGANESE ORES, CONCENTRATES-----	1,400	1,400	-----	-----
1121 COAL AND LIGNITE-----	1,074,192	4,200	1,015,919	54,073
1402 SAND, GRAVEL, CRUSHED ROCK-----	51,012	48,591	-----	4,421
1451 CLAY-----	61,971	61,971	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	19,236	-----	19,236	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,200	2,200	-----	-----
2411 LOGS-----	28,100	28,100	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	14,008	14,008	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	2,076	-----	2,076	-----
2872 POTASSIC CHEM FERTILIZERS-----	7,151	-----	3,131	4,020
2879 FERTILIZER AND MATERIALS, NEC-----	2,732	-----	2,732	-----
3915 RESIDUAL FUEL OIL-----	15,581	12,819	-----	2,732
3920 COKE, PETROLEUM COKE-----	48,887	48,887	-----	-----
3731 SHIPS AND BOATS-----	250	250	-----	-----
4011 IRON AND STEEL SCRAP-----	1,400	-----	1,400	-----
TOTAL TON-MILES, 1,439,993.				

CHICKASAW CREEK, ALA. (INCLUDED IN TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: MOUTH TO 400 FEET SOUTH OF SHELL BAYOU IN CREEK. CONTROLLING DEPTHS: 25 FEET. PROJECT DEPTHS: 25 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	2,106,232	1982-----	2,501,144
1978-----	2,220,553	1983-----	2,882,415
1979-----	2,219,677	1984-----	3,874,123
1980-----	2,030,348	1985-----	4,764,157
1981-----	2,084,529	1986-----	6,301,070

MOBILE, AL, DISTRICT

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CHICKASAW CREEK, ALA. (INCLUDED IN
TRAFFIC OF MOBILE HARBOR, ALA.)--CONTINUED

FREIGHT TRAFFIC, 1966

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS		
TOTAL	6,301,070	37,155	30,625	157,450	4,296,603	1,271,115	500,076
0103 CORN	159		159				
0105 RICE	104		104				
0119 OILSEEDS, NEC	173		173				
0141 FRESH AND FROZEN VEGETABLES	3,056		3,056				
0191 MISCELLANEOUS FARM PRODUCTS	19		19				
0041 CRUDE RUBBER AND ALLIED GUMS	60		60				
0051 MARINE SHELLS, UNMANUFACTURED	9,000				9,000		
1011 IRON ORE AND CONCENTRATES	1,476					1,476	
1121 COAL AND LIGNITE	277,029				210,668	5,000	54,073
1211 CRUDE PETROLEUM	1,579,602				917,546	237,927	224,209
1400 SAND, GRAVEL, CRUSHED ROCK	7,135				7,135		
1451 CLAY	1,135		1,135				
1492 SULPHUR, DRY	23						
1499 NONMETALLIC MINERALS, NEC	234		234				
2012 MEAT AND PRODUCTS, NEC	32		32				
2014 TALLOW, ANIMAL FATS AND OILS	1,070		1,070				
2034 VEGETABLES AND PREP, NEC	274		273				
2039 PREP FRUIT AND VEG JUICE, NEC	0		0				
2092 ANIMAL FEEDS	420		420				
2099 GRAIN MILL PRODUCTS, NEC	404		1		403		
2091 ALCOHOLIC BEVERAGES	34		34				
2091 VEGETABLE OILS, MARG, SHORT	77		77				
2099 MISCELLANEOUS FOOD PRODUCTS	114		48		66		
2211 BASIC TEXTILE PRODUCTS	312		269		43		
2311 APPAREL	20		20				
2414 TIMBER, POSTS, POLES, PILING	2,084		1,016			1,070	
2415 PULPMOOD, LOG	2,576,143				2,576,143		
2418 WOOD CHIPS, STAVES, MOLDINGS	164,990				164,990		
2421 LUMBER	28,301	15,938	9,997			2,366	
2431 VENEER, PLYWOOD, WORKED WOOD	1,599	6	1,593				
2491 WOOD MANUFACTURES, NEC	1,041	447	594				
2511 FURNITURE AND FIXTURES	25		21			4	
2611 PULP	3,799		3,799				
2621 STANDARD NEWSPRINT PAPER	2,267		2,267				
2631 PAPER AND PAPERBOARD	5,710		5,710				
2691 PULP AND PAPER PRODUCTS, NEC	51		51				
2810 SODIUM HYDROXIDE	185,910				185,910		
2811 CRUDE TAR, OILY GAS PRODUCTS	23		23				
2819 BASIC CHEMICALS AND PROD, NEC	67,010	935	497			62,677	2,901
2821 PLASTIC MATERIALS	425		395				
2822 SYNTHETIC RUBBER	60		60				
2823 SYNTHETIC (MAN-MADE) FIBERS	560	440	120				
2831 DRUGS	1		1				
2841 SOAP	9		9				
2851 PAINTS	42		42				
2861 GUM AND WOOD CHEMICALS	2		2				
2876 INSECTICIDES, DISINFECTANTS	61		61				
2891 MISCELLANEOUS CHEMICAL PROD	533		533				
2911 GASOLINE	377,263			10,982	42,335	271,206	52,740
2912 JET FUEL	135,431			29,531	1,250	104,650	
2913 KEROSENE	30,284					30,284	
2914 DISTILLATE FUEL OIL	103,994			29,873	76,148	28,378	49,595
2915 RESIDUAL FUEL OIL	271,059			33,082	90,862	55,620	91,487
2916 LUBRICATING OILS AND GREASES	652		652				
2917 NAPHTHA, PETROLEUM SOLVENTS	231,179			1,678		229,501	
2918 ASPHALT, TAR, AND PITCHES	237,440			52,290	3,660	181,490	
2920 COKE, PETROLEUM COKE	1,603		121		1,482		
2991 PETROLEUM AND COAL PROD, NEC	64,482		45			60,042	23,595
3011 RUBBER AND MISC PLASTIC PROD	45		45				
3111 LEATHER AND LEATHER PRODUCTS	1		1				
3211 GLASS AND GLASS PRODUCTS	1,091	1,007	4				
3251 STRUCTURAL CLAY PRODUCTS	102		102				
3291 MISC NONMETALLIC MINERAL PROD	6		6				
3314 IRON AND STEEL PRIMARY FORMS	1,213		1,213				
3315 IRON, STEEL SHAPES, EXC SHEET	4,323	2,735	54		1,534		
3316 IRON AND STEEL PLATES, SHEETS	203		203				
3319 IRON AND STEEL PRODUCTS, NEC	16		16				
3321 NONFERROUS METALS, NEC	6		6				
3322 COPPER ALLOYS, UNWORKED	9		9				
3324 ALUMINUM AND ALLOYS, UNWORKED	87		87				
3411 FABRICATED METAL PRODUCTS	185		185				
3511 MACHINERY, EXCEPT ELECTRICAL	243	20	223				
3611 ELECTRICAL MACH AND EQUIP	14,611	14,562	49				
3711 MOTOR VEHICLES, PARTS, EQUIP	110		100				
3721 AIRCRAFT AND PARTS	1		1				
3731 SHIPS AND BOATS	23		12				
3791 MISC TRANSPORTATION EQUIPMENT	11		11				
3811 INSTR, TIME, PHOTO, OPT GOODS	54		54				
3911 MISC MANUFACTURED PRODUCTS	16		16				
4011 IRON AND STEEL SCRAP	3		3				
4012 NONFERROUS METAL SCRAP	162		162				
4021 PAPER WASTE AND SCRAP	356		356				
4112 COMMODITIES, NEC	404	137	267				
TOTAL TON-MILES,	12,186,074.						

Waterborne Commerce of the United States, 1986

ALABAMA-COOSA RIVERS, ALA. AND GA.

SECTION INCLUDED: MOUTH TO NETUMPKA, ALA. CONTROLLING DEPTH: 9.0 FEET; PROJECT DEPTH: MOUTH TO NETUMPKA, 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,684,117	1982	2,508,383
1978	1,966,674	1983	2,605,642
1979	2,020,366	1984	3,950,558
1980	1,581,448	1985	3,798,846
1981	2,159,397	1986	4,087,357

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	UPBOUND
TOTAL	4,087,357	37,911	3,487,958	561,488
0103 CORN	739		739	
0104 OATS	970	970		
0107 WHEAT	1,100		1,100	
0111 SOYBEANS	11,073		11,073	
1402 SAND, GRAVEL, CRUSHED ROCK	1,476,214		914,726	561,488
2411 LOGS	20,850		20,850	
2418 PULPWOOD, LOG	2,536,112		2,536,112	
2813 ALCOHOLS	11,658	11,658		
2819 BASIC CHEMICALS AND PROD, NEC	2,133		2,133	
2871 NITROGENOUS CHEM FERTILIZERS	2,563		2,563	
2872 POTASSIC CHEM FERTILIZERS	2,239		2,239	
2879 FERTILIZER AND MATERIALS, NEC	9,026		9,026	
2915 RESIDUAL FUEL OIL	6,678		6,678	
2918 ASPHALT, TAR, AND PITCHES	5,982	2,624	3,358	
TOTAL TON-MILES	664,696,563			

BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.

SECTION INCLUDED: MOUTH OF CHICKASAW CREEK TO MILE 429.6 ON MULBERRY FORK, MILE 430.4 ON SIPSLEY FORK, AND MILE 407.8 ON LOCUBY FORK OF THE BLACK WARRIOR RIVER. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	15,287,119	1982	15,159,692
1978	18,600,813	1983	14,676,788
1979	15,311,328	1984	19,603,949
1980	16,706,852	1985	18,887,906
1981	15,962,211	1986	17,870,712

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND DOWNBOUND	
TOTAL	17,870,712	6,300	3,250,885	5,034,032	50,704	4,613,504	292,291	4,623,396
0103 CORN	16,984		10,183				4,712	2,089
0104 OATS	14,111						14,111	
0106 BROOM GRAINS	12,617			2,733			1,586	8,298
0107 WHEAT	13,500			6,450				7,050
0111 SOYBEANS	159,787		1,400	40,457			1,276	115,114
0931 MARINE SHELLS, UNMANUFACTURED	10,000		10,000					
1011 IRON ORE AND CONCENTRATES	1,457,450		1,453,204	1,400	1,400	1,446		
1051 ALUMINUM ORES, CONCENTRATES	8,638		8,638					
1061 MANGANESE ORES, CONCENTRATES	7,820		3,560	4,260				
1091 NONFERROUS ORES, CONCENT, NEC	49,847						49,847	
1121 COAL AND LIGNITE	9,795,996		410,482	4,131,515	29,352	4,605,245		619,402
1311 CRUDE PETROLEUM	617,279		403,105	211,340	2,834			
1411 LIMESTONE	34,754		12,754					22,000
1402 SAND, GRAVEL, CRUSHED ROCK	960,541		17,021		5,233		21,884	916,403
1451 CLAY	89,233							89,233
1494 GYPSUM, CRUDE AND PLASTERS	96,121		85,741	1,507			8,873	
1499 NONMETALLIC MINERALS, NEC	178,358		127,443				50,915	
2042 ANIMAL FEEDS	30,967		23,123	1,343			6,501	
2049 GRAIN MILL PRODUCTS, NEC	4,544							4,544
2411 LOGS	32,350			7,250	2,285	1,965		20,850
2418 PULPWOOD, LOG	2,613,235			77,123				2,536,112
2416 WOOD CHIPS, STAVES, HOLDINGS	183,798							183,798
2421 LUMBER	966						966	
2631 PAPER AND PAPERBOARD	2,016							2,016
2810 SODIUM HYDROXIDE	179,407	6,300	94,565	65,370	9,600	3,572		
2811 CRUDE TAR, OILY GAS PRODUCTS	10,816		10,816					
2813 ALCOHOLS	38,826		27,168				11,658	

BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND DOWNBOUND
2817 BENZENE AND TOLUENE	2,818		2,818				
2818 SULPHURIC ACID	7,338		4,525	2,813			
2819 BASIC CHEMICALS AND PROD, NEC	63,378		4,099	73,230			6,649
2871 NITROGENOUS CHEM FERTILIZERS	8,490		5,907				2,583
2872 POTASSIC CHEM FERTILIZERS	2,239						2,239
2879 FERTILIZER AND MATERIALS, NEC	59,508						27,084 32,424
2911 GASOLINE	8,051		3,922				4,929
2912 JET FUEL	5,836		5,836				
2914 DISTILLATE FUEL OIL	26,313			10,022			15,491
2915 RESIDUAL FUEL OIL	204,273		46,232	151,343			6,678
2916 LUBRICATING OILS AND GREASES	8,134		8,134				
2917 NAPHTHA, PETROLEUM SOLVENTS	13,626		13,626				
2918 ASPHALT, TAR, AND PITCHES	115,023		53,434	9,871			48,360 3,358
2920 COKE, PETROLEUM COKE	83,041		2,400	79,263			1,378
3241 BUILDING CEMENT	93,543		41,597	51,946			
3311 PIG IRON	15,955		15,955				
3314 IRON AND STEEL PRIMARY FORMS	245,855		214,826	29,644			1,385
3315 IRON, STEEL SHAPES, EXC SHEET	36,421		33,161	1,704			1,556
3316 IRON AND STEEL PLATES, SHEETS	9,510		9,510				
3317 IRON AND STEEL PIPE AND TUBE	14,267			14,267			
3318 FERROALLOYS	45,180		42,854	1,160			1,966
3319 IRON AND STEEL PRODUCTS, NEC	1,315		1,315				
3324 ALUMINUM AND ALLOYS, UNWORKED	1,236			1,236			
3411 FABRICATED METAL PRODUCTS	5,000			5,000			
3511 MACHINERY, EXCEPT ELECTRICAL	71		71				
4011 IRON AND STEEL SCRAP	56,091		5,615	47,571			2,705
4029 WASTE AND SCRAP, NEC	28,338		24,924	3,414			
4118 WATERWAY IMPROVEMENT MAT	61,101		3,101				58,000
TOTAL TON-MILES	4,687,156,485						

TENNESSEE TOMBIGBEE WATERWAY

SECTION INCLUDED: TOTAL LENGTH OF WATERWAY 233.7 MILES, HAS THREE SECTIONS: RIVER SECTION 149.3 MILES LONG, CHANNEL DIMENSION FOR RIVER 9 FEET BY 300 FEET, (4 LOCKS), CANAL SECTION 45.6 MILES LONG, 12 BY 300 FOOT CHANNEL, (5 LOCKS), DIVIDE CUT 38.8 MILES LONG, 12 BY 200 FOOT CHANNEL, (1 LOCK), TOTAL LIFT OF ALL 10 LOCKS, 341 FEET, CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977		1982	
1978		1983	
1979		1984	
1980		1985	1,358,260
1981		1986	3,646,332

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH	
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	3,646,332	509,947	892,838	2,106	2,900	623,645	1,614,196
0103 CORN	23,156	18,941	1,465				2,750
0104 OATS	13,141	13,141					
0106 SORGHUM GRAINS	14,398	4,600	8,298		1,500		
0107 WHEAT	5,950		5,950				
0111 SOYBEANS	128,426		125,605	1,281		1,540	
1011 IRON ORE AND CONCENTRATES	1,400					1,400	
1091 NONFERROUS ORES, CONCENT, NEC	49,847	5,708				44,139	
1121 COAL AND LIGNITE	1,288,702	128,029	133,657	1,525	1,400	10,475	1,013,616
1411 LIMESTONE	22,000						22,000
1442 SAND, GRAVEL, CRUSHED ROCK	513,584	43,563	23,161			24,884	421,976
1451 CLAY	90,723		90,723				
1494 GYPSUM, CRUDE AND PLASTERS	8,873	8,873					
1499 NONMETALLIC MINERALS, NEC	50,915	48,150				2,765	
2042 ANIMAL FEEDS	7,509		1,008			6,501	
2049 GRAIN MILL PRODUCTS, NEC	4,544						4,544
2410 WOOD CHIPS, STAVES, HOLDINGS	484,370		484,370				
2421 LUMBER	8,047		7,081			966	
2631 PAPER AND PAPERBOARD	2,016						2,016
2810 SODIUM HYDROXIDE	34,000					32,500	1,500
2813 ALCOHOLS	3,145						3,145
2819 BASIC CHEMICALS AND PROD, NEC	162,895	3,100	5,788			144,619	9,388
2871 NITROGENOUS CHEM FERTILIZERS	2,900						2,900
2872 POTASSIC CHEM FERTILIZERS	1,405	1,405					
2879 FERTILIZER AND MATERIALS, NEC	51,981	33,923				18,058	
2911 GASOLINE	221,304					221,304	
2914 DISTILLATE FUEL OIL	112,655					108,545	4,110
2918 ASPHALT, TAR, AND PITCHES	63,481	60,876				2,605	
2920 COKE, PETROLEUM COKE	1,378					1,378	

Waterborne Commerce of the United States, 1986

TENNESSEE TOMBIGBEE WATERWAY--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH	
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
3314 IRON AND STEEL PRIMARY FORMS	3,705	3,705					
3315 IRON, STEEL SHAPES, EXC SHEET	40,751	33,301					7,450
3316 IRON AND STEEL PLATES, SHEETS	3,796	3,796					
3317 IRON AND STEEL PIPE AND TUBE	1,427		1,427				
3318 FERROALLOYS	1,966						1,966
3319 IRON AND STEEL PRODUCTS, NEC	1,400	1,400					
3511 MACHINERY, EXCEPT ELECTRICAL	1,775	175	1,600				
4011 IRON AND STEEL SCRAP	4,105	1,400	2,705				
4118 WATERWAY IMPROVEMENT MAT	214,662	95,861					118,801
TOTAL TON-MILES, 665,205,488							

PASCAGOULA HARBOR, MISS.

SECTION INCLUDED: LOWER 4 MILES OF DOG RIVER AND LOWER 6.8 MILES OF PASCAGOULA RIVER, MISSISSIPPI SOUND, BAYOU CASOTTE, AND HORN ISLAND PASS CHANNELS, CONTROLLING DEPTH: HORN ISLAND PASS, 40 FEET; MISSISSIPPI SOUND AND RIVER TO L & N RAILROAD BRIDGE, 38 FEET; MISSISSIPPI SOUND AND BAYOU CASOTTE CHANNEL, 38 FEET; L & N RAILROAD BRIDGE TO STATE HIGHWAY 63 BRIDGE, 13 FEET; STATE HIGHWAY 63 BRIDGE TO MILE 4 ON DOG RIVER, 12 FEET. PROJECT DEPTH: HORN ISLAND PASS, 40 FEET; MISSISSIPPI SOUND AND RIVER TO L & N RAILROAD BRIDGE, 38 FEET; MISSISSIPPI SOUND AND BAYOU CASOTTE, 38 FEET; L & N RAILROAD BRIDGE TO STATE HIGHWAY 63 BRIDGE, 22 FEET; STATE HIGHWAY 63 BRIDGE TO MILE 4 ON DOG RIVER, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	23,832,891	1982	19,157,414
1978	25,244,343	1983	20,327,662
1979	25,289,493	1984	24,153,100
1980	25,433,560	1985	20,006,414
1981	26,362,566	1986	23,699,865

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	23,699,865	11,670,897	2,975,967	57,966	4,295,237	982,825	3,486,255	28,738
0103 CORN	482,689		394,950		14,575	64,644	8,520	
0105 RICE	51		51					
0106 SOYBEAN GRAINS	62,526		48,792				13,734	
0107 WHEAT	184,694		127,713			54,196	2,785	
0111 SOYBEANS	530,197		462,184			57,859	10,154	
0191 MISCELLANEOUS FARM PRODUCTS	16	16						
0841 CRUDE RUBBER AND ALLIED GUMS	7,654	7,648	6					
0911 FRESH FISH, EXCEPT SHELLFISH	1,240		762				478	
0912 SHELLFISH, EXCEPT PREPARED	180						180	
0913 MENHADEN	39						39	
0931 MARINE SHELLS, UNMANUFACTURED	42,250					42,250		
1061 MANGANESE ORES, CONCENTRATES	1,646					1,646		
1091 NONFERROUS ORES, CONCENT, NEC	5,523	5,523						
1311 CRUDE PETROLEUM	11,764,307	11,753,583					10,724	
1442 SAND, GRAVEL, CRUSHED ROCK	18,347					18,347		
1451 CLAY	1,646	1,646						
1471 PHOSPHATE ROCK	54,510		2	54,508				
1493 SULPHUR, LIQUID	130,738				89,485		41,253	
1499 GYPSUM, CRUDE AND PLASTERS	9,663						9,663	
2011 MEAT, FRESH, CHILLED, FROZEN	21,374		21,374					
2034 VEGETABLES AND PREP, NEC	13		13					
2039 PREP FRUIT AND VEG JUICE, NEC	4,577	4,577						
2042 ANIMAL FEEDS	6,624		1,575				800	4,249
2049 GRAIN MILL PRODUCTS, NEC	8,280		3,918		1,562		2,800	
2061 SUGAR	3		3					
2091 VEGETABLE OILS, MARG, SHORT	412	194	218					
2095 ICE	2,892						2,892	
2099 MISCELLANEOUS FOOD PRODUCTS	4,657	112	606			3,939		
2211 BASIC TEXTILE PRODUCTS	142	11	131					
2212 TEXTILE FIBERS, NEC	3		3					
2311 APPAREL	252	93	159					
2415 PULPHOOD, LOG	38,193	1,101				37,092		
2416 WOOD CHIPS, STAVES, MOLDINGS	4,800					4,800		
2421 LUMBER	25,585	25,232	303					
2431 VENEER, PLYWOOD, WORKED WOOD	2,725	214	2,511					
2491 WOOD MANUFACTURES, NEC	31	31						
2541 FURNITURE AND FIXTURES	3		3					
2611 PULP	167,620	5,129	59,035				103,456	
2621 STANDARD NEWSPRINT PAPER	12,964	12,964						
2631 PAPER AND PAPERBOARD	6,704	633	8,071					
2691 PULP AND PAPER PRODUCTS, NEC	3		3					
2810 SODIUM HYDROXIDE	26,365					26,365		
2814 CRUDE TAR, OIL GAS PRODUCTS	21,869					21,869		
2815 ALCOHOLS	18		18					
2817 BENZENE AND TOLUENE	90,845			1,516		87,098	2,231	
2818 SULPHURIC ACID	200,388					109,051	91,297	

MOBILE, AL, DISTRICT

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PASCAGOULA HARBOR, MISS.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS			
2819 BASIC CHEMICALS AND PROD, NEC-----	276,620		123,017		4,535	12,004	139,060	
2821 PLASTIC MATERIALS-----	332		332					
2822 SYNTHETIC RUBBER-----	61,832		25			61,807		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	38		38					
2831 DRUGS-----	8		8					
2841 SOAP-----	24	14	10					
2851 PAINTS-----	1		1					
2861 GUM AND WOOD CHEMICALS-----	58	58						
2871 NITROGENOUS CHEM FERTILIZERS-----	38,761		23,402			1,636	13,723	
2872 POTASSIC CHEM FERTILIZERS-----	67,469					67,469		
2873 PHOSPHATIC CHEM FERTILIZERS-----	4,429					1,491	2,938	
2876 INSECTICIDES, DISINFECTANTS-----	2		2					
2879 FERTILIZER AND MATERIALS, NEC-----	167,834		9,911			4,567	143,307	10,049
2891 MISCELLANEOUS CHEMICAL PROD-----	3,241		1,683			1,558		
2911 GASOLINE-----	3,676,847	28,412	34,639		2,612,276	18,918	982,602	
2912 JET FUEL-----	571,963		60,408		328,928		162,627	
2913 KEROSENE-----	36,769				36,769			
2914 DISTILLATE FUEL OIL-----	1,654,959		115,436		994,614	4,763	521,457	18,689
2915 RESIDUAL FUEL OIL-----	440,539	21,521	43,698		27,642	201,343	146,335	
2916 LUBRICATING OILS AND GREASES-----	18,014				14,014			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	115,887					4,684	111,203	
2918 ASPHALT, TAR, AND PITCHES-----	782,665				49,419	8,383	724,863	
2920 COKE, PETROLEUM COKE-----	1,429,396		1,429,396					
2921 LIQUEFIED GASES-----	277,937			1,542	117,285	46,321	112,789	
2991 PETROLEUM AND COAL PROD, NEC-----	96,456					15,209	81,247	
3011 RUBBER AND MISC PLASTIC PROD-----	152	76	37			39		
3111 LEATHER AND LEATHER PRODUCTS-----	1	1						
3211 GLASS AND GLASS PRODUCTS-----	19		19					
3251 STRUCTURAL CLAY PRODUCTS-----	2,260					1,440	800	
3314 IRON AND STEEL PRIMARY FORMS-----	193						193	
3315 IRON, STEEL SHAPES, EXC SHEET-----	916	916						
3317 IRON AND STEEL PIPE AND TUBE-----	344	58	151			135		
3322 COPPER ALLOYS, UNWORKED-----	4		4					
3411 FABRICATED METAL PRODUCTS-----	969	577	3			250	139	
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,062	387	1,140	400		135		
3611 ELECTRICAL MACH AND EQUIP-----	82	67	15					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	107	5	102					
3731 SHIPS AND BOATS-----	139	6			133			
3791 MISC TRANSPORTATION EQUIPMENT-----	3		3					
3911 MISC MANUFACTURED PRODUCTS-----	1		1					
4011 IRON AND STEEL SCRAP-----	480						480	
4022 TEXTILE WASTE, SCRAP, WHEEP-----	98		98					
4029 WASTE AND SCRAP, NEC-----	20,730						20,730	
4112 COMMODITIES, NEC-----	26	23	3					
TOTAL TON-MILES, 156,161,086.								

BAYOU CABOTTE, MISS. (INCLUDED IN TRAFFIC OF PASCAGOULA HARBOR, MISS.)

SECTION INCLUDED: ENTRANCE (SOUND) CHANNEL AND LOWER 1.2 MILES IN BAYOU. CONTROLLING DEPTH: ENTRANCE AND BAYOU, 38 FEET. PROJECT DEPTH: ENTRANCE AND BAYOU, 38 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	20,944,337	1982-----	17,469,092
1978-----	20,621,503	1983-----	19,492,924
1979-----	20,399,587	1984-----	22,716,917
1980-----	20,970,090	1985-----	18,117,677
1981-----	23,508,224	1986-----	22,100,761

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS			
TOTAL-----	22,100,761	11,834,110	1,936,518	57,566	4,278,967	636,750	3,328,112	28,738
0103 CORN-----	4,123		4,123					
0107 WHEAT-----	22,750		22,750					
0911 MISCELLANEOUS FARM PRODUCTS-----	10	10						
0841 CRUDE RUBBER AND ALLIED GUMS-----	3,700	3,700						
0931 MARINE SHELLS, UNMANUFACTURED-----	22,000					22,000		
1091 NONFERROUS ORES, CONCENT, NEC-----	5,523	5,523						
1311 CRUDE PETROLEUM-----	11,764,307	11,753,583					10,724	
1402 SAND, GRAVEL, CRUSHED ROCK-----	2,765					2,765		
1451 CLAY-----	1,646	1,646						
1471 PHOSPHATE ROCK-----	54,508			54,508				
1493 SULPHUR, LIQUID-----	130,738				89,485		41,253	
1494 GYPSUM, CRUDE AND PLASTERS-----	9,643						9,643	
2030 PREP FRUIT AND VEG JUICE, NEC-----	4,577	4,577						
2049 GRAIN MILL PRODUCTS, NEC-----	3,915		3,915					
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,051	112				3,939		

Waterborne Commerce of the United States, 1986

BAYOU CABOTTE, MISS. (INCLUDED IN TRAFFIC OF
PARCAGOULA HARBOR, MISS.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	QUANTITIES		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2211 BASIC TEXTILE PRODUCTS	14	11	3					
2311 APPAREL	2		2					
2415 PULPMOOD, LOG	1,101	1,101						
2421 LUMBER	64		64					
2431 VENEER, PLYWOOD, WORKED WOOD	751		951					
2491 WOOD MANUFACTURES, NEC	31	31						
2541 FURNITURE AND FIXTURES	1		1					
2611 PULP	56,813	1,324	55,491					
2621 STANDARD NEWSPRINT PAPER	10,737	10,737						
2631 PAPER AND PAPERBOARD	7,210	291	6,929					
2810 SODIUM HYDROXIDE	11,138					11,138		
2811 CRUDE TAR, OILY GAS PRODUCTS	21,869					21,869		
2817 BENZENE AND TOLUENE	90,845			1,516		87,058	2,231	
2818 SULPHURIC ACID	209,348					109,051	91,297	
2819 BASIC CHEMICALS AND PROD, NEC	276,376		123,011		4,535	9,768	139,064	
2823 SYNTHETIC (MAN-MADE) FIBERS	18		18					
2841 SOAP	1		1					
2871 NITROGENOUS CHEM FERTILIZERS	36,739		22,627			1,636	12,276	
2872 POTASSIC CHEM FERTILIZERS	61,287					61,287		
2873 PHOSPHATIC CHEM FERTILIZERS	1,491					1,491		
2876 INSECTICIDES, DISINFECTANTS	1		1					
2879 FERTILIZER AND MATERIALS, NEC	162,276		9,911			4,567	137,751	10,049
2891 MISCELLANEOUS CHEMICAL PROD	1,670		1,670					
2911 GASOLINE	3,676,847	28,412	34,639	2,612,276		18,918	982,602	
2912 JET FUEL	571,963		60,408	328,928			182,627	
2913 KEROSENE	36,769			36,769				
2914 DISTILLATE FUEL OIL	1,654,959		115,436	994,614		4,763	521,457	18,689
2915 RESIDUAL FUEL OIL	440,539	21,521	43,698	27,642		201,343	146,335	
2916 LUBRICATING OILS AND GREASES	18,014			18,014				
2917 NAPHTHA, PETROLEUM SOLVENTS	115,887					4,684	111,203	
2918 ASPHALT, TAR, AND BITUMENS	782,665			49,419		8,383	724,863	
2920 COKE, PETROLEUM COKE	1,429,396		1,429,396					
2921 LIQUEFIED GASES	277,937			1,542	117,285	46,321	112,789	
2991 PETROLEUM AND COAL PROD, NEC	96,456					15,209	81,247	
3111 LEATHER AND LEATHER PRODUCTS	1		1					
3211 GLASS AND GLASS PRODUCTS	19	19						
3315 IRON, STEEL SHAPES, EXC SHEET	841	841						
3317 IRON AND STEEL PIPE AND TUBE	286		151			135		
3411 FABRICATED METAL PRODUCTS	465	213	2			250		
3511 MACHINERY, EXCEPT ELECTRICAL	1,557	387	1,035			135		
3611 ELECTRICAL MACH AND EQUIP	73	67	6					
3711 MOTOR VEHICLES, PARTS, EQUIP	78		78					
3731 SHIPS AND BOATS	6	6						
4029 WASTE AND SCRAP, NEC	20,730						20,730	
4112 COMMODITIES, NEC	8	7	1					
TOTAL TON-MILES	103,430,353							

BILOXI HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOUND, BILOXI BAY, BACK BAY, AND LAND CUT TO GULFPORT LAKE. CONTROLLING DEPTH: EAST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 12.0 FEET; WEST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO BILOXI HARBOR, 10 FEET; OTT BAYOU 12.0 FEET. PROJECT DEPTH: EAST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 12 FEET; WEST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO BILOXI HARBOR, 10 FEET; OTT BAYOU, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,715,624	1982	1,658,973
1978	1,253,900	1983	1,479,598
1979	1,681,505	1984	2,249,406
1980	2,286,404	1985	1,982,091
1981	1,208,663	1986	2,601,224

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	2,601,224	2,492,805	108,419
3911 FRESH FISH, EXCEPT SHELLFISH	19,917	19,917	
3912 SHELLFISH, EXCEPT PREPARED	526	526	
3931 MARINE SHELLS, UNMANUFACTURED	2,000	2,000	
1121 COAL AND LIGNITE	2,334,702	2,334,702	
1311 CRUDE PETROLEUM	306	306	
1442 SAND, GRAVEL, CRUSHED ROCK	1,677	1,677	
2095 ICE	4		4
2911 CRUDE TAR, OILY GAS PRODUCTS	8,464	8,464	
2919 BASIC CHEMICALS AND PROD, NEC	3,561	3,561	
2911 GASOLINE	83,311	83,311	
2912 JET FUEL	4,508	4,508	

MOBILE, AL, DISTRICT

BILOXI HARBOR, MISS.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
2914 DISTILLATE FUEL OIL	10,606	10,606	
2915 RESIDUAL FUEL OIL	2,904	2,904	
2991 PETROLEUM AND COAL PROD, NEC	16,855	16,855	
3291 MISC NONMETALLIC MINERAL PROD	39,768		39,768
3315 IRON, STEEL SHAPES, ENC SHEET	276	276	
3316 IRON AND STEEL PLATES, SHEETS	1,573		1,573
3317 IRON AND STEEL PIPE AND TUBE	23,950		23,950
3511 MACHINERY, EXCEPT ELECTRICAL	300	25	275
4011 IRON AND STEEL SCRAP	43,122	1,300	41,742
6029 WASTE AND SCRAP, NEC	2,092	1,785	1,107
TOTAL TON-MILES	37,495,965		

GULFPORT HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOUND CHANNEL, SHIP ISLAND PASS CHANNEL, AND SMALL CRAFT HARBOR ABOUT 4,300 FEET LONG WEST OF THE ANCHORAGE BASIN, CONTROLLING DEPTH: MISSISSIPPI SOUND, 30 FEET; SHIP ISLAND PASS, 32.0 FEET; SMALL CRAFT HARBOR, 8 FEET. PROJECT DEPTH: MISSISSIPPI SOUND, 30 FEET; SHIP ISLAND PASS, 32 FEET; SMALL CRAFT HARBOR, 8 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,094,796	1982	1,109,012
1978	1,145,079	1983	1,147,970
1979	1,059,947	1984	1,360,941
1980	1,241,808	1985	1,432,639
1981	1,120,192	1986	1,212,982

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	1,212,982	723,031	236,694	216,843	33,614
0101 COTTON, RAW	111		111		
0103 CORN	1,096		1,096		
0104 OATS	4,713		2,163	2,550	
0105 RICE	547		547		
0107 WHEAT	303		303		
0119 OILSEEDS, NEC	5,566		5,566		
0121 TOBACCO, LEAF	26		26		
0129 FIELD CROPS, NEC	173	146	27		
0131 FRESH FRUITS	77		77		
0132 BANANAS AND PLANTAINS	416,666	416,666			
0133 COFFEE	7,000	6,884	116		
0141 FRESH AND FROZEN VEGETABLES	5,037	4,987	50		
0161 ANIMALS AND PRODUCTS, NEC	297	235	22		
0191 MISCELLANEOUS FARM PRODUCTS	23	20	3		
0841 CRUDE RUBBER AND ALLIED GUMS	140	140			
0861 FOREST PRODUCTS, NEC	88	22	66		
0911 FRESH FISH, EXCEPT SHELLFISH	60		60		
1051 ALUMINUM ORES, CONCENTRATES	1,025	410	615		
1091 NONFERROUS ORES, CONCENT, NEC	150,980	150,980			
1402 SAND, GRAVEL, CRUSHED ROCK	39,933		101	39,832	
1451 CLAY	260	15	245		
1471 PHOSPHATE ROCK	3		3		
1490 GYPSUM, CRUDE AND PLASTERS	20		20		
1499 NONMETALLIC MINERALS, NEC	930		930		
1911 ORNANCE AND ACCESSORIES	132	132			
2011 MEAT, FRESH, CHILLED, FROZEN	10,521	3,684	14,635		
2012 MEAT AND PRODUCTS, NEC	175	147	28		
2014 TALLOW, ANIMAL FATS AND OILS	5		5		
2015 ANIMAL BY-PRODUCTS, NEC	1,072	60	1,012		
2021 DAIRY PRODUCTS, NEC	620		620		
2022 DRIED MILK AND CREAM	2,267		2,267		
2031 FISH AND SHELLFISH, PREPARED	6		6		
2034 VEGETABLES AND PREP, NEC	1,180	92	1,088		
2039 PREP FRUIT AND VEG JUICE, NEC	30,795	29,490	1,305		
2041 WHEAT FLOUR AND SEMOLINA	71		71		
2042 ANIMAL FEEDS	22,845	14,359	4,749	3,717	
2049 GRAIN MILL PRODUCTS, NEC	16,807	259	9,459	7,089	
2081 ALCOHOLIC BEVERAGES	4,370	4,242	128		
2091 VEGETABLE OILS, HARG, SHORT	1,912	630	1,082		
2092 ANIMAL OILS AND FATS, NEC	53	53			
2095 ICE	45		45		
2099 MISCELLANEOUS FOOD PRODUCTS	4,295	3,306	987		
2211 BASIC TEXTILE PRODUCTS	734	437	299		
2212 TEXTILE FIBERS, NEC	16		16		
2311 APPAREL	43	10	33		
2414 TIMBER, POSTS, POLES, PILING	2,560		2,560		
2421 LUMBER	24,143	22,603	1,540		
2431 VENEER, PLYWOOD, WORKED WOOD	2,709	103	2,606		

Waterborne Commerce of the United States, 1986

GULFPORT HARBOR, MISS.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
2491 WOOD MANUFACTURES, NEC	447	413	34		
2511 FURNITURE AND FIXTURES	618	558	60		
2611 PULP	5,113	3,828	1,285		
2631 PAPER AND PAPERBOARD	123,820	458	123,362		
2691 PULP AND PAPER PRODUCTS, NEC	6,313	5	6,308		
2711 PRINTED MATTER	1,012	142	870		
2811 CRUDE TAR, OIL, GAS PRODUCTS	712	712			
2812 DYES, PIGMENT, TANNING MATS	5		5		
2813 ALCOHOLS	190	22	168		
2817 BENZENE AND TOLUENE	1		1		
2819 BASIC CHEMICALS AND PROD, NEC	52,551	8,782	17,140		26,629
2821 PLASTIC MATERIALS	4,403	915	3,488		
2822 SYNTHETIC RUBBER	7,024	2,574	4,450		
2831 DRUGS	111	37	74		
2841 SOAP	1,302	1,183	119		
2851 PAINTS	1,387	1,130	257		
2861 GUM AND WOOD CHEMICALS	584	88	496		
2871 NITROGENOUS CHEM FERTILIZERS	9,531	108	4,984	2,896	1,543
2873 PHOSPHATIC CHEM FERTILIZERS	1,031		1,031		
2876 INSECTICIDES, DISINFECTANTS	4,840	877	3,963		
2879 FERTILIZER AND MATERIALS, NEC	412		412		
2891 MISCELLANEOUS CHEMICAL PROD	3,607	981	2,626		
2911 GASOLINE	37,178			37,178	
2912 JET FUEL	8,804			8,804	
2914 DISTILLATE FUEL OIL	56,349			56,349	
2915 RESIDUAL FUEL OIL	2,439			2,439	
2916 LUBRICATING OILS AND GREASES	685	116	569		
2951 ASPHALT BUILDING MATERIALS	12		12		
2991 PETROLEUM AND COAL PROD, NEC	2,354	2,347	7		
3011 RUBBER AND MISC PLASTIC PROD	3,532	2,835	697		
3111 LEATHER AND LEATHER PRODUCTS	340	169	171		
3211 GLASS AND GLASS PRODUCTS	943	784	159		
3241 BUILDING CEMENT	55,991		2	55,989	
3251 STRUCTURAL CLAY PRODUCTS	369	321	48		
3271 LIME	93		93		
3281 CUT STONE AND STONE PRODUCTS	83	83			
3291 MISC NONMETALLIC MINERAL PROD	952	950	2		
3315 IRON, STEEL SHAPES, EXC SHEET	2,728	2,493	235		
3316 IRON AND STEEL PLATES, SHEETS	253		253		
3317 IRON AND STEEL PIPE AND TUBE	21,812	21,356	456		
3319 IRON AND STEEL PRODUCTS, NEC	654	298	356		
3321 NONFERROUS METALS, NEC	311	236	75		
3322 COPPER ALLOYS, UNWORKED	70	63	7		
3324 ALUMINUM AND ALLOYS, UNWORKED	414	143	271		
3411 FABRICATED METAL PRODUCTS	5,380	991	3,389		1,000
3511 MACHINERY, EXCEPT ELECTRICAL	7,228	5,536	1,692		
3611 ELECTRICAL MACH AND EQUIP	947	299	648		
3711 MOTOR VEHICLES, PARTS, EQUIP	1,307	821	486		
3721 AIRCRAFT AND PARTS	8		8		
3731 SHIPS AND BOATS	27	24	3		
3791 MISC TRANSPORTATION EQUIPMENT	52		52		
3811 INSTR, TIME, PHOTO, OPT GOODS	74	25	49		
3911 MISC MANUFACTURED PRODUCTS	153	92	61		
4011 IRON AND STEEL SCRAP	4,442				4,442
4012 NONFERROUS METAL SCRAP	485		485		
4022 TEXTILE WASTE, SCRAP, SHEEP	113		113		
4112 COMMODITIES, NEC	988	486	502		
9999 DEPARTMENT OF DEFENSE AND SCI	4		4		
TOTAL TON-MILES,	22,498,044.				

MOBILE, AL, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
APALACHICOLA BAY, FLA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	503		
	8118 WATERWAY IMPROVEMENT MAT-----	48,000		
	TOTAL-----	48,503	176,000	
BAYOU BERNARD, MISS. (INCLUDED IN TRAFFIC OF BILOXI HARBOR, MISS.)-----	2811 CRUDE TAR, OIL, GAS PRODUCTS-----	8,464		
	2912 JET FUEL-----	4,508		
	3315 IRON, STEEL SHAPES, EXC SHEETS-----	276		
	3316 IRON AND STEEL PLATES, SHEETS-----	1,573		
	3317 IRON AND STEEL PIPE AND TUBE-----	23,950		
	4011 IRON AND STEEL SCRAP-----	43,122		
	4029 WASTE AND SCRAP, NEC-----	2,892		
	TOTAL-----	84,785	320,145	
BAYOU CHICO, FLA. (INCLUDED IN TRAFFIC OF PENSACOLA HARBOR, FLA.)-----	1411 LIMESTONE-----	16,026		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	46,241		
	2911 GASOLINE-----	71,791		
	2914 DISTILLATE FUEL OIL-----	27,420		
	2991 PETROLEUM AND COAL PROD, NEC-----	6,742		
	3316 IRON AND STEEL PLATES, SHEETS-----	2,463		
	3319 IRON AND STEEL PRODUCTS, NEC-----	11,493		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	47		
	4011 IRON AND STEEL SCRAP-----	56,262		
	TOTAL-----	238,485	300,752	
BAYOU CODEN, ALA.,-----	NO COMMERCE REPORTED			
BAYOU GALERE, MISS.,-----	NO COMMERCE REPORTED			
BAYOU LA BATRE, ALA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	181		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,248		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	1		
	2034 VEGETABLES AND PREP, NEC-----	40		
	2091 VEGETABLE OILS, MARG, SHORT-----	21		
	2211 BASIC TEXTILE PRODUCTS-----	1		
	2421 LUMBER-----	14		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	165		
	2491 WOOD MANUFACTURES, NEC-----	11,740		
	2819 BASIC CHEMICALS AND PROD, NEC-----	5		
	2841 SOAP-----	6		
	2851 PAINTS-----	1		
	2891 MISCELLANEOUS CHEMICAL PROD-----	6		
	2914 DISTILLATE FUEL OIL-----	3,098		
	3011 RUBBER AND MISC PLASTIC PROD-----	2		
	3316 IRON AND STEEL PLATES, SHEETS-----	8		
	3317 IRON AND STEEL PIPE AND TUBE-----	2		
	3321 NONFERROUS METALS, NEC-----	3		
	3411 FABRICATED METAL PRODUCTS-----	3		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	2		
	3611 ELECTRICAL MACH AND EQUIP-----	7		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	5		
	3731 SHIPS AND BOATS-----	1,406		
	3791 MISC TRANSPORTATION EQUIPMENT-----	1		
	TOTAL-----	17,966	44,907	
BLACKWATER RIVER, FLA.,-----	0107 WHEAT-----	1,265		
	0111 SOYBEANS-----	2,528		
	2871 NITROGENOUS CHEM FERTILIZERS-----	12,606		
	2879 FERTILIZER AND MATERIALS, NEC-----	1,502		
	2911 GASOLINE-----	19,280		
	2914 DISTILLATE FUEL OIL-----	7,550		
	TOTAL-----	44,811	525,121	
BON SECOUR RIVER, ALA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	92		
	0912 SHELLFISH, EXCEPT PREPARED-----	959		
	2095 ICE-----	6,040		
	TOTAL-----	7,091	21,273	
CADET BAYOU, MISS.,-----	NO COMMERCE REPORTED			
CARRABELLE, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	525		
	0912 SHELLFISH, EXCEPT PREPARED-----	469		
	2095 ICE-----	1,802		
	TOTAL-----	2,736	24,624	
CHOCTAWHATCHEE RIVER, FLA. AND ALA.,-----	NO COMMERCE REPORTED			
DAUPHIN ISLAND BAY, ALA.,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	25,000	50,000	
DOG AND FOWL RIVERS, ALA.,-----	NO COMMERCE REPORTED			
EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,500		
	0912 SHELLFISH, EXCEPT PREPARED-----	325		
	2095 ICE-----	5,000		
	TOTAL-----	6,825	6,825	250,000
EAST PEARL RIVER, MISS.,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	2,000		
	1091 NONFERROUS ORES, CONCENT, NEC-----	4,655		

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
EAST PEARL RIVER, MISS. (CONTINUED)-----	1121 COAL AND LIGNITE-----	111,592		
	1911 ORDNANCE AND ACCESSORIES-----	1,348		
	2049 GRAIN MILL PRODUCTS, NEC-----	1,650		
	2091 VEGETABLE OILS, MARG, SHORT-----	23,930		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	2,600		
	2211 BASIC TEXTILE PRODUCTS-----	12,474		
	2421 LUMBER-----	25		
	2819 BASIC CHEMICALS AND PROD, NEC-----	45,122		
	2821 PLASTIC MATERIALS-----	1		
	2871 NITROGENOUS CHEM FERTILIZERS-----	5,951		
	2891 MISCELLANEOUS CHEMICAL PROD-----	3,809		
	2914 DISTILLATE FUEL OIL-----	10		
	2920 COKE, PETROLEUM COKE-----	17,496		
	3011 RUBBER AND MISC PLASTIC PROD-----	410		
	3411 FABRICATED METAL PRODUCTS-----	4		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	51		
	3611 ELECTRICAL MACH AND EQUIP-----	958		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		
	3721 AIRCRAFT AND PARTS-----	1		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	5		
	4011 IRON AND STEEL SCRAP-----	1,500		
	4112 COMMODITIES, NEC-----	27		
	4118 WATERWAY IMPROVEMENT MAT-----	2,000		
	9999 DEPARTMENT OF DEFENSE AND SCI-----	11		
	TOTAL-----	237,712	690,990	
FLY CREEK (FAIRHOPE), ALA.-----	NO COMMERCE REPORTED			
GRAND LAGOON, PANAMA CITY, FLA.-----	NO COMMERCE REPORTED			
LA GRANGE BAYOU, FLA.-----	0103 CORN-----	52,919		
	0104 OATS-----	2,700		
	0107 WHEAT-----	13,360		
	0111 SOYBEANS-----	6,274		
	2911 GASOLINE-----	17,004		
	2914 DISTILLATE FUEL OIL-----	64,912		
	TOTAL-----	157,169	628,676	
PANACEA, FLA.-----	NO COMMERCE REPORTED			
PASCAGOULA RIVER, MISS.-----	0931 MARINE SHELLS, UNMANUFACTURED-----	2,000	6,000	
PASS CHRISTIAN HARBOR, MISS.-----	NO COMMERCE REPORTED			
PERDIDO PASS CHANNEL, ALA.-----	2095 ICE-----	32		10,784
PORT ST. JOE HARBOR, FLA.-----	2631 PAPER AND PAPERBOARD-----	2,228		
	2810 SODIUM HYDROXIDE-----	3,775		
	2915 RESIDUAL FUEL OIL-----	29,308		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	42		
	TOTAL-----	35,433	35,433	
UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO MARIANNA-----	NO COMMERCE REPORTED			
WOLF AND JORDAN RIVERS, MISS.-----	0931 MARINE SHELLS, UNMANUFACTURED-----	11,000	33,000	

NEW ORLEANS, LA, DISTRICT

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INNERHARBOR NAVIGATION CANAL, LA,* (INCLUDED IN TRAFFIC OF PORT OF NEW ORLEANS)

SECTION INCLUDED: FROM MISSISSIPPI RIVER TO LAKE PONCHARTRAIN, 5.5 MILES. CONTROLLING DEPTH (MEAN LOW GULF): LOCK TO MILE 2.1, 28 FEET; TO SEABROOK BRIDGE, 34 FEET; TO SEABROOK LIGHT, 15 FEET. PROJECT DEPTH: 32 FEET TO MILE 2.1, NONE BEYOND.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	10,733,569	1982	6,772,166
1978	9,058,720	1983	6,436,255
1979	9,104,940	1984	8,080,327
1980	7,076,800	1985	7,055,069
1981	7,578,912	1986	8,058,984

* DOES NOT INCLUDE 19,541,423 TONS OF COMMERCE, REPORTED AS GULF INTRACOASTAL WATERWAY TRAFFIC WHICH UTILIZED THE LOCK AND A PORTION OF THE INNERHARBOR NAVIGATION CANAL IN MOVING BETWEEN THE MISSISSIPPI RIVER AND GULF INTRACOASTAL WATERWAY.

FREIGHT TRAFFIC, 1986

OCEANGOING (SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				NORTHBOUND	SOUTHBOUND			NORTHBOUND	SOUTHBOUND
TOTAL	3,781,543	1,127,679	1,475,173	39,941	363,136	148,486	618,815	6,671	1,442
0101 COTTON, RAW	10,335		10,306				29		
0102 BARLEY AND RYE	975		975						
0103 CORN	3,904		3,790				114		
0104 OATS	608		560				48		
0105 RICE	61,809	185	23,600				38,024		
0106 SORGHUM GRAINS	808		665				143		
0107 WHEAT	3,410		3,202				208		
0111 SOYBEANS	5,953		100	5,853					
0119 OILSEEDS, NEC	9,530	1,070	6,589				20	1,851	
0121 TOBACCO, LEAF	1,000	531	437				32		
0122 HAY AND FODDER	20						20		
0129 FIELD CROPS, NEC	1,476	842	528			1	105		
0131 FRESH FRUITS	4,834	548	2,215			29	2,042		
0132 BANANAS AND PLANTAINS	54,341	54,301	40						
0133 COFFEE	134,287	104,529	26,839		68	2,851			
0134 COCOA BEANS	987	931	56						
0141 FRESH AND FROZEN VEGETABLES	14,685	3,673	5,188		20		5,604		
0151 LIVE ANIMALS	43		21				22		
0161 ANIMALS AND PRODUCTS, NEC	4,746	289	4,104				273		
0191 MISCELLANEOUS FARM PRODUCTS	1,298	570	656				72		
0841 CRUDE RUBBER AND ALLIED GUMS	3,040	2,907	53		40		40		
0861 FOREST PRODUCTS, NEC	3,884	342	3,073			221	248		
0911 FRESH FISH, EXCEPT SHELLFISH	963	439	100		19		405		
0912 SHELLFISH, EXCEPT PREPARED	716	278	421				17		
1011 IRON ORE AND CONCENTRATES	25,155				25,155				
1051 ALUMINUM ORES, CONCENTRATES	15,318	235	6,937		8,146				
1061 MANGANESE ORES, CONCENTRATES	533		533						
1091 NONFERROUS ORES, CONCENT, NEC	53,905	42,186	1,101	5,704	4,850		64		
1121 COAL AND LIGNITE	50,338		50,316				22		
1311 CRUDE PETROLEUM	1						1		
1411 LIMESTONE	424						424		
1412 BUILDING STONE, UNWORKED	23						23		
1442 SAND, GRAVEL, CRUSHED ROCK	25,047	24,145	900				22		
1451 CLAY	174,239	2,797	9,561		160,834		1,047		
1492 SULPHUR, DRY	1,637		1,589				47		
1494 GYPSUM, CRUDE AND PLASTERS	203,033	201,651	1,382				1		
1499 NONMETALLIC MINERALS, NEC	58,317	2,439	54,011			23	1,844		
1911 ORDNANCE AND ACCESSORIES	162	137					25		
2011 MEAT, FRESH, CHILLED, FROZEN	104,332	19,993	37,089				47,250		
2012 MEAT AND PRODUCTS, NEC	7,775	3,084	286		68		4,335		
2014 TALLOW, ANIMAL FATS AND OILS	2,649		2,539				110		
2015 ANIMAL BY-PRODUCTS, NEC	2,036	96	1,327			611			
2021 DAIRY PRODUCTS, NEC	2,788	1,853	311				624		
2022 DRIED MILK AND CREAM	40,548	20	26,246				14,282		
2031 FISH AND SHELLFISH, PREPARED	10,467	1,012	216			17,023	216		
2034 VEGETABLES AND PREP, NEC	24,120	4,508	9,963		96		9,378		
2039 PREP FRUIT AND VEG JUICE, NEC	23,579	8,470	4,597		61	1,345	9,106		
2041 WHEAT FLOUR AND SEMOLINA	4,304		1,650				2,652		
2042 ANIMAL FEEDS	20,688	598	4,522	14,551		767	250		
2049 GRAIN MILL PRODUCTS, NEC	55,957	1,882	38,039			67	15,969		
2061 SUGAR	42,432	22,931	3,221		6,455		10,225		
2062 MOLASSES	221		221						
2081 ALCOHOLIC BEVERAGES	70,516	38,263	6,922		889	3,396	21,046		
2091 VEGETABLE OILS, MARG, SHORT	30,967	6,318	22,321			47	2,236		
2092 ANIMAL OILS AND FATS, NEC	2	2							
2094 GROCERIES	40						40		
2095 ICE	2,320	2,320							
2099 MISCELLANEOUS FOOD PRODUCTS	36,727	6,186	18,048			3,541	8,952		
2111 TOBACCO MANUFACTURES	117	1	72				44		
2211 BASIC TEXTILE PRODUCTS	10,630	4,279	5,700			1	614		
2212 TEXTILE FIBER, NEC	3,795	3,227	342				226		
2311 APPAREL	8,050	1,551	1,652			922	3,925		
2411 LOGS	752		752						
2413 FUEL WOOD, CHARCOAL, WASTES	435	24	367				44		
2414 TIMBER, POSTS, POLES, PILING	2,644		2,644						
2415 PULPWOOD, LOG	23						23		
2416 WOOD CHIPS, STAVES, HOLDINGS	1,248	1,248							
2421 LUMBER	67,184	4,282	60,484				2,418		

Waterborne Commerce of the United States, 1986

INNERHARBOR NAVIGATION CANAL, LA. (INCLUDED IN TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				NORTHBOUND	SOUTHBOUND			NORTHBOUND	SOUTHBOUND
2431 VENEER, PLYWOOD, WORKED WOOD	22,757	2,705	5,967		40		14,037		
2491 WOOD MANUFACTURES, NEC	11,206	7,163	1,986		8	214	1,865		
2511 FURNITURE AND FIXTURES	7,252	5,689	487			7	955		
2611 PULP	70,201		70,110				91		
2621 STANDARD NEWSPRINT PAPER	10,535	506	7,018				3,011		
2631 PAPER AND PAPERBOARD	203,056	13,037	169,799			64	20,156		
2691 PULP AND PAPER PRODUCTS, NEC	10,964	618	7,485			17	2,832		
2711 PRINTED MATTER	3,003	476	2,039				488		
2810 SODIUM HYDROXIDE	33						33		
2811 CRUDE TAR, OIL, GAS PRODUCTS	2,333	2,161	172						
2812 DYES, PIGMENT, TANNING MATS	94		92				2		
2813 ALCOHOLS	4,470	234	1,606				1,166	1,664	
2816 RADIOACTIVE MATERIALS, WASTES	1,881	1,439	442						
2817 BENZENE AND TOLUENE	561		389				172		
2819 BASIC CHEMICALS AND PROD, NEC	98,837	9,698	83,372			167	5,563		
2821 PLASTIC MATERIALS	131,666	6,539	105,104			231	19,749		
2822 SYNTHETIC RUBBER	39,601	10,700	28,799				152		
2823 SYNTHETIC (MAN-MADE) FIBERS	1,459	65	1,386				8		
2831 DRUGS	6,546	618	3,230				550		
2841 SOAP	11,458	3,232	1,348			21	2,889		
2851 PAINTS	9,619	3,382	5,365				872		
2861 GUM AND WOOD CHEMICALS	1,971	59	1,897				15		
2871 NITROGENOUS CHEM FERTILIZERS	12,348	11,433	219					696	
2872 POTASSIC CHEM FERTILIZERS	126		34				92		
2876 INSECTICIDES, DISINFECTANTS	17,450	4,054	12,010		2	61	1,323		
2879 FERTILIZER AND MATERIALS, NEC	1,787	21	1,647				119		
2891 MISCELLANEOUS CHEMICAL PROD	17,844	1,139	15,590			67	918		
2911 GASOLINE	229		229						
2913 KEROSENE	27		27						
2914 DISTILLATE FUEL OIL	112						112		
2916 LUBRICATING OILS AND GREASES	53,941	440	46,644			4	6,853		
2917 NAPHTHA, PETROLEUM SOLVENTS	1,008		217				791		
2918 ASPHALT, TAR, AND BITUMENS	803		700				103		
2920 COKE, PETROLEUM COKE	19,789		16,863	2,880			46		
2921 LIQUEFIED GASES	3,043		341				82	2,660	
2951 ASPHALT BUILDING MATERIALS	913		755				158		
2991 PETROLEUM AND COAL PROD, NEC	4,325	355	900				2,556		
3011 RUBBER AND MISC PLASTIC PROD	82,388	22,931	57,193			391	892		
3111 LEATHER AND LEATHER PRODUCTS	2,929	1,264	609			77	338		
3211 GLASS AND GLASS PRODUCTS	10,876	6,954	2,600			14	372		
3241 BUILDING CEMENT	288,782	229,790	203			50,570	8,219		
3251 STRUCTURAL CLAY PRODUCTS	8,605	6,524	1,850				231		
3281 CUT STONE AND STONE PRODUCTS	8,872	8,813	39				20		
3291 MISC NONMETALLIC MINERAL PROD	12,440	6,686	4,809				94		
3311 PIG IRON	6,381	5,727	654				659		
3314 IRON AND STEEL PRIMARY FORMS	5,971		3,971						
3315 IRON, STEEL SHAPES, EXC SHEET	25,452	13,540	2,617			8,316	939		
3316 IRON AND STEEL PLATES, SHEETS	4,886		4,428				58		
3317 IRON AND STEEL PIPE AND TUBE	19,398	7,179	2,266			9,820	133		
3318 FERROALLOYS	121,493	43,624		10,951		64,910	2,008		
3319 IRON AND STEEL PRODUCTS, NEC	3,884	2,600	984			219	81		
3321 NONFERROUS METALS, NEC	2,536	1,094	1,346				96		
3322 COPPER ALLOYS, UNWORKED	9,156	7,729	995				254		
3323 LEAD AND ZINC, UNWORKED	2,439	2	30			2,407			
3324 ALUMINUM AND ALLOYS, UNWORKED	23,858	16,435	1,274			4,152	897		
3411 FABRICATED METAL PRODUCTS	29,854	17,818	8,491			666	2,779		
3511 MACHINERY, EXCEPT ELECTRICAL	80,751	35,806	39,429			973	1,252		1,442
3611 ELECTRICAL MACH AND EQUIP	26,064	13,694	8,749			1,204	898		
3711 MOTOR VEHICLES, PARTS, EQUIP	17,729	7,868	8,870			356	345		
3721 AIRCRAFT AND PARTS	71	24	87						
3731 SHIPS AND BOATS	2,478	102	2,369			6	1		
3791 MISC TRANSPORTATION EQUIPMENT	1,757	148	1,436				173		
3811 INSTR, TIME, PHOTO, OPT GOODS	3,077	436	1,294				374		
3911 MISC MANUFACTURED PRODUCTS	4,242	3,029	642			24	474		
4011 IRON AND STEEL SCRAP	216,003	103	215,900						
4012 NONFERROUS METAL SCRAP	14,818	3,523				11,078	217		
4022 TEXTILE WASTE, SCRAP, SWEEP	1,912		1,915				57		
4024 PAPER WASTE AND SCRAP	8,290		7,887				403		
4112 COMMODITIES, NEC	47,214	1,856	19,748			43	92,810	312,757	
9999 DEPARTMENT OF DEFENSE AND SCI	884		884						

TON-MILES, OCEANGOING, 7,492,136.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	RECEIPTS	SHIPMENTS	LOCAL	THROUGH	
					NORTHBOUND	SOUTHBOUND
TOTAL	4,277,441	781,829	311,402	1,050	536,430	2,644,750
0103 CORN	1,502				1,502	
0106 BORSUM GRAINS	2,799					2,799
0107 WHEAT	1,291					1,291
0111 SOYBEANS	26,711				6,021	20,690
0931 MARINE SHELLS, UNMANUFACTURED	1,356,596	365,600	45,196			945,800
1011 IRON ORE AND CONCENTRATES	35,433					35,433
1061 MANGANESE ORES, CONCENTRATES	37,383					37,383

NEW ORLEANS, LA, DISTRICT

INNERHARBOR NAVIGATION CANAL, LA., INCLUDED IN TRAFFIC OF PORT OF NEW ORLEANS--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	RECEIPTS	SHIPMENTS	LOCAL	THROUGH	
					NORTHBOUND	SOUTHBOUND
1091 NONFERROUS ORES, CONCENT, NEC	119,598					119,598
1121 COAL AND LIGNITE	58,659	12,035			24,955	21,669
1311 CRUDE PETROLEUM	371,302				152,922	218,380
1411 LIMESTONE	32,345	30,783			1,562	
1442 SAND, GRAVEL, CRUSHED ROCK	79,413	4,902	3,292		71,219	
1451 CLAY	187,749	9,693	173,543		2,296	2,217
1471 PHOSPHATE ROCK	1,643					1,643
1499 NONMETALLIC MINERALS, NEC	244,273	44,360	66,584	1,050	75,362	56,917
2042 ANIMAL FEEDS	10,939					10,939
2049 GRAIN MILL PRODUCTS, NEC	3,007				3,007	
2061 SUGAR	70,228					70,228
2091 VEGETABLE OILS, MARG, SHORT	7,005					7,005
2421 LUMBER	1,400	1,400				
2431 VENEER, PLYWOOD, WORKED WOOD	558				558	
2631 PAPER AND PAPERBOARD	2,167		2,167			
2819 BASIC CHEMICALS AND PROD, NEC	64,955		1,280		441	63,234
2871 NITROGENOUS CHEM FERTILIZERS	70,296				4,747	65,549
2872 POTASSIC CHEM FERTILIZERS	17,981					17,981
2873 PHOSPHATIC CHEM FERTILIZERS	17,616					17,616
2879 FERTILIZER AND MATERIALS, NEC	192,178				2,820	189,358
2911 GASOLINE	161,851				97,500	64,351
2913 KEROSENE	1,148					1,148
2914 DISTILLATE FUEL OIL	1,155				1,155	
2915 RESIDUAL FUEL OIL	72,028	64,263			7,765	
2920 COKE, PETROLEUM COKE	42,725				42,725	
2921 LIQUEFIED GASES	13,316					13,316
3011 RUBBER AND MISC PLASTIC PROD	50				50	
3241 BUILDING CEMENT	76,887	75,253			1,634	
3271 LIME	31,082	28,034			3,048	
3291 MISC NONMETALLIC MINERAL PROD	78,410	78,073			337	
3311 PIG IRON	46,045					46,045
3312 SLAG	6,233				4,534	1,699
3314 IRON AND STEEL PRIMARY FORMS	26,186	3,985	4,400		2,649	15,152
3315 IRON, STEEL SHAPES, EXC SHEET	11,872	991	1,211			9,670
3316 IRON AND STEEL PLATES, SHEETS	20,808				17,400	3,408
3317 IRON AND STEEL PIPE AND TUBE	9,434	5,862	2,272		300	1,000
3318 FERROALLOYS	388,061				1,600	386,461
3319 IRON AND STEEL PRODUCTS, NEC	5,614	1,236				4,378
3321 NONFERROUS METALS, NEC	12,154					12,154
3323 LEAD AND ZINC, UNWORKED	33,530					33,530
3324 ALUMINUM AND ALLOYS, UNWORKED	10,032					10,032
3411 FABRICATED METAL PRODUCTS	13,287		500			12,787
3511 MACHINERY, EXCEPT ELECTRICAL	17,040	13,538	2,057			1,445
3911 MISC MANUFACTURED PRODUCTS	74				74	
4011 IRON AND STEEL SCRAP	56,240	41,821	6,600		1,500	6,319
4111 WATER	747				747	
4112 COMMODITIES, NEC	1,105		1,100			5
4118 WATERWAY IMPROVEMENT MAT	125,300		1,200		8,000	116,100
TON-MILES, INTERNAL,	14,215,853.					
TONS, ALL TRAFFIC,	8,050,984.					
TON-MILES, ALL TRAFFIC,	21,707,989.					

MISSISSIPPI RIVER-GULF OUTLET, LA.

SECTION INCLUDED: FROM NEW ORLEANS TO THE GULF OF MEXICO VIA LAND CUT 36 FEET BY 500 FEET TO THE 38-FOOT CONTOUR IN THE GULF OF MEXICO, 75.4 MILES. CONTROLLING DEPTH (MEAN LOW GULF): MILE 66 TO MILE 0, 37 FEET; TO MILE -9.38, 37 FEET. PROJECT DEPTH: 36 FEET AND 38 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	8,780,667	1982	5,571,840
1978	9,411,077	1983	3,485,000
1979	8,227,225	1984	8,034,531
1980	5,541,464	1985	6,916,446
1981	5,794,760	1986	8,144,555

FREIGHT TRAFFIC, 1986

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				U'BOUND	DOWNBOUND
TOTAL	5,253,920	1,477,113	158,018	1,484,556	2,134,233
0101 COTTON, RAW	10,308				10,308
0102 BARLEY AND RYE	975				975
0103 CORN	14,970				14,970
0104 OATS	560				560
0105 RICE	26,589			185	26,404
0106 SOYBEAN GRAINS	637				637
0107 WHEAT	9,373				9,373

MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				UPBOUND	DOWNBOUND
0111 SOYBEANS	40,935				40,935
0119 DELBEEDS, NEC	7,659			1,070	6,589
0121 TOBACCO, LEAF	968			531	437
0129 PEELD CROPS, NEC	1,370			842	528
0131 FRESH FRUITS	2,763			548	2,215
0132 BANANAS AND PLANTAINS	54,341			54,301	40
0133 COFFEE	131,436			104,597	26,839
0134 COCOA BEANS	987			931	56
0141 FRESH AND FROZEN VEGETABLES	8,861			3,693	5,168
0154 LIVE ANIMALS	21				21
0161 ANIMALS AND PRODUCTS, NEC	4,473			289	4,184
0191 MISCELLANEOUS FARM PRODUCTS	1,226			570	656
0841 CRUDE RUBBER AND ALLIED GUMS	3,000			2,947	53
0861 FOREST PRODUCTS, NEC	3,415			342	3,073
0911 FRESH FISH, EXCEPT SHELLFISH	558			458	100
0912 SHELLFISH, EXCEPT PREPARED	699			278	421
1011 IRON ORE AND CONCENTRATES	35,891			25,155	10,736
1021 COPPER ORE AND CONCENTRATES	4,516		4,516		
1051 ALUMINUM ORES, CONCENTRATES	59,907	18,916		8,381	32,610
1061 MANGANESE ORES, CONCENTRATES	19,500	18,967			533
1091 NONFERROUS ORES, CONCENT, NEC	93,247	45,110		47,036	1,101
1121 COAL AND LIGNITE	58,316				58,316
1411 LIMESTONE	24,416	1,648			22,768
1442 SAND, GRAVEL, CRUSHED ROCK	161,967	64,639		24,145	73,183
1451 CLAY	242,998	67,710	2,096	163,631	9,561
1492 SULPHUR, DRY	1,589				1,589
1494 BY-PROD, CRUDE AND PLASTERS	226,008			201,651	24,357
1499 NONMETALLIC MINERALS, NEC	400,079	344,429		2,439	54,011
1911 DRONAGE AND ACCESSORIES	137				137
2011 MEAT, FRESH, CHILLED, FROZEN	57,070			19,993	37,077
2012 MEAT AND PRODUCTS, NEC	3,423			3,154	269
2014 TALLOW, ANIMAL FATS AND OILS	2,539				2,539
2015 ANIMAL BY-PRODUCTS, NEC	1,425			98	1,327
2021 DAIRY PRODUCTS, NEC	2,164			1,853	311
2022 DRIED MILK AND CREAM	26,266			20	26,246
2031 FISH AND SHELLFISH, PREPARED	1,228			1,012	216
2034 VEGETABLES AND PREP, NEC	14,556			4,593	9,963
2039 PREP FRUIT AND VEG JUICE, NEC	13,128			8,531	4,597
2041 WHEAT FLOUR AND SEMOLINA	1,650				1,650
2082 ANIMAL FEEDS	31,177		10,823	598	19,756
2089 BRAIN HILL PRODUCTS, NEC	39,834			1,949	37,885
2061 SUGAR	29,022			25,801	3,221
2062 MOLASSES	221				221
2081 ALCOHOLIC BEVERAGES	45,827			38,924	6,903
2091 VEGETABLE OILS, MARG, SHORT	28,678			6,365	22,313
2092 ANIMAL OILS AND FATS, NEC	2				2
2095 ICE	2,320			2,320	
2099 MISCELLANEOUS FOOD PRODUCTS	24,205			6,186	18,019
2111 TOBACCO MANUFACTURES	73				73
2211 BASIC TEXTILE PRODUCTS	9,971			4,271	5,700
2212 TEXTILE FIBERS, NEC	3,569			3,227	342
2311 APPAREL	3,180			1,534	1,646
2411 LBS	752				752
2413 FUEL WOOD, CHARCOAL, WASTES	391			24	367
2414 TIMBER, POSTS, POLES, PILING	2,644				2,644
2416 WOOD CHIPS, STAVES, HOLDINGS	1,248			1,248	
2421 LUMBER	64,768			4,282	60,486
2431 VENEER, PLYWOOD, WORKED WOOD	8,720			2,753	5,967
2491 WOOD MANUFACTURES, NEC	9,127			7,171	1,956
2511 FURNITURE AND FIXTURES	6,287			5,800	487
2611 PULP	70,110				70,110
2621 STANDARD NEWSPRINT PAPER	7,524			506	7,018
2631 PAPER AND PAPERBOARD	182,884			13,101	169,783
2691 PULP AND PAPER PRODUCTS, NEC	8,119			635	7,484
2711 PRINTED MATTER	2,514			276	2,038
2811 CRUDE TAR, OIL, GAS PRODUCTS	2,333			416	1,722
2812 DYES, PIGMENT, TANNING MATS	92				92
2813 ALCOHOLS	1,840			234	1,606
2816 RADIOACTIVE MATERIALS, WASTES	1,881			1,439	442
2817 BENZENE AND TOLUENE	389				389
2819 BASIC CHEMICALS AND PROD, NEC	150,877	58,147		9,824	82,906
2821 PLASTIC MATERIALS	111,418			6,727	104,691
2822 SYNTHETIC RUBBER	39,426			10,700	28,726
2823 SYNTHETIC (MAN-MADE) FIBERS	1,451			65	1,386
2831 DRUGS	3,832			618	3,214
2841 SOAP	4,546			3,253	1,293
2851 PAINTS	8,687			3,382	5,305
2861 GUM AND WOOD CHEMICALS	1,956			59	1,897
2871 NITROGENOUS CHEM FERTILIZERS	111,230	93,785	5,793	11,433	219
2872 POTASSIC CHEM FERTILIZERS	66,861	62,534	4,293		36
2876 INSECTICIDES, DISINFECTANTS	16,071			4,115	11,956
2879 FERTILIZER AND MATERIALS, NEC	1,668			21	1,647
2891 MISCELLANEOUS CHEMICAL PROD	21,197	4,417		1,206	15,574
2911 GASOLINE	229				229
2913 KEROSENE	27				27
2916 LUBRICATING OILS AND GREASES	46,981			444	46,537
2917 NAPHTHA, PETROLEUM SOLVENTS	217				217
2918 ASPHALT, TAR, AND PITCHES	700				700
2920 COKE, PETROLEUM COKE	117,905	44,086	52,516		21,303
2921 LIQUEFIED GASES	341				341
2931 ASPHALT BUILDING MATERIALS	755				755
2991 PETROLEUM AND COAL PROD, NEC	1,254			355	899
3011 RUBBER AND MISC PLASTIC PROD	80,323			23,136	57,187
3111 LEATHER AND LEATHER PRODUCTS	1,938			1,329	609

MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				UPBOUND	DOWNBOUND
3211 GLASS AND GLASS PRODUCTS	9,568			6,968	2,600
3221 BUILDING CEMENT	696,399			280,360	416,039
3231 STRUCTURAL CLAY PRODUCTS	8,631	385		6,485	1,761
3241 CUT STONE AND STONE PRODUCTS	8,734			8,695	1,39
3291 MISC NONMETALLIC MINERAL PROD	11,551			6,742	4,809
3311 PIG IRON	87,493	81,112		5,727	654
3314 IRON AND STEEL PRIMARY FORMS	4,578	607			3,971
3315 IRON, STEEL SHAPES, EXC SHEET	24,512			21,896	2,616
3316 IRON AND STEEL PLATES, SHEETS	4,325				4,325
3317 IRON AND STEEL PIPE AND TUBE	19,455	190		16,999	2,266
3318 FERROALLOYS	651,419	493,346	51,482	106,591	
3319 IRON AND STEEL PRODUCTS, NEC	3,746			2,819	927
3321 NONFERROUS METALS, NEC	2,440			1,094	1,346
3322 COPPER ALLOYS, UNWORKED	9,735	833		7,907	995
3323 LEAD AND ZINC, UNWORKED	9,044	6,606		2,409	29
3324 ALUMINUM AND ALLOYS, UNWORKED	41,512	18,962	713	20,566	1,271
3411 FABRICATED METAL PRODUCTS	27,474	686		18,444	8,344
3511 MACHINERY, EXCEPT ELECTRICAL	75,764			36,560	39,204
3611 ELECTRICAL MACH AND EQUIP	23,512			14,796	8,716
3711 MOTOR VEHICLES, PARTS, EQUIP	17,080			8,042	9,038
3721 AIRCRAFT AND PARTS	71			24	47
3731 SHIPS AND BOATS	2,477			108	2,369
3791 MISC TRANSPORTATION EQUIPMENT	1,584			148	1,436
3811 INSTR, TIME, PHOTO, OPT GOODS	1,730			436	1,294
3911 MISC MANUFACTURED PRODUCTS	3,693			3,051	642
4011 IRON AND STEEL SCRAP	226,196			103	226,093
4012 NONFERROUS METAL SCRAP	90,385	49,998	25,786	14,601	
4022 TEXTILE WASTE, SCRAP, SHEEP	1,915				1,915
4024 PAPER WASTE AND SCRAP	7,887				7,887
4112 COMMODITIES, NEC	21,594			1,899	19,695
9999 DEPARTMENT OF DEFENSE AND SCI	884				884
TON-MILES, FOREIGN, 385,737,996.					

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		INBOUND	OUTBOUND	THROUGH	
		UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	2,890,635	140,267	618,815	298,886	1,472,082	280,411	80,214
0101 COTTON, RAW	29		29				
0103 CORN	1,616		114	1,502			
0104 OATS	48		48				
0105 RICE	38,024		38,024				
0106 SORGHUM GRAINS	143		143				
0107 WHEAT	208		208				
0111 SOYBEANS	6,021			6,021			
0119 OILSEEDS, NEC	20		20				
0121 TOBACCO, LEAF	32		32				
0122 HAY AND FODDER	20		20				
0129 FIELD CROPS, NEC	106	1	105				
0131 FRESH FRUITS	2,071	29	2,042				
0133 COFFEE	2,851	2,851					
0141 FRESH AND FROZEN VEGETABLES	5,804		5,804				
0151 LIVE ANIMALS	22		22				
0161 ANIMALS AND PRODUCTS, NEC	273		273				
0191 MISCELLANEOUS FARM PRODUCTS	72		72				
0881 CRUDE RUBBER AND ALLIED GUMS	40		40				
0881 FOREST PRODUCTS, NEC	469	221	408				
0911 FRESH FISH, EXCEPT SHELLFISH	405		405				
0912 SHELLFISH, EXCEPT PREPARED	17		17				
0931 MARINE SHELLS, UNMANUFACTURED	32,700			3,000			29,700
1011 IRON ORE AND CONCENTRATES	55,354				55,354		
1051 ALUMINUM ORES, CONCENTRATES	7,000				7,000		
1061 MANGANESE ORES, CONCENTRATES	44,262				44,262		
1091 NONFERROUS ORES, CONCENT, NEC	163,801		64		163,737		
1121 COAL AND LIGNITE	30,015		22	28,324	21,669		
1311 CRUDE PETROLEUM	201,576		1			194,481	7,094
1411 LIMESTONE	624		624				
1412 BUILDING STONE, UNWORKED	23		23				
1442 SAND, GRAVEL, CRUSHED ROCK	71,241		22	71,219			
1451 CLAY	13,388		1,047	1,408	2,117	1,200	7,616
1471 PHOSPHATE ROCK	1,643				1,643		
1492 SULPHUR, DRY	48	1	47				
1499 NONMETALLIC MINERALS, NEC	97,301	23	1,844	35,538	56,667	550	2,679
1911 DRUGS AND ACCESSORIES	25		25				
2011 MEAT, FRESH, CHILLED, FROZEN	47,250		47,250				
2012 MEAT AND PRODUCTS, NEC	4,335		4,335				
2014 TALLOW, ANIMAL FATS AND OILS	110		110				
2015 ANIMAL BY-PRODUCTS, NEC	611	611					
2021 DAIRY PRODUCTS, NEC	624		624				
2022 DRIED MILK AND CREAM	14,282		14,282				
2031 FISH AND SHELLFISH, PREPARED	17,239	17,023	216				
2034 VEGETABLES AND PREP, NEC	9,553	175	9,378				
2039 PREP FRUIT AND VEG JUICE, NEC	10,451	1,345	9,106				
2041 WHEAT FLOUR AND SEMOLINA	2,652		2,652				
2042 ANIMAL FEEDS	5,455	767	250		4,438		
2049 GRAIN MILL PRODUCTS, NEC	18,976		15,969	3,007			

MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		INBOUND	OUTBOUND	THROUGH	
		UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2061 SUGAR-----	60,453		10,225		70,228		
2001 ALCOHOLIC BEVERAGES-----	24,442	3,396	21,046				
2091 VEGETABLE OILS, MARG, SHORT-----	2,281	45	2,236				
2099 GROCERIES-----	40		40				
2099 MISCELLANEOUS FOOD PRODUCTS-----	12,493	3,541	8,952				
2111 TOBACCO MANUFACTURES-----	44		44				
2211 BASIC TEXTILE PRODUCTS-----	650	36	614				
2212 TEXTILE FIBERS, NEC-----	226		226				
2311 APPAREL-----	4,847	922	3,925				
2413 FUEL WOOD, CHARCOAL, WASTES-----	44		44				
2415 PULPWOOD, LOG-----	23		23				
2421 LUMBER-----	2,418		2,418				
2431 VENEER, PLYWOOD, WORKED WOOD-----	14,037		14,037				
2491 WOOD MANUFACTURES, NEC-----	2,079	214	1,865				
2511 FURNITURE AND FIXTURES-----	962	7	955				
2611 PULP-----	91		91				
2621 STANDARD NEWSPRINT PAPER-----	3,011		3,011				
2631 PAPER AND PAPERBOARD-----	22,172		20,156	2,016			
2691 PULP AND PAPER PRODUCTS, NEC-----	2,844	12	2,832				
2711 PRINTED MATTER-----	488		488				
2810 SODIUM HYDROXIDE-----	33		33				
2812 DYES, PIGMENT, TANNING MATS-----	2		2				
2813 ALCOHOLS-----	1,166		1,166				
2817 BENZENE AND TOLUENE-----	172		172				
2819 BASIC CHEMICALS AND PROD, NEC-----	66,861	17	5,583		60,420		441
2821 PLASTIC MATERIALS-----	19,792	43	19,749				
2822 SYNTHETIC RUBBER-----	152		152				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	8		8				
2831 DRUGS-----	2,498	2,148	550				
2841 SOAP-----	6,861	3,972	2,889				
2851 PAINTS-----	872		872				
2861 GUM AND WOOD CHEMICALS-----	15		15				
2871 NITROGENOUS CHEM FERTILIZERS-----	72,979			4,747	68,232		
2872 POTASSIC CHEM FERTILIZERS-----	22,433		92		22,341		
2873 PHOSPHATIC CHEM FERTILIZERS-----	17,616				17,616		
2876 INSECTICIDES, DISINFECTANTS-----	1,323		1,323				
2879 FERTILIZER AND MATERIALS, NEC-----	244,823		119		244,704		
2891 MISCELLANEOUS CHEMICAL PROD-----	1,048	130	918				
2911 GASOLINE-----	68,026				68,026		
2913 KEROSENE-----	1,148				1,148		
2914 DISTILLATE FUEL OIL-----	2,125		112				2,013
2915 RESIDUAL FUEL OIL-----	7,765			7,765			
2916 LUBRICATING OILS AND GREASES-----	6,853		6,853				
2917 ASPHALT, PETROLEUM SOLVENTS-----	791		791				
2918 ASPHALT, TAR, AND BITUMENS-----	103		103				
2920 COKE, PETROLEUM COKE-----	45,549		46	44,125	1,378		
2921 LAMPEPIED GASES-----	44,242		42			14,997	29,203
2931 ASPHALT BUILDING MATERIALS-----	158		158				
2991 PETROLEUM AND COAL PROD, NEC-----	3,070	514	2,556				
3011 RUBBER AND MISC PLASTIC PROD-----	1,873	981	892				
3111 LEATHER AND LEATHER PRODUCTS-----	974	338	636				
3211 GLASS AND GLASS PRODUCTS-----	1,308	372	936				
3241 BUILDING CEMENT-----	1,907			1,557	17		333
3251 STRUCTURAL CLAY PRODUCTS-----			231				
3271 LIME-----	3,048			3,048			
3291 MISC NONMETALLIC MINERAL PROD-----	851	192	659				
3311 PIG IRON-----	57,410				57,410		
3312 SLAG-----	7,833			6,134			1,699
3314 IRON AND STEEL PRIMARY FORMS-----	39,378				39,378		
3315 IRON, STEEL SHAPES, EXC SHEET-----	13,457		939		12,518		
3316 IRON AND STEEL PLATES, SHEETS-----	16,001		58	11,135	4,808		
3317 IRON AND STEEL PIPE AND TUBE-----	10,870		133		10,437		300
3318 FERROALLOYS-----	424,567	2,008		7,400	415,159		
3319 IRON AND STEEL PRODUCTS, NEC-----	8,659		81		8,578		
3321 NONFERROUS METALS, NEC-----	12,250		96		12,154		
3322 COPPER ALLOYS, UNWORKED-----	254		254				
3323 LEAD AND ZINC, UNWORKED-----	33,530				33,530		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	12,029	1,100	897		10,032		
3411 FABRICATED METAL PRODUCTS-----	16,266	100	2,779		13,387		
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,564	1,849	1,252		1,445	4	14
3611 ELECTRICAL MACH AND EQUIP-----	2,417	1,519	898				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	635	290	345				
3731 SHIPS AND BOATS-----	1		1				
3791 MISC TRANSPORTATION EQUIPMENT-----	173		173				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,347	374	973				
3911 MISC MANUFACTURED PRODUCTS-----	621	73	474				74
4011 IRON AND STEEL SCRAP-----	12,624			2,900	9,724		
4012 NONFERROUS METAL SCRAP-----	217	217					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	57		57				
4024 PAPER WASTE AND SCRAP-----	403		403				
4111 WATER-----	747						747
4112 COMMODITIES, NEC-----	405,572	92,810	312,757			5	
4118 WATERWAY IMPROVEMENT MAT-----	58,000			58,000			

TON-MILES, DOMESTIC, 82,900,792.

TONS, ALL TRAFFIC, 8,146,355.

TON-MILES, ALL TRAFFIC, 466,638,786.

NEW ORLEANS, LA, DISTRICT

WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO

SECTION INCLUDED: FROM EMPIRE, LA., TO GULF OF MEXICO, 10 MILES. CONTROLLING DEPTH (MEAN LOW GULF): THRU DOULLUT CANAL, 8 FEET; DOULLUT CANAL TO JETTIES, 7 FEET; BAR CHANNEL, 14 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	212,462	1982	751,264
1978	312,410	1983	759,967
1979	742,187	1984	493,232
1980	417,337	1985	714,887
1981	703,567	1986	929,239

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	THROUGH DOWNBOUND
TOTAL	929,239	82,045	531,585	79,812	235,797
0111 SOYBEANS	387	387			
0911 FRESH FISH, EXCEPT SHELLFISH	4,139	4,139			
0912 SHELLFISH, EXCEPT PREPARED	36,455	36,455			
1311 CRUDE PETROLEUM	604,234	40,996	512,325	47,849	3,064
1402 SAND, GRAVEL, CRUSHED ROCK	23				23
1451 CLAY	17,235			1,188	16,047
1899 NONMETALLIC MINERALS, NEC	2,573			175	2,398
2002 ANIMAL FEEDS	19,260		19,260		
2095 ICE	3,173				3,173
2099 MISCELLANEOUS FOOD PRODUCTS	960				960
2814 TIMBER, POSTS, POLES, PILING	103				103
2891 WOOD MANUFACTURES, NEC	182				182
2819 BASIC CHEMICALS AND PROD, NEC	681				681
2914 DISTILLATE FUEL OIL	36,002	48		1,649	34,305
2917 NAPHTHA, PETROLEUM SOLVENTS	7				7
3201 BUILDING CEMENT	6,570	20		36	6,514
3317 IRON AND STEEL PIPE AND TUBE	1,445			558	887
3411 FABRICATED METAL PRODUCTS	11			3	8
3511 MACHINERY, EXCEPT ELECTRICAL	6,033			2,097	3,936
3911 MISC MANUFACTURED PRODUCTS	177,465			26,047	151,418
4111 WATER	11,488			115	11,373
4112 COMMODITIES, NEC	788			95	693
4119 EMPTY CONTAINERS	25				25
TOTAL TON-MILES	3,795,260.				

BARATARIA BAY WATERWAY, LA.

SECTION INCLUDED: FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO WITH SIDE CHANNEL TO GRAND ISLE, 40.2 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 14 FEET; TO GULF INTRACOASTAL WATERWAY, 11 FEET. PROJECT DEPTH: BAR CHANNEL, 15 FEET; TO GULF INTRACOASTAL WATERWAY, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,806,402	1982	1,160,092
1978	1,515,067	1983	1,013,508
1979	1,896,961	1984	1,463,213
1980	2,029,840	1985	1,596,246
1981	1,887,257	1986	1,307,500

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL	1,307,500	609,708	538,041	154,245	5,506
0911 FRESH FISH, EXCEPT SHELLFISH	1,991	1,592		399	
0912 SHELLFISH, EXCEPT PREPARED	13,437	10,749		2,688	
0931 MARINE SHELLS, UNMANUFACTURED	7,900	4,900			3,000
1311 CRUDE PETROLEUM	235,374	4,531	80,438	150,405	
1402 SAND, GRAVEL, CRUSHED ROCK	267	147		13	107
1451 CLAY	7,829	7,299	350		180
1892 SULPHUR, DRY	19		19		
1893 SULPHUR, LIQUID	448,802		448,802		
2099 MISCELLANEOUS FOOD PRODUCTS	28,700	20,700			
2814 TIMBER, POSTS, POLES, PILING	103	103			
2891 PULP AND PAPER PRODUCTS, NEC	11	11			
2813 ALCOHOLS	119	119			
2819 BASIC CHEMICALS AND PROD, NEC	699	349		25	125
2914 DISTILLATE FUEL OIL	61,760	59,608	1,429		723
2915 RESIDUAL FUEL OIL	34,289	34,289			
3011 RUBBER AND MISC PLASTIC PROD	4		4		

Waterborne Commerce of the United States, 1986

BARATARIA BAY WATERWAY, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	THROUGH	
				NORTHBOUND	SOUTHBOUND
3241 BUILDING CEMENT	1,507	757	51	141	586
3348 IRON AND STEEL PRIMARY FORMS	8		8		
3317 IRON AND STEEL PIPE AND TUBE	1,339	658	202	85	394
3414 FABRICATED METAL PRODUCTS	1,211	526	390	158	140
3643 MACHINERY, EXCEPT ELECTRICAL	156	13	81	64	
3613 ELECTRICAL MACH AND EQUIP	52		31	21	
3913 MISC MANUFACTURED PRODUCTS	9,888	4,237	5,585	14	52
4111 WATER	448,020	448,020			
4112 COMMODITIES, NEC	1,052	507	312	130	103
4118 WATERWAY IMPROVEMENT MAT	2,000	2,000			
4119 EMPTY CONTAINERS	961	393	339	105	124
TOTAL TON-MILES	11,844,220				

BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.

SECTION INCLUDED: THIBODAUX, LA., TO GULF OF MEXICO, 79 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 15 FEET; JETTY CHANNEL, 15 FEET; TO LEEVILLE, 9 FEET; TO GOLDEN MEADOW, 6 FEET; TO LAROSE, 6 FEET; TO LOCKPORT, 6 FEET; TO THIBODAUX, 5 FEET. PROJECT DEPTH: 6 FEET THIBODAUX TO LOCKPORT; 9 FEET TO LAROSE; 6 FEET TO GOLDEN MEADOW; 9 FEET TO LEEVILLE; 12 FEET TO GULF; 12 FEET IN GRAND BAYOU BLUE CHANNEL FROM GULF INTRACOASTAL WATERWAY TO LEEVILLE; 12 FEET LEEVILLE TO GRAND ISLE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,631,582	1982	766,660
1978	1,402,493	1983	663,500
1979	1,221,345	1984	1,000,607
1980	1,062,668	1985	1,244,006
1981	892,603	1986	826,235

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	INTERNAL		THROUGH		NORTHBOUND	SOUTHBOUND
				INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND		
TOTAL	826,235	16,873	536	290,520	421,062	44,110	200	50,052	2,882
0911 FRESH FISH, EXCEPT SHELLFISH	1,546			1,546					
0912 SHELLFISH, EXCEPT PREPARED	25,458			25,458					
0931 MARINE SHELLS, UNMANUFACTURED	44,910			44,910					
1311 CRUDE PETROLEUM	312,884			4,692	258,376			49,816	
1411 LIMESTONE	15,000	15,000							
1442 SAND, GRAVEL, CRUSHED ROCK	1,576			1,500	76				
1451 CLAY	43,653			35,120	8,533				
1499 NONMETALLIC MINERALS, NEC	18,182			16,472	1,420	90	200		
2094 GROCCERIES	3,385				3,385				
2095 ICE	665				665				
2099 MISCELLANEOUS FOOD PRODUCTS	46,757					83,993			2,762
2511 FURNITURE AND FIXTURES	1		1						
2819 BASIC CHEMICALS AND PROD, NEC	1,779			477	1,302				
2851 PAINTS	1		1						
2914 DISTILLATE FUEL OIL	140,557			131,899	8,422				236
2916 LUBRICATING OILS AND GREASES	8		8						
3241 BUILDING CEMENT	4,411			609	3,655		27		
3317 IRON AND STEEL PIPE AND TUBE	10,961		41	1,724	9,196				
3411 FABRICATED METAL PRODUCTS	5,632	1,873	27	517	3,215				
3511 MACHINERY, EXCEPT ELECTRICAL	35,744		133	3,003	32,608				
3611 ELECTRICAL MACH AND EQUIP	2		2						
3711 MOTOR VEHICLES, PARTS, EQUIP	26		26						
3731 SHIPS AND BOATS	493		293	200					
3791 MISC TRANSPORTATION EQUIPMENT	2		2						
3913 MISC MANUFACTURED PRODUCTS	72,285			18,370	53,915				
4111 WATER	36,756			1,278	35,478				
4112 COMMODITIES, NEC	2,361			1,545	816				
4118 WATERWAY IMPROVEMENT MAT	1,200			1,200					
TOTAL TON-MILES	15,147,760								

BAYOU LITTLE CAILLOU, LA.

SECTION INCLUDED: FROM BAYOU TERREBONNE TO ROBINSON CANAL, 20.6 MILES. CONTROLLING DEPTH (MEAN LOW GULF): MILE 0 TO MILE 6, 5 FEET; TO CHAUVIN BRIDGE, 5 FEET; TO ROBINSON CANAL, 5 FEET. PROJECT DEPTH: 5 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,057,002	1982	535,650
1978	801,637	1983	641,571
1979	649,085	1984	546,614
1980	423,120	1985	778,478
1981	288,062	1986	944,657

NEW ORLEANS, LA, DISTRICT

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BAYOU LITTLE CAILLOU, LA.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	946,657	21,504	923,153
0911 FRESH FISH, EXCEPT SHELLFISH	74	74	
0912 SHELLFISH, EXCEPT PREPARED	3,752	3,752	
1311 CRUDE PETROLEUM	802,348		802,348
1451 CLAY	91		91
2095 ICE	6,273		6,273
2099 MISCELLANEOUS FOOD PRODUCTS	113,390		113,390
2914 DISTILLATE FUEL OIL	17,625	17,625	
3241 BUILDING CEMENT	53	53	
4111 WATER	1,051		1,051
TOTAL TON-MILES	4,266,743.		

HOUMA NAVIGATION CANAL, LA.

SECTION INCLUDED: 36.6 MILES FROM INTERSECTION OF GULF INTRACOASTAL WATERWAY AT HOUMA TO GULF OF MEXICO. CONTROLLING DEPTH: (MEAN LOW GULF): CAT ISLAND PASS, 14 FEET; TO MILE 34, 15 FEET. TO GULF INTRACOASTAL WATERWAY, 17 FEET. PROJECT DEPTH: CAT ISLAND PASS, 18 FEET; TO GULF INTRACOASTAL WATERWAY, 15 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,503,233	1982	1,215,283
1978	1,779,873	1983	1,210,832
1979	1,557,825	1984	1,363,823
1980	1,163,735	1985	1,465,032
1981	988,663	1986	1,452,942

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL	1,452,945	63,111	78,748	1,064,107	246,979
0911 FRESH FISH, EXCEPT SHELLFISH	566	206		360	
0912 SHELLFISH, EXCEPT PREPARED	28,759	10,420		18,339	
0931 MARINE SHELLS, UNMANUFACTURED	360				360
1311 CRUDE PETROLEUM	977,723			977,110	613
1451 CLAY	29,154		1,934	8,999	18,221
1499 NONMETALLIC MINERALS, NEC	147,665	50,512	66,070	7,369	23,714
2042 ANIMAL FEEDS	24,590			24,590	
2092 ANIMAL OILS AND FATS, NEC	1,689			1,689	
2099 MISCELLANEOUS FOOD PRODUCTS	45,728				45,728
2414 TIMBER, POSTS, POLES, PILING	100				100
2421 LUMBER	670				670
2813 ALCOHOLS	23				23
2819 BASIC CHEMICALS AND PROD, NEC	717		167	150	400
2914 DISTILLATE FUEL OIL	169,268	782	682	23,196	144,608
3241 BUILDING CEMENT	3,061			1,534	1,527
3317 IRON AND STEEL PIPE AND TUBE	10,022		8,316	561	1,145
3511 MACHINERY, EXCEPT ELECTRICAL	1,080	454	8	14	604
3911 MISC MANUFACTURED PRODUCTS	8,885	61	27	191	8,686
4111 WATER	2,615	526	1,434		655
4112 COMMODITIES, NEC	270	150	110	5	5
TOTAL TON-MILES	29,996,238.				

WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA.
(BAYOUS LE CARPE AND GRAND CAILLOU)

SECTION INCLUDED: FROM GULF INTRACOASTAL WATERWAY AT HOUMA, LA., THROUGH BAYOUS LE CARPE, PELTON, AND GRAND CAILLOU TO BAYOU DULAC, ABOUT 16.3 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAYOU LE CARPE, 10 FEET; BAYOU PELTON, 6 FEET AND GRAND CAILLOU, 8 FEET. PROJECT DEPTH: BAYOU LE CARPE, 10 FEET; BAYOUS PELTON AND GRAND CAILLOU, 5 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	563,695	1982	561,899
1978	625,248	1983	536,351
1979	674,331	1984	472,768
1980	688,208	1985	365,763
1981	686,679	1986	374,192

Waterborne Commerce of the United States, 1986

WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA.
(BAYOUS LE CARPE AND GRAND CAILLOU)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH SOUTHBOUND
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	
TOTAL	374,192	125,105	240,093	3,805	2,410	2,779
0911 FRESH FISH, EXCEPT SHELLFISH	206	206				
0912 SHELLFISH, EXCEPT PREPARED	14,587	14,587				
1311 CRUDE PETROLEUM	30,795		30,182			613
1402 SAND, GRAVEL, CRUSHED ROCK	32		32			
1451 CLAY	32,075	19,415	8,956	1,502	2,200	
1499 NONMETALLIC MINERALS, NEC	35,228	25,349	7,369	2,260	200	
2042 ANIMAL FEEDS	24,590		24,590			
2092 ANIMAL OILS AND FATS, NEC	1,689		1,689			
2095 ICE	8,800		8,800			
2421 LUMBER	170					170
2813 ALCOHOLS	23					23
2819 BASIC CHEMICALS AND PROD, NEC	555	400	155			
2914 DISTILLATE FUEL OIL	86,989	62,991	23,424	19		555
3241 BUILDING CEMENT	4,357	325	3,907			125
3317 IRON AND STEEL PIPE AND TUBE	751	7	581			163
3511 MACHINERY, EXCEPT ELECTRICAL	17	5	12			
3913 MISG MANUFACTURED PRODUCTS	131,236	1,504	129,044	23	10	575
4111 WATER	1,993	100	1,337	1		555
4112 COMMODITIES, NEC	19	6	13			
TOTAL TON-MILES,	3,612,421.					

ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO

SECTION INCLUDED: FROM MORGAN CITY, LA., TO THE 20-FOOT CONTOUR IN THE GULF OF MEXICO, CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 17 FEET; BAY CHANNEL, 20 FEET. PROJECT DEPTH: 20 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,715,862	1982	2,294,692
1978	3,601,216	1983	3,083,094
1979	3,122,965	1984	3,365,132
1980	2,826,294	1985	9,929,548
1981	2,488,896	1986	5,685,856

FREIGHT TRAFFIC, 1986

FOREIGN
(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				NORTHBOUND	SOUTHBOUND
TOTAL	39,834	6,431	11,423	147	21,833
0103 CORN	14				14
0105 RICE	1,658				1,658
1011 LIMESTONE	4,999	4,999			
1494 BY-PROD, CRUDE AND PLASTERS	184				184
2022 DRIED MILK AND CREAM	5,522				5,522
2041 WHEAT FLOUR AND SEMOLINA	274				274
2049 BRAIN MILL PRODUCTS, NEC	3,291				3,291
2081 ALCOHOLIC BEVERAGES	22	22			
2091 VEGETABLE OILS, MARG, SHORT	705				705
2099 MISCELLANEOUS FOOD PRODUCTS	17,163		10,572		6,591
2111 TOBACCO MANUFACTURES	1				1
2211 BASIC TEXTILE PRODUCTS	2	1			1
2311 APPAREL	8	8			
2711 PRINTED MATTER	13	13			
2819 BASIC CHEMICALS AND PROD, NEC	173	134			39
2841 SOAP	1				1
2851 PAINTS	28				28
2891 MISCELLANEOUS CHEMICAL PROD	5				5
2910 LUBRICATING OILS AND GREASES	12				12
3011 RUBBER AND MISG PLASTIC PROD	13	3			10
3111 LEATHER AND LEATHER PRODUCTS	30	30			
3201 CUT STONE AND STONE PRODUCTS	2	2			
3301 MISG NONMETALLIC MINERAL PROD	41	35	6		
3317 IRON AND STEEL PIPE AND TUBE	262	154			108
3321 NONFERROUS METALS, NEC	12			7	5
3411 FABRICATED METAL PRODUCTS	433			147	286
3511 MACHINERY, EXCEPT ELECTRICAL	804	18	3		787
3611 ELECTRICAL MACH AND EQUIP	70	6	1		63
3711 MOTOR VEHICLES, PARTS, EQUIP	894	691			162
3721 SHIPS AND BOATS	2,849	1	814		2,034
3791 MISG TRANSPORTATION EQUIPMENT	4				4
3811 INSTR, TIME, PHOTO, OPT GOODS	39		18		21
4011 IRON AND STEEL SCRAP	11				11
4112 COMMODITIES, NEC	335	318			17
TON-MILES, FOREIGN,	1,451,876.				

NEW ORLEANS, LA, DISTRICT

ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	SOUTHBOUND	THROUGH		
					NORTHBOUND	SOUTHBOUND	
TOTAL	5,566,022	13,363	230,430		25	2,561,005	2,761,110
0911 FRESH FISH, EXCEPT SHELLFISH	796		796				
0912 SHELLFISH, EXCEPT PREPARED	4,471		4,471				
0931 MARINE SHELLS, UNMANUFACTURED	1,975,902		6,900			1,957,552	6,550
1311 CRUDE PETROLEUM	641,338			226,312		415,026	
1442 SAND, GRAVEL, CRUSHED ROCK	120					120	
1451 CLAY	19,686		404	190		3,499	15,593
1499 NONMETALLIC MINERALS, NEC	18,250					1,309	16,941
2034 VEGETABLES AND PREP, NEC	1						1
2094 GROCERIES	876						876
2810 BASIC CHEMICALS AND PROD, NEC	437,532					34,150	403,382
2914 DISTILLATE FUEL OIL	467,484		549	48		7,570	459,317
2991 PETROLEUM AND COAL PROD, NEC	1,008						1,008
3241 BUILDING CEMENT	435,618		231			340	435,047
3291 MISC NONMETALLIC MINERAL PROD	200						200
3317 IRON AND STEEL PIPE AND TUBE	472,900			225		34,857	437,618
3411 FABRICATED METAL PRODUCTS	16,321					15,843	478
3511 MACHINERY, EXCEPT ELECTRICAL	37,757			262		20,652	16,843
3911 MISC MANUFACTURED PRODUCTS	511,292		10	102		47,668	463,508
4029 WASTE AND SCRAP, NEC	14						14
4111 WATER	499,556			398		7,221	491,916
4112 COMMODITIES, NEC	12,295		2	2		2,462	9,829
4118 WATERWAY IMPROVEMENT MAT	12,600					12,600	
4119 EMPTY CONTAINERS	5						3
TON-MILES, DOMESTIC	197,277,080.						
TONS, ALL TRAFFIC	5,605,856.						
TON-MILES, ALL TRAFFIC	198,728,958.						

ATCHAFALAYA RIVER, LA.

SECTION INCLUDED: OLD RIVER LOCK AT MISSISSIPPI RIVER THROUGH OLD RIVER TO THREE RIVERS THEN VIA ATCHAFALAYA RIVER TO MORGAN CITY, LA., 121 MILES. CONTROLLING DEPTH (MEAN LOW GULF): 9 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	5,981,429	1982	3,844,571
1978	6,560,407	1983	5,271,667
1979	4,124,018	1984	5,042,798
1980	4,327,349	1985	6,850,873
1981	4,883,903	1986	7,263,399

FREIGHT TRAFFIC, 1986

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH	
					NORTHBOUND	SOUTHBOUND	
TOTAL	7,263,399	2,653,820	1,900,982	29,528	6,898	577,664	2,494,537
0103 CORN	265,402		223,811			41,891	
0104 OATS	1,648					1,648	
0106 BORGHUM GRAINS	109,856		20,235			89,621	
0107 WHEAT	16,847		4,374			12,473	
0111 SOYBEANS	165,990		58,315			109,011	1,664
0911 FRESH FISH, EXCEPT SHELLFISH	1,029		59			970	
0912 SHELLFISH, EXCEPT PREPARED	602		90			512	
0931 MARINE SHELLS, UNMANUFACTURED	23,859	12,450				11,400	
1311 CRUDE PETROLEUM	2,838,520	1,785,299	213,459	28,242	1,102	10,418	
1411 LIMESTONE	16,726	10,726					6,000
1442 SAND, GRAVEL, CRUSHED ROCK	193,226	10,477					182,749
1451 CLAY	51,597	35,812	14,547	710	528		
1499 NONMETALLIC MINERALS, NEC	52,515	37,973	13,142				1,400
2034 VEGETABLES AND PREP, NEC	1		1				
2042 ANIMAL FEEDS	1,344						1,344
2049 BRAIN MILL PRODUCTS, NEC	6,003						6,003
2094 GROCERIES	6		6				
2810 SODIUM HYDROXIDE	34,528					13,189	21,339
2817 BENZENE AND TOLUENE	7,481	4,285				3,156	
2819 BASIC CHEMICALS AND PROD, NEC	58,630	14,576	10,445		33	33,676	
2871 NITROGENOUS CHEM FERTILIZERS	36,800	18,190					18,610
2879 FERTILIZER AND MATERIALS, NEC	4,276	1,400	1,383			1,493	
2911 GASOLINE	695,690	46,685	385,987			45,818	217,400
2912 JET FUEL	3,780	3,780					
2913 KEROSENE	9,881		9,881				
2914 DISTILLATE FUEL OIL	395,949	167,923	203,174		3,793	21,059	
2915 RESIDUAL FUEL OIL	668,070	380,137	261,634			2,287	24,692
2916 LUBRICATING OILS AND GREASES	129,669		2,984			126,369	1,396
2917 NAPHTHA, PETROLEUM SOLVENTS	136,042	111,895	9,516			15,481	
2918 ASPHALT, TAR, AND PITCHES	32,761					26,816	5,945

Waterborne Commerce of the United States, 1986

ATCHAFALAYA RIVER, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	THROUGH SOUTHBOUND
2021 LEBUEFIED BABES	19,240		19,240				
3241 BUILDING CEMENT	3,294	372	2,864	50			
3312 SLAB	1,408					1,408	
3316 IRON AND STEEL PLATES, SHEETS	1,941	1,941					
3317 IRON AND STEEL PIPE AND TUBE	4,059	1,572	2,486	1			
3411 FABRICATED METAL PRODUCTS	623						
3511 MACHINERY, EXCEPT ELECTRICAL	3,929	1,199	2,712				18
3711 MOTOR VEHICLES, PARTS, EQUIP	4						4
3911 MISC MANUFACTURED PRODUCTS	506	209	295		2		
4029 WASTE AND SCRAP, NEC	1,570	12					1,558
4111 WATER	50,200	7,948	42,631	521			
4112 COMMODITIES, NEC	132	74	58				
4118 WATERWAY IMPROVEMENT MAT	2,017,628					12,600	2,005,028
4119 EMPTY CONTAINERS	7	2	3		2		
TOTAL TON-MILES	317,567,729						

GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE

SECTION INCLUDED: 64.1 MILES; MORGAN CITY, LA., TO PORT ALLEN, LA., VIA THE EAST ATCHAFALAYA BASIN PROTECTION LEVEE BORROW PIT, BAYOU BORRELI LOCK, LOWER GRAND RIVER AND BAYOU PLAQUEMINE TO INDIAN VILLAGE, THENCE VIA BAYOU GROSSE TETE AND LAND CUT TO THE MISSISSIPPI RIVER THROUGH LOCK IN LEVEE AT PORT ALLEN OPPOSITE BATON ROUGE, LA. CONTROLLING DEPTH (MEAN LOW WATER): 8 FEET, PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	18,456,491	1982	17,833,864
1978	18,066,503	1983	19,253,008
1979	20,254,735	1984	21,324,578
1980	19,066,976	1985	23,150,132
1981	16,983,914	1986	25,180,797

NOTE: ABOVE COMMERCE, UNLESS IT ALSO TRANSITED THE GULF INTRACOASTAL WATERWAY EAST OR WEST OF MORGAN CITY, LA., IS NOT INCLUDED IN THE CONSOLIDATED REPORT FOR THE GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	NORTHBOUND	NORTHBOUND	THROUGH SOUTHBOUND
TOTAL	25,180,797	6,654	517,199	954,209	67,491	16,521,831	7,113,413
0103 CORN	33,215					33,215	
0104 OATS	58,124						58,124
0105 RICE	89,135					24,831	64,304
0106 SOYBEAN GRAINS	16,994					16,994	
0107 WHEAT	26,718					23,429	3,289
0111 SOYBEANS	69,312					66,169	3,123
0911 FRESH FISH, EXCEPT SHELLFISH	461				420	41	
0912 SHELLFISH, EXCEPT PREPARED	955				951	4	
0931 MARINE SHELLS, UNMANUFACTURED	15,033		13,650				1,383
1011 IRON ORE AND CONCENTRATES	1,470					1,470	
1051 ALUMINUM ORES, CONCENTRATES	19,450						19,450
1061 MANGANESE ORES, CONCENTRATES	4,275					2,825	1,450
1091 NONFERREROUS ORES, CONCENT, NEC	5,084					5,084	
1121 COAL AND LIGNITE	47,876		7,952				59,924
1311 CRUDE PETROLEUM	2,168,811		308,560	721,729	66,120	701,143	371,259
1411 LUMESTONE	256,267		13,134				243,133
1442 SAND, GRAVEL, CRUSHED ROCK	427,981			10,486		4,508	412,987
1451 CLAY	6,791			291			6,500
1492 SULPHUR, DRY	3,011					3,011	
1493 SULPHUR, LIQUID	127,351					124,912	2,439
1494 GYPSUM, CRUDE AND PLASTERS	4,748						4,746
1499 NONMETALLIC MINERALS, NEC	4,109,502		1,125			4,001,690	106,687
2014 TALLOW, ANIMAL FATS AND OILS	8,946						8,946
2039 PREP FRUIT AND VEG JUICE, NEC	1,417					1,417	
2042 ANIMAL FEEDS	67,579					53,506	14,073
2099 GRAIN MILL PRODUCTS, NEC	38,692					1,475	37,217
2081 SUGAR	36,400					36,400	
2062 MOLASSES	32,476					17,124	15,352
2092 ANIMAL OILS AND FATS, NEC	2,965					2,965	
2099 MISCELLANEOUS FOOD PRODUCTS	1,382						1,382
2621 STANDARD NEWSPRINT PAPER	19,159						19,159
2631 PAPER AND PAPERBOARD	1,081						1,081
2810 SODIUM HYDROXIDE	649,392			2,755		473,172	173,465
2011 CRUDE TAR, GAS PRODUCTS	315,517					124,948	190,569
2813 ALCOHOLS	830,046					651,378	178,668
2817 BENZENE AND TOLUENE	843,155					483,763	359,392
2818 SULPHURIC ACID	154,369					91,187	63,182
2819 BASIC CHEMICALS AND PROD, NEC	4,883,335			31,228		4,208,062	644,045
2821 PLASTIC MATERIALS	1,206					1,206	
2871 NITROGENOUS CHEM FERTILIZERS	392,851		1,434			53,648	337,769

NEW ORLEANS, LA, DISTRICT

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GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	THROUGH		
					NORTHBOUND	NORTHBOUND	SOUTHBOUND
2878 POTASSIC CHEM FERTILIZERS	42,997		6,186			21,335	15,476
2879 PHOSPHATIC CHEM FERTILIZERS	43,674		2,913			2,859	38,102
2879 FERTILIZER AND MATERIALS, NEC	118,209					38,550	82,659
2891 MISCELLANEOUS CHEMICAL PROD	154,353					105,369	48,984
2911 GASOLINE	1,474,234			107,968		1,103,939	262,331
2912 JET FUEL	328,381					222,432	105,949
2913 KEROSENE	62,832			1,887		60,985	
2914 DISTILLATE FUEL OIL	662,752		870	240		513,157	148,485
2915 RESIDUAL FUEL OIL	1,379,348					644,269	735,079
2916 LUBRICATING OILS AND GREASES	1,027,098		85,147			868,627	81,324
2917 NAPHTHA, PETROLEUM SOLVENTS	1,391,806		1,215	2,367		995,561	392,663
2918 ASPHALT, TAR, AND BITUMEN	147,200					117,726	29,474
2920 COKE, PETROLEUM COKE	734,421					343,270	391,151
2921 LUBRICATED GASES	72,308	6,654		28,076		22,240	15,338
2991 PETROLEUM AND COAL PROD, NEC	62,813					47,773	15,040
3201 BUILDING CEMENT	34,680		488			1,979	32,213
3271 LIME	82,415		68,786				13,629
3314 PIG IRON	3,508						3,508
3312 SLAG	66,351					23,531	42,820
3314 IRON AND STEEL, PRIMARY FORMS	72,776					16,480	56,296
3315 IRON, STEEL SHAPES, EXC SHEET	316,452					120,285	196,167
3316 IRON AND STEEL PLATES, SHEETS	138,605					19,386	119,219
3317 IRON AND STEEL PIPE AND TUBE	53,807		677			5,078	48,052
3318 FERROALLOYS	7,860						7,860
3319 IRON AND STEEL PRODUCTS, NEC	20,297					1,966	18,331
3324 ALUMINUM AND ALLOYS, UNWORKED	26,572						26,572
3411 FABRICATED METAL PRODUCTS	2,842		1,142				1,700
3511 MACHINERY, EXCEPT ELECTRICAL	6,559		240	18		4,299	2,002
3711 MOTOR VEHICLES, PARTS, EQUIP	240			4			236
3731 SHIPS AND BOATS	200						200
4011 IRON AND STEEL SCRAP	760,627			47,204		21,439	692,184
4029 WASTE AND SCRAP, NEC	81,087		2,341				78,746
4111 WATER	699					699	
4112 COMMODITIES, NEC	879		1				878
4118 WATERWAY IMPROVEMENT MAT	8,985		1,338				7,647
TOTAL TON-MILES	1,548,071,145						

PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.

SECTION INCLUDED: BAYOU PETIT ANSE FROM GULF INTRACOASTAL WATERWAY TO HEAD OF AVERY ISLAND, 6.1 MILES; BAYOU CARLIN FROM MOUTH TO LAKE PEIGNEUR, 7.6 MILES; AVERY (MCILHENNY) CANAL FROM GULF INTRACOASTAL WATERWAY TO VERMILLION BAY, 2.7 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAYOU PETIT ANSE, 7 FEET; BAYOU CARLIN, 8 FEET; AVERY CANAL, BAR CHANNEL, 7 FEET; TO GULF INTRACOASTAL WATERWAY, 13 FEET. PROJECT DEPTH: BAYOU PETIT ANSE, 9 FEET; BAYOU CARLIN, 9 FEET; AVERY (MCILHENNY) CANAL, 7 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,706,713	1982	1,198,461
1978	2,027,453	1983	853,881
1979	2,087,468	1984	1,404,459
1980	1,730,794	1985	1,943,745
1981	1,018,108	1986	2,044,857

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH
TOTAL	2,044,857	60,529	1,984,106	222
0911 FRESH FISH, EXCEPT SHELLFISH	34,592	34,592		
0912 SHELLFISH, EXCEPT PREPARED	8,785	8,785		
1311 CRUDE PETROLEUM	41,559		41,337	222
1402 SAND, GRAVEL, CRUSHED ROCK	4,600	4,600		
1499 NONMETALLIC MINERALS, NEC	1,899,471	11,198	1,888,273	
2095 ICE	10,831		10,831	
2911 GASOLINE	43,665		43,665	
2914 DISTILLATE FUEL OIL	886	886		
3201 BUILDING CEMENT	468	468		
TOTAL TON-MILES	9,266,789			

Waterborne Commerce of the United States, 1986

FRESHWATER BAYOU, LA.

SECTION INCLUDED: 23.1 MILES FROM INTERSECTION OF GULF INTRACOASTAL WATERWAY TO THE GULF OF MEXICO. CONTROLLING DEPTH (MEAN LOW GULF), 11 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	197,751	1982	361,146
1978	179,896	1983	303,515
1979	176,781	1984	372,296
1980	183,696	1985	370,633
1981	347,916	1986	369,685

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH
TOTAL	369,685	2,542	352,248	14,895
1311 CRUDE PETROLEUM	352,098		352,098	
1442 SAND, GRAVEL, CRUSHED ROCK	24			24
1451 CLAY	2,307	1,970	150	187
2090 GROCERIES	143			143
2819 BASIC CHEMICALS AND PROD, NEC	16			16
2912 JET FUEL	4,021			4,021
2914 DISTILLATE FUEL OIL	1,266	180		1,086
3241 BUILDING CEMENT	848	392		456
3317 IRON AND STEEL PIPE AND TUBE	40			40
3411 FABRICATED METAL PRODUCTS	78			78
3511 MACHINERY, EXCEPT ELECTRICAL	1,647			1,647
3911 WIBC MANUFACTURED PRODUCTS	1,291			1,291
4111 WATER	5,795			5,795
4112 COMMODITIES, NEC	111			111
TOTAL TON-MILES	5,992,326			

LAKE CHARLES DEEP WATER CHANNEL, LA.

SECTION INCLUDED: CALCASIEU RIVER TO SABINE RIVER, FOLLOWING THE CALCASIEU-SABINE SECTION OF THE GULF INTRACOASTAL WATERWAY, 24.9 MILES. CONTROLLING DEPTH (MEAN LOW GULF): 12 FEET. PROJECT DEPTH: 30 FEET (MAINTAINED TO GULF INTRACOASTAL WATERWAY DEPTH OF 12 FEET)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	39,006,541	1982	32,248,895
1978	38,138,177	1983	33,562,698
1979	35,951,037	1984	36,074,480
1980	34,849,807	1985	35,358,638
1981	34,892,738	1986	39,813,072

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		INBOUND	OUTBOUND	THROUGH	
		EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND
TOTAL	39,813,072	42,207	3,313	33,750	195,845	19,436,076	20,101,801
0101 COTTON, RAW	4,115					4,115	
0103 CORN	1,656					1,656	
0104 OATS	89,413					1,648	87,765
0105 RICE	92,627					28,156	64,471
0106 BORGHUM GRAINS	42,372					10,221	32,151
1107 WHEAT	33,959					26,490	7,469
0111 SOYBEANS	28,828					25,705	3,123
0110 OILSEEDS, NEC	1,851	1,851					
0931 MARINE SHELLS, UNMANUFACTURED	759,687			33,750			725,737
1011 IRON ORE AND CONCENTRATES	1,470					1,470	
1051 ALUMINUM ORES, CONCENTRATES	14,487						14,487
1061 MANGANESE ORES, CONCENTRATES	22,320					2,625	19,695
1091 NONFERROUS ORES, CONCENT, NEC	5,084					5,084	
1121 COAL AND LIGNITE	71,773					6,109	65,664
1311 CRUDE PETROLEUM	8,405,481	4,990			195,845	1,038,694	7,165,952
1413 LIMESTONE	42,708						42,708
1442 SAND, GRAVEL, CRUSHED ROCK	225,555						225,555
1451 CLAY	19,513					9,394	10,119
1492 SULPHUR, DRY	3,011					3,011	
1493 SULPHUR, LIQUID	239,074					234,099	4,975
1499 BY-PROD, CRUDE AND PLASTERS	9,188						9,188
1499 NONMETALLIC MINERALS, NEC	141,909					73,905	68,004
2014 TALLOW, ANIMAL FATS AND OILS	13,220					1,378	11,842
2034 PREP FRUIT AND VEG JUICE, NEC	1,417					1,417	
2841 WHEAT FLOUR AND SEMOLINA	34,390					34,390	
2842 ANIMAL FEEDS	31,138					12,877	18,261

NEW ORLEANS, LA, DISTRICT

LAKE CHARLES DEEP WATER CHANNEL, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		INBOUND	OUTBOUND	THROUGH	
		EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND
2049 GRAIN MILL PRODUCTS, NEC	101,650					70,570	31,080
2051 SUGAR	18,694					18,694	
2062 MOLASSES	42,392					1,076	41,316
2091 VEGETABLE OILS, VARG, SHORT	1,572						1,576
2099 MISCELLANEOUS FOOD PRODUCTS	28,257					14,947	13,310
2212 TEXTILE FIBERS, NEC	12,700						12,700
2431 VENEER, PLYWOOD, WORKED WOOD	19,720					19,478	250
2621 STANDARD NEWSPRINT PAPER	19,159						19,159
2631 PAPER AND PAPERBOARD	1,081						1,081
2810 SODIUM HYDROXIDE	778,010					312,287	465,723
2811 CRUDE TAR, OIL, GAS PRODUCTS	412,178					161,394	250,784
2813 ALCOHOLS	996,847	5,593				772,678	218,378
2817 BENZENE AND TOLUENE	1,553,290					632,864	920,416
2818 SULPHURIC ACID	213,014					155,208	57,806
2819 BASIC CHEMICALS AND PROD, NEC	6,156,645	2,439				4,759,837	1,394,369
2821 PLASTIC MATERIALS	1,206					1,206	
2871 NITROGENOUS CHEM FERTILIZERS	374,152					3,055	371,097
2872 POTASSIC CHEM FERTILIZERS	23,004					21,335	1,669
2873 PHOSPHATIC CHEM FERTILIZERS	54,989					2,859	52,130
2879 FERTILIZER AND MATERIALS, NEC	196,650					38,770	157,880
2891 MISCELLANEOUS CHEMICAL PROD	91,958					40,774	51,184
2911 GASOLINE	3,313,355					1,868,875	1,444,480
2912 JET FUEL	893,599					608,737	284,862
2913 KEROSENE	211,810					211,810	
2914 DISTILLATE FUEL OIL	1,326,617	606				788,576	537,435
2915 RESIDUAL FUEL OIL	5,360,997	6,205				3,208,643	2,146,069
2916 LUBRICATING OILS AND GREASES	1,173,169					1,020,319	152,850
2917 NAPHTHA, PETROLEUM SOLVENTS	2,279,231		3,271			1,495,309	780,551
2918 ASPHALT, TAR, AND BITUMENS	277,296					186,972	90,324
2920 COKE, PETROLEUM COKE	483,581					365,655	97,926
2921 LIQUEFIED GASES	583,654					563,814	19,840
2991 PETROLEUM AND COAL PROD, NEC	270,614					173,954	96,660
3241 BUILDING CEMENT	115,931					9,862	106,069
3271 LIME	4,433						4,433
3311 PIG IRON	4,969						4,969
3312 SLAG	77,341					24,939	52,402
3314 IRON AND STEEL PRIMARY FORMS	115,628					19,129	96,499
3315 IRON, STEEL SHAPES, EXC SHEET	330,845					122,445	208,400
3316 IRON AND STEEL PLATES, SHEETS	191,876					72,207	119,669
3317 IRON AND STEEL PIPE AND TUBE	198,849					11,571	187,278
3318 FERROALLOYS	47,260					1,400	45,860
3319 IRON AND STEEL PRODUCTS, NEC	21,006					1,966	19,040
3322 COPPER ALLOYS, UNWORKED	57						57
3411 FABRICATED METAL PRODUCTS	5,466	310				300	4,856
3511 MACHINERY, EXCEPT ELECTRICAL	14,347	100	42			7,364	6,841
3611 ELECTRICAL MACH AND EQUIP	153						153
3711 MOTOR VEHICLES, PARTS, EQUIP	279						279
3731 SHIPS AND BOATS	7						7
3911 MISC MANUFACTURED PRODUCTS	801					801	
4011 IRON AND STEEL SCRAP	829,403					56,881	772,522
4029 WASTE AND SCRAP, NEC	203,915	20,113				11,779	172,023
4111 WATER	3,341					1,394	1,947
4112 COMMODITIES, NEC	36,438					31,500	4,938
4118 WATERWAY IMPROVEMENT MAT	3,540						3,540

MAYOU TECHE, LA.

SECTION INCLUDED: MOUTH TO ARNAUVILLE, LA., 106.5 MILES. CONTROLLING DEPTH (MEAN LOW GULF): TO MILE 4.5, 3 FEET; TO NEW IBERIA, LA., 3 FEET; TO KEYSTONE LOCK, 6 FEET; TO BREUX BRIDGE, LA., 8 FEET (MEAN LOW WATER). PROJECT DEPTH: 8 FEET TO NEW IBERIA, LA., 54.5 MILES) 6 FEET TO ARNAUVILLE, LA., 52 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	745,203	1982	724,387
1978	631,770	1983	681,349
1979	371,737	1984	573,090
1980	425,491	1985	654,452
1981	457,211	1986	1,006,243

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		SHIPMENTS	INBOUND
TOTAL	1,006,243	4,491	470,782
0193 CORN	3,003		3,003
0111 SOYBEANS	7,604		7,604
0931 MARINE SHELLS, UNMANUFACTURED	154,538		154,538
1051 ALUMINUM ORES, CONCENTRATED	17,200		17,200
1311 CRUDE PETROLEUM	487,727		186,069

Waterborne Commerce of the United States, 1986

BAYOU TECHE, LA.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		SHIPMENTS	INBOUND	OUTBOUND	
1411 LimestoNE	3,129		3,129		
1442 SAND, GRAVEL, CRUSHED ROCK	68,455		68,455		
1454 CLAY	41		2		39
1499 NONMETALLIC MINERALS, NEC	11,453		11,453		
2042 ANIMAL FEEDS	1,370				1,370
2061 SUGAR	181,647				181,647
2062 MOLASSES	27,860				27,860
2094 GROCERIES	752				752
2819 BASIC CHEMICALS AND PROD, NEC	44				44
2911 GASOLINE	2,594				2,594
2915 RESIDUAL FUEL OIL	4,993		4,993		
3241 BUILDING CEMENT	459				459
3317 IRON AND STEEL PIPE AND TUBE	14,265		13,830		435
3411 FABRICATED METAL PRODUCTS	826				826
3511 MACHINERY, EXCEPT ELECTRICAL	10,984	4,491	4,511		1,982
3911 MISC MANUFACTURED PRODUCTS	760		2		758
4111 WASTE	352				352
4112 COMMODITIES, NEC	120		54		66
4118 WATERWAY IMPROVEMENT MAT	4,087		4,087		
TOTAL TON-MILES	33,290,849				

HERMENTAU RIVER, LA.

SECTION INCLUDED: LOWER HERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO; INLAND WATERWAY FROM VERMILLION BAY TO THE HERMENTAU RIVER; AND WATERWAY FROM WHITE LAKE TO PECAN ISLAND, CONTROLLING DEPTH (MEAN LOW GULF): LOWER HERMENTAU RIVER, THROUGH GRAND LAKE, 8 FEET; TO CATFISH POINT CONTROL STRUCTURE, 7 FEET; TO GRAND CENIERE HIGHWAY BRIDGE, 11 FEET; THROUGH NEW CHANNEL TO JETTIES, 15 FEET; BAR CHANNEL, 15 FEET; INLAND WATERWAY, THROUGH SCHOONER BAYOU CUT-OFF CANAL TO CONTROL STRUCTURE, 9.0 FEET; TO WHITE LAKE, 9 FEET; THROUGH WHITE LAKE, 4 FEET; THROUGH TURTLE LAKE, 9 FEET; THROUGH COLLICON LAKE, 5 FEET; THROUGH GRAND LAKE, 3 FEET; NORTH PRONG OF SCHOONER BAYOU, 8 FEET. PROJECT DEPTHS: NORTH PRONG OF SCHOONER BAYOU AND SCHOONER BAYOU CUT-OFF 6 FEET; WHITE LAKE TO PECAN ISLAND, 3 FEET; OTHERWISE 3,000 SQ. FT. BELOW MLG CROSS-SECTIONAL AREA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,243,347	1982	1,095,382
1978	943,409	1983	1,065,503
1979	781,517	1984	1,278,557
1980	670,927	1985	1,469,024
1981	857,292	1986	1,424,077

FREIGHT TRAFFIC, 1986

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			THROUGH EASTBOUND
		THROUGH WESTBOUND	INBOUND	OUTBOUND	EASTBOUND	WESTBOUND	
TOTAL	1,424,077	1,433	12,870	1,314,574	10,729	921	83,550
0911 FRESH FISH, EXCEPT SHELLFISH	16			16			
0912 SHELLFISH, EXCEPT PREPARED	220			220			
1311 CRUDE PETROLEUM	1,383,649		1,291	1,288,064	10,724	920	82,650
1442 SAND, GRAVEL, CRUSHED ROCK	4,183		3,473	710			
1451 CLAY	2,105		1,707	397	1		
1499 NONMETALLIC MINERALS, NEC	2,041		1,020	236			785
2094 GROCERIES	56		2	54			
2491 FOOD MANUFACTURES, NEC	10		10				
2691 PULP AND PAPER PRODUCTS, NEC	21		9	12			
2819 BASIC CHEMICALS AND PROD, NEC	427		362	65			
2851 PAINTS	50			50			
2911 GASOLINE	1,297		1,297				
2914 DISTILLATE FUEL OIL	2,364		2,274	90			
2915 RESIDUAL FUEL OIL	13,918			13,918			
2921 LIQUEFIED GASES	1,433	1,433					
3241 BUILDING CEMENT	1,307		1,132	60			115
3317 IRON AND STEEL PIPE AND TUBE	90		90				
3411 FABRICATED METAL PRODUCTS	3			2	1		
3511 MACHINERY, EXCEPT ELECTRICAL	341		159	178	3	1	
3911 MISC MANUFACTURED PRODUCTS	10,362		20	10,342			
4029 WASTE AND SCRAP, NEC	12		12				
4111 WASTE	158			158			
4112 COMMODITIES, NEC	4		3	1			
4118 WATERWAY IMPROVEMENT MAT	5		5				
4119 EMPTY CONTAINERS	5		4	1			
TOTAL TON-MILES	37,112,451						

NEW ORLEANS, LA, DISTRICT

BAYOU TECHE AND VERMILION RIVER, LA.

SECTION INCLUDED: 52 MILES FROM VERMILION BAY TO GENERAL MOUTON AVENUE BRIDGE AT LAFAYETTE, LA. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 8 FEET; TO GULF INTRACOASTAL WATERWAY, 8 FEET; TO ABBEVILLE, LA., 10 FEET; TO MILE 40, 8 FEET; TO PINHOOK BRIDGE, 5 FEET. PROJECT DEPTH: 8 FEET, VERMILION BAY TO GULF INTRACOASTAL WATERWAY AND 9 FEET TO LAFAYETTE, LA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,193,811	1982	816,774
1978	1,174,485	1983	802,840
1979	1,033,264	1984	962,203
1980	954,418	1985	950,136
1981	953,754	1986	891,971

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	THROUGH DOWNBOUND
TOTAL	891,971	224,831	461,954	76,577	106,609
0931 MARINE SMELLS, UNMANUFACTURED	131,812	131,058			754
1311 CRUDE PETROLEUM	510,142		465,393	44,749	
1402 SAND, GRAVEL, CRUSHED ROCK	25,150	25,053	72		25
1451 CLAY	5,063	1,031	1,510	894	1,628
1499 NONMETALLIC MINERALS, NEC	37,688	33,394	503	247	3,540
2094 SPOCCRIES	939		893		46
2099 MISCELLANEOUS FOOD PRODUCTS	400				400
2891 PULP AND PAPER PRODUCTS, NEC	96	15	65	12	4
2810 SODIUM HYDROXIDE	5				5
2819 BASIC CHEMICALS AND PROD, NEC	1,894	65	594		1,235
2841 SOAP	10				10
2851 PAINTS	1		1		
2891 MISCELLANEOUS CHEMICAL PROD	2	2			
2912 JET FUEL	407				407
2914 DISTILLATE FUEL OIL	36,695	16,886	456	7,756	11,597
2915 RESIDUAL FUEL OIL	2		2		
3241 BUILDING CEMENT	7,540	60	540	609	6,331
3317 IRON AND STEEL PIPE AND TUBE	4,384	90	266	1,067	2,961
3411 FABRICATED METAL PRODUCTS	549	188	361		
3511 MACHINERY, EXCEPT ELECTRICAL	16,651	690	1,187	5,729	9,045
3911 MISC MANUFACTURED PRODUCTS	18,034	152	1,684	2,015	14,183
4111 WATER	77,996	232	8,095	15,431	54,238
4112 COMMODITIES, NEC	655	63	324		200
4118 WATERWAY IMPROVEMENT MAT	15,850	15,850			
4119 EMPTY CONTAINERS	10	2	8		
TOTAL TON-MILES	15,842,164				

MERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.

SECTION INCLUDED: MERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5; BAYOU NEZPIQUE FROM MOUTH TO MILE 25; BAYOU DES CANNES FROM MOUTH TO MILE 8.5. CONTROLLING DEPTH (MEAN LOW GULF): MERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5, 8.0 FEET; BAYOU NEZPIQUE TO I-10 BRIDGE, 13 FEET; BAYOU DES CANNES TO I-10 BRIDGE, 11 FEET. PROJECT DEPTH: 12 FEET FROM GULF INTRACOASTAL WATERWAY THROUGH BAYOUS DES CANNES AND NEZPIQUE TO INTERSTATE HIGHWAY 10.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,175,888	1982	1,197,473
1978	1,616,918	1983	1,108,283
1979	1,786,943	1984	1,191,504
1980	1,841,696	1985	1,414,382
1981	1,406,535	1986	1,623,251

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL	1,623,251	1,433	367,470	1,243,675	1,328	6,894	2,451
0103 CORN	63,331			63,331			
0105 RICE	104,351		17,836	86,515			
0106 SORGHUM GRAINS	63,648			63,648			
0107 MEAT	46,385			46,385			
0111 SOYBEANS	218,681			218,681			
0911 FRESH FISH, EXCEPT SHELLFISH	16		16				
0912 SHELLFISH, EXCEPT PREPARED	220		220				
0931 MARINE SMELLS, UNMANUFACTURED	52,604		52,604				
1311 CRUDE PETROLEUM	402,525		2,758	390,222		6,894	2,451
1411 LONESTONE	9,163		9,163				
1442 SAND, GRAVEL, CRUSHED ROCK	17,235		17,235				
1451 CLAY	1,291			603	688		

Waterborne Commerce of the United States, 1986

MERMENTAU RIVER, BAYOUS MEZPIRIE AND DES CANNES, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			THROUGH SOUTHBOUND
		SHIPMENTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	
1499 NONMETALLIC MINERALS, NEC	2,781		1,121	1,020	640		
2042 ANIMAL FEEDS	5,000			5,000			
2061 SUGAR	113,027		113,027				
2062 MOLASSES	61,406		28,738	32,668			
2013 ALCOHOLS	1,470		1,470				
2019 BASIC CHEMICALS AND PROD, NEC	5,007		1,511	3,496			
2071 NITROGENOUS CHEM FERTILIZERS	7,439		7,439				
2072 POTASSIC CHEM FERTILIZERS	13,007		13,007				
2073 PHOSPHATIC CHEM FERTILIZERS	6,220		6,220				
2079 FERTILIZER AND MATERIALS, NEC	3,146		3,146				
2011 GASOLINE	266,602		72,036	194,566			
2014 DISTILLATE FUEL OIL	11,282		5,782	5,500			
2017 NAPHTHA, PETROLEUM SOLVENTS	13,026			13,026			
2021 LIQUEFIED GASES	119,512	1,433		118,079			
2091 PETROLEUM AND COAL PROD, NEC	3,546		3,546				
3241 BUILDING CEMENT	505		505				
3274 LIME	4,778		4,778				
3511 MACHINERY, EXCEPT ELECTRICAL	104		61	43			
3011 MISG MANUFACTURED PRODUCTS	2			2			
4029 WASTE AND SCRAP, NEC	4,326		4,326				
6111 WATER	125		125				
4112 COMMODITIES, NEC	2			2			
TOTAL TON-MILES:	52,230,213.						

CALCASIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)

SECTION INCLUDED: PHILLIPS BLUFF, LA., TO THE 42-FOOT CONTOUR IN GULF OF MEXICO, 109.5 MILES, CONTROLLING DEPTH (MEAN LOW GULF); BAR CHANNEL, 39 FEET; JETTY CHANNEL, 44 FEET; TO LAKE CHARLES, 40 FEET; TO MILE 50, 13 FEET; TO MILE 60, 6 FEET. PROJECT DEPTH: PHILLIPS BLUFF TO MILE 36.2, NONE SPECIFIED; 35 FEET BETWEEN MILES 36 AND 34.1 ABOVE LAKE CHARLES (HARVE); 40 FEET FROM LAKE CHARLES (HARVE) TO GULF OF MEXICO, WITH 40 FEET IN CLOONEY LOOP; 12 FEET IN CAMERON LOOP; 40 FEET IN DEVIL'S ELBOW INDUSTRIAL CANAL; AND 42 FEET IN BAR CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	CALCASIEU PASS (TONS)	INTERNAL TRAFFIC (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	CALCASIEU PASS (TONS)	INTERNAL TRAFFIC (TONS)	TOTAL (TONS)	PASSENGERS
1977	13,783,593	11,617,672	25,401,265	68	1982	9,274,420	9,601,875	18,876,295	
1978	13,562,989	13,042,872	26,605,861	482	1983	13,359,794	8,423,277	21,783,071	
1979	15,346,799	9,130,050	24,484,857		1984	17,591,518	9,647,475	27,238,993	
1980	10,916,373	9,833,927	20,750,300		1985	16,240,283	9,254,169	25,494,452	
1981	10,366,324	10,337,292	20,703,616		1986	21,008,064	9,912,450	30,920,514	5,248

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	30,920,514	13,992,040	4,137,720	271,505	2,606,799	4,294,148	5,072,220	546,082
0103 CORN	4,932		3,532				1,400	
0105 RICE	311,264		305,331				5,933	
0107 WHEAT	24,683		19,499			1,333	3,851	
0111 SOYBEANS	93,025		62,900		24		30,101	
0129 FIELD CROPS, NEC	36		36					
0131 FRESH FRUITS	372		372					
0133 COFFEE	1,630	1,630						
0141 FRESH AND FROZEN VEGETABLES	774		493					
0191 MISCELLANEOUS FARM PRODUCTS	10,481			180	10,301			
0261 FOREST PRODUCTS, NEC	72	3	69					
0911 FRESH FISH, EXCEPT SHELLFISH	1,137		696			388		53
0912 SHELLFISH, EXCEPT SHELLFISH	6,607					6,607		
0931 MARINE SHELLS, UNMANUFACTURED	96,312					96,312		
1011 IRON ORE AND CONCENTRATES	19,139	19,139						
1054 ALUMINUM ORES, CONCENTRATES	17,989	17,982	7					
1311 CRUDE PETROLEUM	16,568,500	13,006,185		171,129		2,078,463	1,137,345	175,458
1411 LIMESTONE	153,090					153,090		
1482 SAND, GRAVEL, CRUSHED ROCK	143,957	43,656	38			98,709	654	
1451 CLAY	125,325	52,946	159			12,153	36,612	23,455
1492 SULPHUR, DRY	10		10					
1494 BY-PROD, CRUDE AND PLASTERS	8		8					
1499 NONMETALLIC MINERALS, NEC	6,521		103		498	4,420	2,600	700
2011 MEAT, FRESH, CHILLED, FROZEN	2,024	2,024						
2012 MEAT AND PRODUCTS, NEC	1		1					
2022 DRIED MILK AND CREAM	9,582		9,582					
2034 VEGETABLES AND PREP, NEC	278	60	203					
2039 PREP FRUIT AND VEG JUICE, NEC	573	212	361					
2041 WHEAT FLOUR AND SEMOLINA	24,285		21,375				2,870	
2048 ANIMAL FEEDS	42,030		2,605		17,775	3,830	17,828	
2049 GRAIN MILL PRODUCTS, NEC	101,584	112	70,000			12,132	19,340	
2061 SUGAR	25		25					
2062 MOLASSES	4,519	4,519						

NEW ORLEANS, LA, DISTRICT

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CALCABIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2081 ALCOHOLIC BEVERAGES	177	69	108					
2091 VEGETABLE OILS, MARG, SHORT	161		161					
2092 ANIMAL OILS AND FATS, NEC	12,520						1,276	11,244
2099 GROCERIES	168						168	
2095 ICE	3,694						3,694	
2099 MISCELLANEOUS FOOD PRODUCTS	206,862	73	14,806	31,566	154,885	1,382	4,150	
2211 BASIC TEXTILE PRODUCTS	90	30	60					
2311 APPAREL	1,090	34	2	890	164			
2811 LOGS	2,872		2,784		88			
2813 FUEL WOOD, CHARCOAL, WASTES	84		84					
2821 LUMBER	23,168		9,759		13,409			
2831 VENEER, PLYWOOD, WORKED WOOD	99		99					
2891 WOOD MANUFACTURES, NEC	15,011	451	3		14,460		12	85
2811 FURNITURE AND FIXTURES	1,094	150		10	928			
2811 PULP	1,070		1,070					
2821 STANDARD NEWSPRINT PAPER	10,208		10,208					
2831 PAPER AND PAPERBOARD	127,743	23	127,720					
2891 PULP AND PAPER PRODUCTS, NEC	13,139	10	711	15	12,390		4	
2711 PRINTED MATTER	1,994	16	5		1,973			16,579
2810 SODIUM HYDROXIDE	976,922				224,751	89,079	646,513	
2811 CRUDE TAR, OIL, GAS PRODUCTS	10,710		2			10,710		
2812 DYES, PIGMENT, TANNING MATS	2		2					
2813 ALCOHOLS	54,010		50			39,555	14,405	
2818 SULPHURIC ACID	21,323					15,634	5,689	
2819 BASIC CHEMICALS AND PROD, NEC	971,169	16,428	617,605	5,179	73,464	75,227	182,570	696
2821 PLASTIC MATERIALS	1,456	15	1,441					
2822 SYNTHETIC RUBBER	5		5					
2823 SYNTHETIC (MAN-MADE) FIBERS	16		16					
2831 DRUGS	17		17					
2841 SOAP	219		219					
2851 PAINTS	1,771		42				1,729	
2851 GUM AND WOOD CHEMICALS	7		7					
2871 NITROGENOUS CHEM FERTILIZERS	52,295		77				52,218	
2876 INSECTICIDES, DISINFECTANTS	597		597					
2879 FERTILIZER AND MATERIALS, NEC	1,486						1,486	
2891 MISCELLANEOUS CHEMICAL PROD	72,786		2,437		236		69,751	362
2911 GASOLINE	1,602,814		13,274		861,908	64,936	652,620	10,076
2912 JET FUEL	776,889		9,510		641,376	5,688	109,621	10,694
2913 KEROSENE	239,722		62	40,390	2,894	150,599	2,368	43,409
2914 DISTILLATE FUEL OIL	1,038,834		118,328		337,592	37,941	413,413	131,560
2915 RESIDUAL FUEL OIL	1,324,514	33,248	63,423		30,965	307,858	992,974	96,046
2916 LUBRICATING OILS AND GREASES	457,608		53,507		81,983	14,347	306,140	1,631
2917 NAPHTHA, PETROLEUM SOLVENTS	774,153	485,500	7		12,283	205,534	46,795	24,034
2918 ASPHALT, TAR, AND PITCHES	27,905	5,482					22,423	
2920 COKE, PETROLEUM COKE	3,320,304		2,450,047			651,737	218,520	
2921 LIQUEFIED GASES	315,686	248,709	62,557				4,420	
2951 ASPHALT BUILDING MATERIALS	3		3					
2991 PETROLEUM AND COAL PROD, NEC	186,426		164		69,399	99,036	17,827	
3011 RUBBER AND MISC PLASTIC PROD	12,013	113	177	1,504		10,215		
3111 LEATHER AND LEATHER PRODUCTS	240	6	8	47		179		
3211 GLASS AND GLASS PRODUCTS	95		95					
3241 BUILDING CEMENT	66,409	51,962	7	8,353		5,782	305	
3251 STRUCTURAL CLAY PRODUCTS	11		11					
3281 CUT STONE AND STONE PRODUCTS	44	44						
3291 MISC NONMETALLIC MINERAL PROD	19,357	26	16,474	204	2,649			
3312 SLAG	4,036					4,036		
3315 IRON, STEEL SHAPES, EXC SHEET	525	402	123					
3316 IRON AND STEEL PLATES, SHEETS	114		114					
3317 IRON AND STEEL PIPE AND TUBE	608		143			152	373	
3318 FERROALLOYS	9		9					
3319 IRON AND STEEL PRODUCTS, NEC	3,499	20	69	48	3,362			
3321 NONFERROUS METALS, NEC	30		30					
3322 COPPER ALLOYS, UNWORKED	13		13					
3324 ALUMINUM AND ALLOYS, UNWORKED	30,102		62			30,120		
3411 FABRICATED METAL PRODUCTS	4,009	8	199	854	2,936	12		
3511 MACHINERY, EXCEPT ELECTRICAL	21,597	22	1,035	2,704	5,951	5,148	6,737	
3611 ELECTRICAL MACH AND EQUIP	64,547	40	59,875	4,056	576			
3711 MOTOR VEHICLES, PARTS, EQUIP	373	4	369					
3731 SHIPS AND BOATS	25		22			3		
3791 MISC TRANSPORTATION EQUIPMENT	4,950		91	1,120	3,739			
3811 INSTR, TIME, PHOTO, OPT GOODS	3,919	3	60	1,742	2,114			
3911 MISC MANUFACTURED PRODUCTS	9,367	7	81	83	174	1,361	7,661	
4012 NONFERROUS METAL SCRAP	19	19						
4022 TEXTILE WASTE, SCRAP, SHEEP	19		19					
4029 WASTE AND SCRAP, NEC	10,141			1,092	1,014	178	15,857	
4111 WATER	14,678					2,922	11,756	
4112 COMMODITIES, NEC	3,115	448	179	325	2,117	36	10	
4118 WATERWAY IMPROVEMENT MAT	7,698					7,698		
4119 EMPTY CONTAINERS	20				27		1	
9999 DEPARTMENT OF DEFENSE AND SCI	69		69					
TOTAL TON-MILES	807,017,137							

Waterborne Commerce of the United States, 1986

PORT OF NEW ORLEANS, LA.

SECTION INCLUDED: BOTH BANKS OF THE MISSISSIPPI RIVER FROM MILE 127 A.N.P. TO THE MOUTH OF THE PASSAGE; INNERHARBOR NAVIGATION CANAL, 5.5 MILES; MISSISSIPPI RIVER-GULF OUTLET FROM ITS JUNCTION WITH THE INNERHARBOR NAVIGATION CANAL TO BAYOU BIENVENUE, 7 MILES; AND HARVEY CANAL, 5.5 MILES. CONTROLLING DEPTH: MISSISSIPPI RIVER, 40 FEET; INNERHARBOR NAVIGATION CANAL, 30 FEET TO MILE 2.1; THENCE 32 FEET; MISSISSIPPI RIVER-GULF OUTLET, 36 FEET; IN BAR CHANNEL, 37 FEET; HARVEY CANAL, 12 FEET. PROJECT DEPTH: MISSISSIPPI RIVER, 40 FEET; INNERHARBOR NAVIGATION CANAL, 32 FEET TO MILE 2.1, NONE BEYOND; MISSISSIPPI RIVER-GULF OUTLET, 36 FEET; 38 FEET IN BAR CHANNEL, HARVEY CANAL, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC				PASSENGERS	YEAR	VESSEL TRAFFIC				PASSENGERS
	CORPORATE LIMITS OF NEW ORLEANS (TONS)	POINTS ABOVE CORPORATE LIMITS (TONS)	POINTS BELOW CORPORATE LIMITS (TONS)	PORT OF NEW ORLEANS (TONS)			CORPORATE LIMITS OF NEW ORLEANS (TONS)	POINTS ABOVE CORPORATE LIMITS (TONS)	POINTS BELOW CORPORATE LIMITS (TONS)	PORT OF NEW ORLEANS (TONS)	
1977--	69,145,644	59,872,866	33,973,475	162,991,365	663,325	1982--	60,366,230	76,867,320	40,068,837	177,302,387	476,531
1978--	58,595,360	66,930,751	33,085,628	160,611,739	487,346	1983--	53,767,752	63,551,216	38,953,221	156,272,189	514,490
1979--	62,520,874	69,297,585	35,316,767	167,135,226	532,288	1984--	60,472,456	51,684,878	42,062,684	159,220,218	541,701
1980--	62,920,663	75,862,453	38,512,684	177,315,800	503,591	1985--	60,624,335	44,613,866	41,439,519	146,677,720	1,601,471
1981--	66,811,907	78,083,475	43,955,218	188,850,600	518,361	1986--	58,866,334	47,005,270	43,210,514	149,082,118	1,876,044

ADDITIONAL TRAFFIC

YEAR	DEEP DRAFT THROUGH TRAFFIC (TONS)	YEAR	DEEP DRAFT THROUGH TRAFFIC (TONS)
1977--	110,506,269	1982--	104,378,793
1978--	126,032,260	1983--	95,819,529
1979--	134,083,106	1984--	89,592,834
1980--	134,568,492	1985--	83,651,413
1981--	131,938,979	1986--	88,465,253

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	149,082,118	17,441,166	37,867,922	3,121,668	11,516,053	56,747,662	19,150,252	3,237,395
0101 COTTON, RAW	30,866		26,662		29	4,115		
0102 BARLEY AND RYE	1,150		1,150					
0103 CORN	19,038,967		9,575,678		99,285	9,354,860	9,144	
0104 OATS	143,358	89,800	733		4,314	4,334	44,177	
0105 RICE	506,584	185	299,752		38,024	168,623		
0106 BORGHUM GRAINS	1,735,147		936,011			797,558		
0107 WHEAT	4,201,001		1,996,289		101,611	2,095,265	2,249	5,587
0111 SOYBEANS	16,340,668		8,208,391			8,122,630	8,094	1,553
0119 OILSEEDS, NEC	6,663	1,070	7,573					
0121 TOBACCO, LEAF	1,222	622	568					
0122 HAY AND FODDER	20							
0129 FIELD CROPS, NEC	5,988	1,259	4,623		1	105		
0151 FRESH FRUITS	5,273	608	2,594		29	2,042		
0152 BANANAS AND PLANTAINS	54,341	54,301	40					
0153 COFFEE	268,975	238,078	28,046	2,851				
0154 COCOA BEANS	1,020	964	56					
0141 FRESH AND FROZEN VEGETABLES	23,023	4,676	12,543		5,004			
0151 LIVE ANIMALS	44		22		22			
0161 ANIMALS AND PRODUCTS, NEC	29,624	463	4,436		273	24,452		
0191 MISCELLANEOUS FARM PRODUCTS	1,389	637	680		72			
0841 CRUDE RUBBER AND ALLIED GUMS	196,721	196,554	127					
0851 FOREST PRODUCTS, NEC	5,965	2,308	3,188	221	248			
0911 FRESH FISH, EXCEPT SHELLFISH	1,775	911	152		405	307		
0912 SHELLFISH, EXCEPT PREPARED	22,835	470	449		17	21,899		
0951 MARINE SHELLS, UNMANUFACTURED	854,728					807,600	16,927	29,960
1011 IRON ORE AND CONCENTRATES	538,222	279,196	231				258,795	
1021 COPPER ORE AND CONCENTRATES	11,917		4,516			7,401		
1051 ALUMINUM ORES, CONCENTRATES	140,671	97,768	9,118				33,589	
1061 MANGANESE ORES, CONCENTRATES	126,195	68,240	533			3,320	54,102	
1071 NONFERROUS ORES, CONCENT, NEC	371,289	149,940	2,562		64		218,703	
1121 COAL AND LIGNITE	24,026,286	488,748	5,703,630		4,921,961	12,440,842	65,423	5,692
1311 CRUDE PETROLEUM	17,735,534	6,213,233		1,480,377	1	4,546,773	4,642,925	852,225
1411 LIMESTONE	112,030	45,763	19		424	65,824		
1412 BUILDING STONE, UNWORKED	23				23			
1442 SAND, GRAVEL, CRUSHED ROCK	463,072	90,429	1,704		22	269,061	101,856	
1451 CLAY	576,650	312,048	46,272		1,047	30,507	179,149	7,627
1471 PHOSPHATE ROCK	838,580	135,411	170	656,922	13,837	26,248	5,992	
1479 NATURAL FERTILIZER MATS, NEC	1,609						1,609	
1492 SULPHUR, DRY	4,138		4,071		1	19		
1493 SULPHUR, LIQUID	3,128,672			97,328	1,573,638	1,072,798	340,085	40,827
1494 GYPSUM, CRUDE AND PLASTERS	438,290	436,715	1,575					
1499 NONMETALLIC MINERALS, NEC	762,493	381,509	60,574	23	1,844	135,745	170,164	12,634
1711 DRUGS AND ACCESSORIES	5,433	856			25	1,342	3,210	
2011 MEAT, FRESH, CHILLED, FROZEN	109,575	20,510	41,815		47,250			
2012 MEAT AND PRODUCTS, NEC	20,750	15,912	511		4,335			
2014 TALLOW, ANIMAL FATS AND OILS	375,610		276,016		10,898	87,344	1,352	
2015 ANIMAL BY-PRODUCTS, NEC	3,457	98	2,748		611			
2021 DAIRY PRODUCTS, NEC	2,908	1,665	419		624			
2022 DRIED MILK AND CREAM	76,374	102	61,990		14,282			
2031 FISH AND SHELLFISH, PREPARED	19,782	2,306	237	17,023	216			
2038 VEGETABLES AND PREP, NEC	51,465	7,032	14,880	175	9,378			

NEW ORLEANS, LA, DISTRICT

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PORT OF NEW ORLEANS, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2030 PREP FRUIT AND VEG JUICE, NEC	27,284	11,600	5,233	1,345	9,188			
2041 WHEAT FLOUR AND SEMOLINA	68,194		25,038		2,852	48,584		
2042 ANIMAL FEEDS	4,496,552	19,665	2,405,976	63,759	9,257	1,861,512	138,383	
2049 GRAIN MILL PRODUCTS, NEC	3,022,025	2,157	1,572,801		43,999	1,397,966	5,822	
2061 SUGAR	1,073,237	237,763	319,953	168,729	10,225	159,783	178,784	
2062 MOLASSES	333,957	187,773	221			12,836	131,374	1,781
2081 ALCOHOLIC BEVERAGES	85,976	51,599	7,565	3,596	21,846	2,438		
2091 VEGETABLE OILS, HARG, SHORT	1,903,904	341,113	795,021	45	24,888	683,128	46,678	13,839
2092 ANIMAL OILS AND FATS, NEC	62,115	42	60,577				1,496	
2094 GROCERIES	42				40	2		
2095 ICE	3,018	3,018						
2099 MISCELLANEOUS FOOD PRODUCTS	187,048	20,466	56,507	3,541	8,952	38,271	61,911	5,600
2111 TOBACCO MANUFACTURES	388	1	343		44			
2112 BASIC TEXTILE PRODUCTS	57,919	34,026	8,256	36	614		18,985	
2113 TEXTILE FIBERS, NEC	20,741	7,473	342		226		12,700	
2114 APPAREL	8,582	1,991	1,744	922	3,925			
2115 LOPS	44,328	92	25,715			18,521		
2116 FUEL WOOD, CHARCOAL, WASTES	476	24	408		44			
2117 TIMBER, POSTS, POLES, PILING	3,581	174	3,172				103	132
2118 PULPMOOD, LOG	2,062		2,039		23			
2119 WOOD CHIPS, STAVES, HOLDINGS	5,411	5,248	163					
2121 LUMBER	120,119	23,887	77,980		2,418	7,541	8,263	30
2122 VENEER, PLYWOOD, WORKED WOOD	333,064	155,157	77,845		14,037	71,522	14,503	
2123 WOOD MANUFACTURES, NEC	24,809	19,685	3,045	214	1,865			
2124 FURNITURE AND FIXTURES	9,159	7,277	911	7	955			9
2125 PULP	483,310	21	270,138		91	173,068		
2126 STANDARD NEWSPRINT PAPER	15,316	545	7,144		3,011	4,616		
2127 PAPER AND PAPERBOARD	573,884	76,614	405,320		20,156	56,531	15,063	
2128 PULP AND PAPER PRODUCTS, NEC	57,773	732	7,419	12	2,832	44,719	11	1,546
2129 PRINTED MATTER	3,219	517	2,214		488			
2130 SODIUM HYDROXIDE	80,138				33	48,344	28,982	2,779
2131 CRUDE TAR, OIL, GAS PRODUCTS	216,886	11,783	16,791			36,887	148,911	2,594
2132 DYES, PIGMENT, TANNING MATS	130		128		2			
2133 ALCOHOLS	388,662	54,850	65,865	4,401	18,249	138,396	113,494	1,487
2134 RADIOACTIVE MATERIALS, WASTES	6,586	6,144	442					
2135 BENZENE AND TOLUENE	869,712	37,462	389		172	87,852	734,984	8,933
2136 SULPHURIC ACID	168,889					75,312	92,198	1,379
2137 BASIC CHEMICALS AND PROD, NEC	3,226,451	1,177,731	562,129	9,136	6,021	679,824	787,478	4,132
2138 PLASTIC MATERIALS	175,974	12,132	144,050	43	19,749			
2139 SYNTHETIC RUBBER	125,648	11,898	40,111		152		73,887	
2140 SYNTHETIC (MAY-MADE) FIBERS	4,166	65	4,093		8			
2141 DRUGS	12,485	5,726	4,421	2,148	550			
2142 SOAP	28,106	6,512	2,733	3,972	2,889			
2143 PAINTS	18,081	11,144	6,065		872			
2144 GUM AND WOOD CHEMICALS	6,900	461	6,424		18			
2145 VITROGENOUS CHEM FERTILIZERS	591,119	351,202	9,868			6,370	223,479	
2146 POTASSIC CHEM FERTILIZERS	130,219	79,071	7,419		92	16,329	27,388	
2147 PHOSPHATIC CHEM FERTILIZERS	378,030		18,538	82,086			277,486	
2148 INSECTICIDES, DISINFECTANTS	36,141	12,935	21,883		1,323			
2149 FERTILIZER AND MATERIALS, NEC	1,815,263	84	39,521	187,311	119	1,852	1,586,376	
2150 MISCELLANEOUS CHEMICAL PROD	158,770	32,200	81,595	14,853	1,670	25,240	3,357	851
2151 GASOLINE	4,333,084		8,649		1,981,875	693,301	1,453,239	
2152 JET FUEL	722,779		103,701		202,156	143,583	259,437	11,402
2153 KEROSENE	54,693		180,701		15,385	19,626	23,655	
2154 DISTILLATE FUEL OIL	2,829,916	387,767	180,404	10,658	362,742	555,744	1,188,516	230,085
2155 RESIDUAL FUEL OIL	10,831,057	305,019	459,611	89,449	1,501,756	4,979,687	1,676,021	1,819,514
2156 LUBRICATING OILS AND GREASES	877,228	140,982	203,019	55,050	6,853	260,913	179,641	24,770
2157 NAPHTHA, PETROLEUM SOLVENTS	561,532	94,761	259		791	174,484	282,186	89,131
2158 ASPHALT, TAR, AND BITUMENS	185,580	6,209	8,020		103	120,910	47,482	2,936
2159 COKE, PETROLEUM COKE	2,970,779	44,086	1,661,068		46	911,971	344,923	8,685
2160 LIQUEFIED GASES	921,776	11,563	694	51,548	28,243	789,536	121,493	2,705
2161 ASPHALT BUILDING MATERIALS	918		760		158			
2162 PETROLEUM AND COAL PROD, NEC	47,839	4,355	5,885	3,083	2,556	14,745	18,335	880
2163 RUBBER AND MISCELLANEOUS PROD	96,788	33,012	61,481	981	892	414		
2164 LEATHER AND LEATHER PRODUCTS	3,424	1,768	682	338	838			
2165 GLASS AND GLASS PRODUCTS	33,086	17,924	4,162	372	936	4,453	5,239	
2166 BUILDING CEMENT	437,067	343,351	529	6,219		77,593	7,015	450
2167 STRUCTURAL CLAY PRODUCTS	18,475	9,340	6,578		231		2,326	
2168 CEMENT	34,113					34,089		24
2169 CUT STONE AND STONE PRODUCTS	11,812	11,763	49					
2170 MISCELLANEOUS MINERAL PROD	104,163	9,857	7,575	192	659	85,443	437	
2171 PIG IRON	178,827	104,829	654				73,333	11
2172 SLAG	88,352					86,653	1,699	
2173 IRON AND STEEL PRIMARY FORMS	846,743	232,830	9,169			12,987	591,777	
2174 IRON, STEEL SHAPES, EXC SHEET	2,251,653	1,521,362	8,961		939	5,823	714,568	
2175 IRON AND STEEL PLATES, SHEETS	333,744	13,069	30,136		58	38,749	251,003	529
2176 IRON AND STEEL PIPE AND TUBE	502,983	246,579	6,223		133	10,815	211,125	28,188
2177 FERROALLOYS	1,301,556	728,278	55,624	2,008		26,167	489,479	
2178 IRON AND STEEL PRODUCTS, NEC	131,921	40,666	4,114		81	4,013	83,847	
2179 NONFERROUS METALS, NEC	21,626	4,839	4,353		96		12,738	
2180 COPPER ALLOYS, UNWORKED	99,734	60,959	2,809		254		35,216	496
2181 LEAD AND ZINC, UNWORKED	107,532	30,768	12,753			7,418	56,693	
2182 ALUMINUM AND ALLOYS, UNWORKED	262,862	206,069	3,262	1,100	897	410	51,124	
2183 FABRICATED METAL PRODUCTS	225,117	148,058	17,065	100	2,779	5,548	44,181	7,386
2184 MACHINERY, EXCEPT ELECTRICAL	252,565	103,775	70,125	1,849	1,252	20,259	53,735	1,570
2185 ELECTRICAL MACH AND EQUIP	74,472	44,781	15,087	1,519	898	59	12,091	37
2186 MOTOR VEHICLES, PARTS, EQUIP	92,238	65,387	17,377	290	385	1,987	6,830	22
2187 AIRCRAFT AND PARTS	138	54	84					
2188 SHIPS AND BOATS	3,759	879	2,872		1		7	
2189 MISCELLANEOUS TRANSPORTATION EQUIP	4,103	879	2,222		173	14	773	42
2190 INSTR, TIME, PHOTO, OPT GOODS	3,726	572	1,807	374	973			
2191 MISCELLANEOUS MANUFACTURED PRODUCTS	7,959	3,823	776	73	874	1,626	638	549
2192 IRON AND STEEL SCRAP	448,414	22,320	295,960			84,757	45,766	11
2193 NONFERROUS METAL SCRAP	111,369	71,481	28,674	217		10,997		

Waterborne Commerce of the United States, 1986

PORT OF NEW ORLEANS, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2,577	19	2,501	57				
4024 PAPER WASTE AND SCRAP-----	10,336		9,933	403				
4029 WASTE AND SCRAP, NEC-----	79,004			1,596	1,578	76,630		
4111 WATER-----	9,765				7,908	57		
4112 COMMODITIES, NEC-----	480,406	6,847	25,032	92,810	312,757	35,069		
4118 WATERWAY IMPROVEMENT MAT-----	1,244,371					1,237,171		
4119 EMPTY CONTAINERS-----	1,981					925		
9999 DEPARTMENT OF DEFENSE AND SCI-----	9,725		9,725			533		

PORT OF BATON ROUGE, LA.

SECTION INCLUDED: BOTH BANKS OF MISSISSIPPI RIVER FROM MILE 168 A.M.P. THROUGH MILE 253 A.M.P., INCLUDING THE BATON ROUGE BARGE CANAL FROM A POINT ON THE EAST BANK OF THE MISSISSIPPI RIVER AT MILE 234.5 A.M.P., FOR A DISTANCE OF 5 MILES. CONTROLLING DEPTH: 40 FEET TO MILE 233, 12 FEET BEYOND; 12 FEET IN BARGE CANAL. PROJECT DEPTH: 40 FEET TO MILE 232.5; 12 FEET BEYOND AND IN BARGE CANAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	70,008,229	1982-----	88,558,268
1978-----	74,570,106	1983-----	88,395,407
1979-----	76,703,422	1984-----	86,198,761
1980-----	79,346,780	1985-----	70,715,564
1981-----	72,044,690	1986-----	77,184,199

* PASSENGERS--101,220.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	77,184,199	8,755,623	15,417,765	7,416,424	3,858,054	18,365,776	22,264,046	1,106,511
0103 CORN-----	1,307,518		847,624		13,308	443,680	2,906	
0104 OATS-----	359,437	156,211	5,366		554	7,227	190,081	
0105 RICE-----	39,256		20,384			17,322	1,550	
0106 SORGHUM GRAINS-----	17,972					13,425	4,547	
0107 WHEAT-----	347,406		202,622			137,670	7,114	
0111 SOYBEANS-----	1,160,002		775,521			373,438	7,212	3,831
0119 JILSEEDS, NEC-----	14,431		6,914			7,517		
0129 FIELD CROPS, NEC-----	5							
0131 FRESH FRUITS-----	118		118					
0141 FRESH AND FROZEN VEGETABLES-----	7,056	18	7,038					
0191 MISCELLANEOUS FARM PRODUCTS-----	37		37					
0861 FOREST PRODUCTS, NEC-----	11	11						
0911 FRESH FISH, EXCEPT SHELLFISH-----	232					59		173
0912 SHELLFISH, EXCEPT PREPARED-----	6					4		4
0931 MARINE SHELLS, UNMANUFACTURED-----	10,383					9,000		1,383
1011 IRON ORE AND CONCENTRATES-----	2,584,423	1,465,629		16,509		2,400		1,099,605
1021 COPPER ORE AND CONCENTRATES-----	142,361		66,415			75,966		
1051 ALUMINUM ORES, CONCENTRATES-----	780,524	607,267						173,257
1061 MANGANESE ORES, CONCENTRATES-----	257,290	207,512	3,617					46,161
1091 NONFERROUS ORES, CONCENTRATES-----	225,305	79,818				4,129		141,358
1121 COAL AND LIGNITE-----	7,545,976		3,715,561			3,819,397		11,018
1311 CRUDE PETROLEUM-----	10,438,457	1,604,948		5,591,877		1,760,977		1,469,238
1411 LIMESTONE-----	82,833					82,833		
1482 SAND, GRAVEL, CRUSHED ROCK-----	1,269,363	10,945				1,202,079		56,900
1451 CLAY-----	162,642	123,850	5,624					33,168
1471 PHOSPHATE ROCK-----	614,356	398,944	110	215,302				
1479 NATURAL FERTILIZER MATS, NEC-----	6,243							6,243
1492 SULPHUR, DRY-----	26		26					
1493 SULPHUR, LIQUID-----	157,629					157,629		
1494 GYPSUM, CRUDE AND PLASTERS-----	233,179	90,783						141,396
1499 NONMETALLIC MINERALS, NEC-----	797,546	151,293	7,618			276,171		362,464
2012 MEAT AND PRODUCTS, NEC-----	25	24	1					
2014 TALLOW, ANIMAL FATS AND OILS-----	27,211		27,211					
2031 FISH AND SHELLFISH, PREPARED-----	1	1						
2054 VEGETABLES AND PREP, NEC-----	381	20	361					
2059 PREP FRUIT AND VEG JUICE, NEC-----	266	69	197					
2061 WHEAT FLOUR AND SEMOLINA-----	21,613		18,349					3,244
2062 ANIMAL FEEDS-----	4,960,069	3,630	2,581,012		6,744	2,362,132		5,640
2049 GRAIN MILL PRODUCTS, NEC-----	3,397,980	8	1,684,985		21,864	1,686,795		4,328
2062 MOLASSES-----	326,201	190,373				2,900		132,928
2081 ALCOHOLIC BEVERAGES-----	174	174						
2091 VEGETABLE OILS, MARG, SHORT-----	20,817	547	18,020			1,430		820
2092 ANIMAL OILS AND FATS, NEC-----	26,044		26,044					
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,691	13	1,078			600		
2211 BASIC TEXTILE PRODUCTS-----	198	197	1					
2212 TEXTILE FIBERS, NEC-----	2,306	2,306						
2311 APPAREL-----	6							
2421 LUMBER-----	3,306	3,306	202					
2431 VENEER, PLYWOOD, WORKED WOOD-----	6,194	794	4,574					824
2491 FOOD MANUFACTURES, NEC-----	22	4	18					
2511 FURNITURE AND FIXTURES-----	6	6						
2611 PULP-----	271,056		263,567					7,489

NEW ORLEANS, LA, DISTRICT

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PORT OF BATON ROUGE, LA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE			INTERNAL
				RECEIPTS	SHIPMENTS		
2621 STANDARD NEWSPRINT PAPER-----	15,305	5,628				9,677	
2651 PAPER AND PAPERBOARD-----	32,306	1,780	29,275				1,251
2691 PULP AND PAPER PRODUCTS, NEC-----	1,738	2	1,736				
2711 PRINTED MATTER-----	3	3					
2810 SODIUM HYDROXIDE-----	1,552,933			192,072	101,305	1,167,177	92,379
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	33,030	2,072	8,125		7,262	15,571	
2813 ALCOHOLS-----	1,321,522	47,911	114,017	123,869	66,544	877,863	91,318
2817 BENZENE AND TOLUENE-----	1,068,055	24,312		18,527	498,654	404,710	121,852
2818 SULPHURIC ACID-----	602,998				199,128	334,175	69,695
2819 BASIC CHEMICALS AND PROD, NEC-----	5,716,877	800,257	1,280,190		109,554	911,481	2,554,506
2821 PLASTIC MATERIALS-----	476	53	423				
2822 SYNTHETIC RUBBER-----	5	1	4				
2831 DRUGS-----	21	21					
2851 PAINTS-----	7,261	7,261					
2871 NITROGENOUS CHEM FERTILIZERS-----	4,138,473	1,082,523	337,912	4,500	63,464	95,607	2,517,246
2872 POTASSIC CHEM FERTILIZERS-----	234,819	104,279	6,256			21,276	99,432
2873 PHOSPHATIC CHEM FERTILIZERS-----	573,802		19,783	275,970		11,780	266,269
2876 INSECTICIDES, DISINFECTANTS-----	33		33				
2879 FERTILIZER AND MATERIALS, NEC-----	2,672,447		636,882	920,466		44,806	1,045,630
2891 MISCELLANEOUS CHEMICAL PROD-----	73,197	6,328	1,005			5,042	68,822
2911 GASOLINE-----	3,343,381		22,417		393,828	343,824	2,545,587
2912 JET FUEL-----	714,998		18,043		90,050	86,420	505,771
2913 KEROSENE-----	281,745	99,901	34,796	133,625		5,666	7,737
2914 DISTILLATE FUEL OIL-----	3,268,927	50,682	221,648	34,583	2,014,139	248,470	686,899
2915 RESIDUAL FUEL OIL-----	4,571,673	38,022	465,237	98,000	438,356	649,074	2,852,750
2916 LUBRICATING OILS AND GREASES-----	1,005,982		350,594		336,990	179,656	137,529
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,387,105	94,979		69,303		846,368	312,836
2918 ASPHALT, TAR, AND BITUMENS-----	412,540	612	54,548		7,581	123,149	207,941
2920 COKE, PETROLEUM COKE-----	2,386,259	203,968	720,333			192,636	818,791
2921 LIQUEFIED GASES-----	23,709		108			5,714	17,887
2991 PETROLEUM AND COAL PROD, NEC-----	111,047		60	37,762	10,813	50,918	11,494
3011 RUBBER AND MISC PLASTIC PROD-----	4	56					
3111 LEATHER AND LEATHER PRODUCTS-----	4	4					
3211 GLASS AND GLASS PRODUCTS-----	4,939	4,939					
3241 BUILDING CEMENT-----	1,144,311	645,406				136,464	362,361
3251 STRUCTURAL CLAY PRODUCTS-----	1,390					1,390	
3271 LIME-----	38,140					38,140	
3281 CUT STONE AND STONE PRODUCTS-----	52	52					
3291 MISC NONMETALLIC MINERAL PROD-----	1,424		17				1,407
3311 PIG IRON-----	82,960	38,997	4,602			3,015	36,346
3312 SLAG-----	8,582						8,582
3314 IRON AND STEEL PRIMARY FORMS-----	25,440		1,102				24,338
3315 IRON, STEEL SHAPES, EXC SHEET-----	8,982	8,982					
3316 IRON AND STEEL PLATES, SHEETS-----	7,471	2,972	118			2,990	1,391
3317 IRON AND STEEL PIPE AND TUBE-----	44,366	42,753				540	1,073
3318 FERROALLOYS-----	448,834	168,732				1,013	279,089
3319 IRON AND STEEL PRODUCTS, NEC-----	3,426	97			944	2,385	
3322 COPPER ALLOYS, UNWORKED-----	3	3					
3323 LEAD AND ZINC, UNWORKED-----	9,905	3,310					6,595
3324 ALUMINUM AND ALLOYS, UNWORKED-----	191,811	114,842	1,121			75,648	
3411 FABRICATED METAL PRODUCTS-----	64,289	427	24			3,836	60,002
3511 MACHINERY, EXCEPT ELECTRICAL-----	15,452	600	348			1,742	12,762
3611 ELECTRICAL MACH AND EQUIP-----	437	372	65				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	56	19	37				
3731 SHIPS AND BOATS-----	16					16	
3791 MISC TRANSPORTATION EQUIPMENT-----	21		21				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5	4	1				
3911 MISC MANUFACTURED PRODUCTS-----	28	28					
4011 IRON AND STEEL SCRAP-----	1,614,246		793,526			808,291	12,429
4012 NONFERROUS METAL SCRAP-----	54,281	47,438	2,319			4,524	
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3		3				
4024 PAPER WASTE AND SCRAP-----	39		39				
4029 WASTE AND SCRAP, NEC-----	25,278					4,061	21,217
4111 WATER-----	1,200					1,200	
4112 COMMODITIES, NEC-----	8,195	8,161	34				
4118 WATERWAY IMPROVEMENT MAT-----	210,274					208,824	1,450

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
AMITE RIVER AND BAYOU MANCHAC, LA,-----	NO COMMERCE REPORTED			
BAYOU BONFOUCA, LA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	22		
	0931 MARINE SHELLS, UNMANUFACTURED-----	16,600		
	1121 COAL AND LIGNITE-----	7,193		
	3291 MISC. NONMETALLIC MINERAL PROD-----	750		
	4011 IRON AND STEEL SCRAP-----	100		
	TOTAL-----	24,665	207,599	
BAYOU DUPRE, LA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	270		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,484		
	2911 GASOLINE-----	68,026		
	2913 KEROSENE-----	1,148		
	2921 LIQUEFIED GASES-----	84,200		
	TOTAL-----	115,128	126,240	
BAYOU GROSSE TETE, LA,-----	NO COMMERCE REPORTED			
BAYOU LACOMBE, LA,-----	NO COMMERCE REPORTED			
BAYOU PLAQUEMINE BRULE, LA,-----	1311 CRUDE PETROLEUM-----	2,451	46,569	
BAYOU SEGNETTE WATERWAY, LA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	101		
	0912 SHELLFISH, EXCEPT PREPARED-----	673		
	1311 CRUDE PETROLEUM-----	3,063		
	TOTAL-----	3,837	28,278	
BAYOU TERREBONNE, LA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	122		
	0912 SHELLFISH, EXCEPT PREPARED-----	6,235		
	1061 MANGANESE ORES, CONCENTRATES-----	6,612		
	1311 CRUDE PETROLEUM-----	131,693		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	5,000		
	2095 ICE-----	14,000		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	15,376		
	3241 BUILDING CEMENT-----	97		
	3317 IRON AND STEEL PIPE AND TUBE-----	947		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	6		
	3611 ELECTRICAL, MACH AND EQUIP-----	3		
	3731 SHIPS AND BOATS-----	30		
	4111 WATER-----	1,051		
	TOTAL-----	181,172	4,024,044	
BAYOUS LA LOUTRE, ST. MALO, AND YBCLOBKEY, LA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,432		
	0912 SHELLFISH, EXCEPT PREPARED-----	13,351		
	0931 MARINE SHELLS, UNMANUFACTURED-----	1,700		
	1451 CLAY-----	1,756		
	1499 NONMETALLIC MINERALS, NEC-----	1,050		
	2094 GROCERIES-----	1		
	2914 DISTILLATE FUEL OIL-----	974		
	3241 BUILDING CEMENT-----	113		
	3317 IRON AND STEEL PIPE AND TUBE-----	301		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	16,637		
	3911 MISC MANUFACTURED PRODUCTS-----	21		
	4112 COMMODITIES, NEC-----	65		
	TOTAL-----	39,201	151,851	
BIG PIGEON AND LITTLE PIGEON BAYOUS, LA,-----	1311 CRUDE PETROLEUM-----	217,118		
	1451 CLAY-----	151		
	2914 DISTILLATE FUEL OIL-----	4,831		
	3241 BUILDING CEMENT-----	464		
	TOTAL-----	222,164	1,777,312	
CHEFUNCTE AND BOGUE FALIA RIVERS, LA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	22		
	0931 MARINE SHELLS, UNMANUFACTURED-----	10,000		
	TOTAL-----	10,022	20,044	
CYPRESS BAYOU AND WATERWAY BETWEEN JEFFERSON, TEX., AND SHREVEPORT, LA,-----	NO COMMERCE REPORTED			
FRANKLIN CANAL, LA. (GULF INTRACOASTAL WATERWAY)-----	NO COMMERCE REPORTED			
PASS MANCHAC, LA,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	57,600		
	1311 CRUDE PETROLEUM-----	18,466		
	1411 LIMESTONE-----	1,562		
	1451 CLAY-----	457		
	2091 VEGETABLE OILS, MARG, SHORT-----	7,005		
	2094 GROCERIES-----	38		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	558		
	2879 FERTILIZER AND MATERIALS, NEC-----	1,437		
	2914 DISTILLATE FUEL OIL-----	53		
	3241 BUILDING CEMENT-----	897		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	37		
	3911 MISC MANUFACTURED PRODUCTS-----	10		
	TOTAL-----	88,120	542,381	
TICKFAM, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA,-----	NO COMMERCE REPORTED			
VINTON WATERWAY, LA,-----	NO COMMERCE REPORTED			

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
NONPROJECT				
LAKE PONTCHARTRAIN, LA.	0011 FRESH FISH, EXCEPT SHELLFISH	77		
	0012 SHELLFISH, EXCEPT PREPARED	1,426		
	0031 MARINE SMELLS, UNMANUFACTURED	1,696,656		
	1121 COAL AND LIGNITE	7,193		
	1311 CRUDE PETROLEUM	23,899		
	1411 LIMESTONE	1,562		
	1451 CLAY	457		
	2091 VEGETABLE OILS, MARG, SHORT	7,005		
	2094 GROCERIES	36		
	2431 VENEER, PLYWOOD, WORKED WOOD	556		
	2819 BASIC CHEMICALS AND PROD, NEC	16		
	2879 FERTILIZER AND MATERIALS, NEC	1,437		
	2914 DISTILLATE FUEL OIL	116		
	3241 BUILDING CEMENT	1,449		
	3291 MISC NONMETALLIC MINERAL PROD	10,697		
	3411 FABRICATED METAL PRODUCTS	17		
	3511 MACHINERY, EXCEPT ELECTRICAL	1,177		
	3911 MISC MANUFACTURED PRODUCTS	51		
	4011 IRON AND STEEL SCRAP	189		
	6118 WATERWAY IMPROVEMENT MAT	139,199		
	TOTAL	1,893,027	39,753,567	

Waterborne Commerce of the United States, 1986

SUMMARY OF TRAFFIC, SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.) PG NO 001
(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC				LOCAL	*THROUGH TRAFFIC
		IMPORTS	EXPORTS	COASTWISE		INTERNAL			
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
BEAUMONT, TEX.	27,453,660	4,615,077	3,392,164	3,229,010	3,030,813	7,034,723	5,093,039	250,834	
ORANGE, TEX.	661,370		8,739			585,490	67,341		
PORT ARTHUR, TEX.	18,879,346	6,541,410	2,928,947	121,180	2,047,697	1,160,551	3,642,361	37,280	
SABINE PASS HARBOR, TEX.	389,292	8	32,284	65,230		27,857	259,815		
SABINE-NECHES WATERWAY	29,126,253					348,762	3,610		28,773,861
TOTAL	76,506,231	13,156,495	5,962,134	3,415,340	5,086,710	9,957,303	9,066,166	288,114	28,773,861
ADJUSTMENT FOR LOCAL TRAFFIC**	-562,954					-562,954	-562,954	562,954	
GRAND TOTAL ALL TRAFFIC	75,943,277	13,156,495	5,962,134	3,415,340	5,086,710	9,394,429	8,503,212	851,068	28,773,861
TOTAL TONNAGE THROUGH JETTIES AT SABINE PASS, TEX.	27,894,988								

* INTERNAL TRAFFIC MOVED TO AND FROM POINTS EAST OF LOUISIANA-TEXAS BOUNDARY TO POINTS WEST OF THE SABINE-NECHES RIVER
** INTERNAL TRAFFIC MOVED BETWEEN THE SEVERAL PORTS LOCATED ON THE SABINE-NECHES WATERWAY, WHILE TREATED AS RECEIPTS AND SHIPMENTS AT THE SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

ORANGE, TEX. (SABINE RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH, NECHES RIVER TO MOUTH, SABINE RIVER, THENCE UPSTREAM TO OLD U. S. HIGHWAY 90, ABOUT 16 MILES; ADAMS BAYOU, 2.0 MILE; COM BAYOU, 7.0 MILES. CONTROLLING DEPTH: 30 FEET EXCEPT CHANNEL AROUND ORANGE HARBOR ISLAND, 25 FEET; ADAMS BAYOU, 9 FEET; COM BAYOU, 11 FEET. PROJECT DEPTH: 30 FEET TO OLD U. S. HIGHWAY 90; 25 FEET AROUND HARBOR ISLAND; ADAMS BAYOU, 12 FEET; COM BAYOU, 13 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,003,331	1982	279,720
1978	513,009	1983	399,092
1979	631,694	1984	452,468
1980	567,137	1985	648,350
1981	484,942	1986	661,570

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	661,570	8,739	585,490	67,341
0105 RICE	478	478		
0107 WHEAT	7,706	7,706		
0931 MARINE SHHELLS, UNMANUFACTURED	6,750		6,750	
1311 CRUDE PETROLEUM	13,176			13,176
1411 LIMESTONE	24,940		23,600	1,340
1442 SAND, GRAVEL, CRUSHED ROCK	23,260		23,260	
1490 GYPSUM, CRUDE AND PLASTERS	9,188		9,188	
2049 GRAIN MILL PRODUCTS, NEC	9,596	556		9,040
2099 MISCELLANEOUS FOOD PRODUCTS	2,870			2,870
2211 BASIC TEXTILE PRODUCTS	2	2		
2431 VENEER, PLYWOOD, WORKED WOOD	830			830
2819 BASIC CHEMICALS AND PROD, NEC	275,184		275,184	
2915 RESIDUAL FUEL OIL	102,290		102,290	
2917 NAPHTHA, PETROLEUM SOLVENTS	1,343			1,343
2991 PETROLEUM AND COAL PROD, NEC	28,342			28,342
3241 BUILDING CEMENT	143,381		143,381	
3315 IRON, STEEL SHAPES, EXC SHEET	2,637		1,837	800
3316 IRON AND STEEL PLATES, SHEETS	9,600			9,600

BEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH TO BETHLEHEM STEEL COMPANY, ABOUT 20 MILES. CONTROLLING DEPTH: 40 FEET MOUTH TO TURNING BASIN; 40 FEET IN BEAUMONT TURNING BASIN; 35 FEET, TO BETHLEHEM STEEL COMPANY. PROJECT DEPTH: 40 FEET TO BEAUMONT TURNING BASIN; 34 FEET IN TURNING BASIN; 30 FEET TO BETHLEHEM STEEL SHIPYARD, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	48,918,843	15	1982	33,286,791	
1978	52,770,276	2	1983	36,001,675	
1979	59,136,896		1984	33,004,372	
1980	52,269,728		1985	26,842,008	36,684
1981	40,358,920		1986	27,453,660	

GALVESTON, TX, DISTRICT

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NEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	CHRYSTIE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	27,453,660	4,615,077	3,392,164	3,289,010	3,010,455	7,020,723	5,492,039	250,634
0105 RICE	556		146				410	
0107 WHEAT	2,312,213		2,311,403				410	
0111 SOYBEANS	254,364		243,062				10,902	
0133 COFFEE	217		217					
0861 FOREST PRODUCTS, NEC	1,429		1,429					
0931 MARINE SHELLS, UNMANUFACTURED	187,660					187,660		
1061 MANGANESE DRES, CONCENTRATES	3,135					3,135		
1311 CRUDE PETROLEUM, CONCENTRATES	12,312,413	4,325,200		2,900,693	424,750	3,990,257	417,042	5,362
1411 LIMESTONE	10,593					10,593		
1442 SAND, GRAVEL, CRUSHED ROCK	85,323					85,323		
1451 CLAY	1,338							
1492 SULPHUR, DRY	68,577							
1493 SULPHUR, LIQUID	492,477					492,477		
1499 NONMETALLIC MINERALS, NEC	32,434					30,419		
2022 DRIED MILK AND CREAM	5,886		2,015					
2041 WHEAT FLOUR AND SEMOLINA	442,089		437,959				4,130	
2042 ANIMAL FEEDS	7,708	7,708						
2049 GRAIN MILL PRODUCTS, NEC	26,670		8,790				17,880	
2062 MOLASSES	2,937					2,937		
2099 MISCELLANEOUS FOOD PRODUCTS	8,510		9,271				3,247	
2211 BASIC TEXTILE PRODUCTS	26		26					
2421 LUMBER	17,624	14,309	3,315					
2431 VENEER, PLYWOOD, WORKED WOOD	108		108					
2511 FURNITURE AND FIXTURES	15	15						
2631 PAPER AND PAPERBOARD	2,702		2,702					
2810 SODIUM HYDROXIDE	58,627					53,112	5,515	
2811 CRUDE TAR, OILY GAS PRODUCTS	127,717					5,643	120,688	1,386
2813 ALCOHOLS	667,707				100,185	61,882	496,545	7,095
2817 BENZENE AND TOLUENE	555,696	13,264				135,501	372,682	34,249
2818 SULPHURIC ACID	119,855					37,855	62,400	19,600
2819 BASIC CHEMICALS AND PROD, NEC	698,152	73,323	22,581			314,732	287,516	
2821 PLASTIC MATERIALS	248		248					
2823 SYNTHETIC (MAN-MADE) FIBERS	19		19					
2841 SOAP	1,092		1,092					
2841 GUM AND WOOD CHEMICALS	29		29					
2879 FERTILIZER AND MATERIALS, NEC	17,274			17,274				
2891 MISCELLANEOUS CHEMICAL PROD	88,332	6,349	8,420		73,501		4,062	
2911 GASOLINE	2,424,475	12,643	2,491	39,337	740,549	1,215,225	399,543	14,187
2912 JET FUEL	502,196	12,222			125,432	41,431	323,111	
2913 KEROSENE	14,478				8,790		5,688	
2914 DISTILLATE FUEL OIL	1,542,265		64,667	31,472	509,101	485,224	434,179	17,622
2915 RESIDUAL FUEL OIL	1,608,744			58,919	153,225	303,172	1,093,428	
2916 LUBRICATING OILS AND GREASES	542,920	13,780	101,368	89,507	45,618	63,249	227,847	1,951
2917 NAPHTHA, PETROLEUM SOLVENTS	997,643	129,753			278,857	250,548	195,395	143,090
2918 ASPHALT, TAR, AND PITCHES	206,261		48		73,093		133,120	
2920 COKE, PETROLEUM COKE	93,615		92,310				1,305	
2921 LIQUEFIED GASES	11,372					1,826	9,546	
2991 PETROLEUM AND COAL PROD, NEC	98,362		76	11,808		19,110	60,676	6,692
3011 RUBBER AND MISC PLASTIC PROD	318		318					
3251 STRUCTURAL CLAY PRODUCTS	203		203					
3291 MISC NONMETALLIC MINERAL PROD	478		478					
3312 SLAG	4,652						4,652	
3314 IRON AND STEEL, PRIMARY FORMS	16,747	3,172				1,418	12,157	
3315 IRON, STEEL SHAPES, EXC SHEET	125,526		156			15,675	109,695	
3316 IRON AND STEEL PLATES, SHEETS	10,554		33			2,437	8,084	
3317 IRON AND STEEL PIPE AND TUBE	303		303					
3318 FERROALLOYS	4,392					4,392		
3319 IRON AND STEEL PRODUCTS, NEC	820		46				774	
3322 COPPER ALLOYS, UNWORKED	52		52					
3411 FABRICATED METAL PRODUCTS	2,490	30	2,158		310			
3511 MACHINERY, EXCEPT ELECTRICAL	6,978	60	5,518				1,400	
3611 ELECTRICAL MACH AND EQUIP	53		53					
3711 MOTOR VEHICLES, PARTS, EQUIP	1,104		1,104					
3791 MISC TRANSPORTATION EQUIPMENT	66		66					
4011 IRON AND STEEL SCRAP	543,507					539,646	3,861	
4029 WASTE AND SCRAP, NEC	78,031					12,916	61,894	
4112 COMMODITIES, NEC	3,268	1,603	10				1,655	

PORT ARTHUR, TEX. (PART OF WATERWAY)

SECTION INCLUDED: SABINE PASS HARBOR, TEX., TO NECHES RIVER, ABOUT 20 MILES. CONTROLLING DEPTH: 41 FEET. PROJECT DEPTH: 40 FEET, NEAR LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	30,753,732	50	1982	19,945,958	
1978	33,474,523		1983	18,338,237	
1979	32,773,346		1984	16,430,360	
1980	29,796,633		1985	15,754,931	
1981	26,037,529		1986	18,879,546	

Waterborne Commerce of the United States, 1986

PORT ARTHUR, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	18,879,546	8,541,410	2,528,947	121,100	2,847,897	1,160,551	3,642,361	37,200
0105 RICE-----	21,802						21,802	
0107 WHEAT-----	168,571		168,571					
0111 SOYBEANS-----	6,628		5,046				1,582	
0141 FRESH AND FROZEN VEGETABLES-----	576	19	557					
0933 MARINE SMELLS, UNMANUFACTURED-----	68,700					68,700		
1121 COAL AND LIGNITE-----	6,109						6,109	
1311 CRUDE PETROLEUM-----	7,357,687	7,171,557		10,446		155,654	20,030	
1411 LIMESTONE-----	16,072					16,072		
1451 CLAY-----	5,721		5,721					
1499 NONMETALLIC MINERALS, NEC-----	4,761					4,761		
2011 MEAT, FRESH, CHILLED, FROZEN-----	74		74					
2022 DRIED MILK AND CREAM-----	394		394					
2051 FISH AND SHELLFISH, PREPARED-----	41	41						
2041 WHEAT FLOUR AND SEMOLINA-----	29,522		29,522					
2042 ANIMAL FEEDS-----	16,571	31,153				2,527	2,891	
2049 GRAIN MILL PRODUCTS, NEC-----	18,737	133	18,194				410	
2099 MISCELLANEOUS FOOD PRODUCTS-----	48,496		37,982			10,514		
3211 BASIC TEXTILE PRODUCTS-----	80		80					
2421 LUMBER-----	5,468	5,073	98		293			
2431 VENEER, PLYWOOD, WORKED WOOD-----	23,579	180	1,482		3,269		18,648	
2491 WOOD MANUFACTURES, NEC-----	6,454		6,454					
3511 FURNITURE AND FIXTURES-----	1		1					
2621 STANDARD NEWSPRINT PAPER-----	12,354	7,935	4,419					
2631 PAPER AND PAPERBOARD-----	110,426	1,000	108,062		1,364			
2691 PULP AND PAPER PRODUCTS, NEC-----	98		98					
2810 SODIUM HYDROXIDE-----	16,429					16,429		
2817 BENZENE AND TOLUENE-----	268,043	10,495		15,800		33,401	204,306	1,541
2819 BASIC CHEMICALS AND PROD, NEC-----	857,126	32,427	332,002		6,923	2,602	483,172	
2821 PLASTIC MATERIALS-----	1,182		1,182					
2861 SOAP-----	92		92					
2861 GUM AND WOOD CHEMICALS-----	96		96					
2891 MISCELLANEOUS CHEMICAL PROD-----	2,152	1,457			599			
2911 GASOLINE-----	1,925,269	34,690	36,310	109	1,418,318	329,004	106,838	
2912 JET FUEL-----	562,659	27,785	107,766		207,860		219,248	
2913 KEROSENE-----	28,299		3,469		24,430			
2914 DISTILLATE FUEL OIL-----	1,150,348	32,675	321,370	60,269	474,702	83,573	177,759	
2915 RESIDUAL FUEL OIL-----	2,778,565	163,678	281,833	11,108	267,802	213,977	1,802,428	35,739
2916 LUBRICATING OILS AND GREASES-----	807,888		133,085		441,806	1,400	231,555	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	908,701	730,198		23,368		136,619	18,516	
2918 ASPHALT, TAR, AND PITCHES-----	2,578		2,578					
2920 COKE, PETROLEUM COKE-----	1,155,571	20,249	918,271			58,940	158,111	
2991 PETROLEUM AND COAL PROD, NEC-----	55,762				475	11,464	43,823	
5011 RUBBER AND MISC PLASTIC PROD-----	1		1					
3241 BUILDING CEMENT-----	296,916	185,748					111,168	
3271 CEMENT-----	5,834					5,834		
3291 MISC NONMETALLIC MINERAL PROD-----	370		370					
3310 IRON AND STEEL, PRIMARY FORMS-----	91,369	84,211				5,560	1,598	
3315 IRON, STEEL SHAPES, EXC SHEET-----	9,187	53			56	2,397	6,681	
3316 IRON AND STEEL PLATES, SHEETS-----	654		32			622		
3317 IRON AND STEEL PIPE AND TUBE-----	2		2					
3411 FABRICATED METAL PRODUCTS-----	34	11	23					
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,216	17	2,199					
3611 ELECTRICAL MACH AND EQUIP-----	4		4					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	71		71					
3731 SHIPS AND BOATS-----	1		1					
3791 MISC TRANSPORTATION EQUIPMENT-----	7		7					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	24		24					
3911 MISC MANUFACTURED PRODUCTS-----	57		5				52	
4011 IRON AND STEEL SCRAP-----	34	34						
4929 WASTE AND SCRAP, NEC-----	6,135					501	5,634	
4112 COMMODITIES, NEC-----	94	91	3					

SABINE PASS HARBOR, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO UPPER END OF SABINE PASS, ABOUT 28.4 MILES. CONTROLLING: 38 FEET, PROJECT DEPTH: 40-42, FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	882,692	1982-----	1,164,632
1978-----	531,491	1983-----	605,108
1979-----	867,813	1984-----	605,050
1980-----	949,404	1985-----	547,160
1981-----	1,063,238	1986-----	385,202

GALVESTON, TX, DISTRICT

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SABINE PASS HARBOR, TEX. (PART OF WATERWAY)--CONTINUED
 FREIGHT TRAFFIC, 1986
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL	385,202	8	32,284	65,238	27,857	259,815
0107 WHEAT	31,712		31,712			
0161 ANIMALS AND PRODUCTS, NEC	551		551			
1311 CRUDE PETROLEUM	299,862			65,238	10,395	224,229
1402 SAND, GRAVEL, CRUSHED ROCK	80					80
1451 CLAY	3,996				3,391	605
1499 NONMETALLIC MINERALS, NEC	1,890				890	1,000
2011 MEAT, FRESH, CHILLED, FROZEN	20		20			
2511 FURNITURE AND FIXTURES	8		8			
2819 BASIC CHEMICALS AND PROD, NEC	389					389
2912 JET FUEL	2,631					2,631
2914 DISTILLATE FUEL OIL	6,364				2,406	3,958
3011 RUBBER AND MISC PLASTIC PROD	1		1			
3201 BUILDING CEMENT	443				150	293
3317 IRON AND STEEL PIPE AND TUBE	2,287				675	1,612
3511 MACHINERY, EXCEPT ELECTRICAL	3,980				1,365	2,575
3911 MISC MANUFACTURED PRODUCTS	795				268	527
4029 WASTE AND SCRAP, NEC	1,314				1,314	
4111 WATER	28,393				6,857	21,536
4112 COMMODITIES, NEC	526				146	380

CEDAR BAYOU, TEX.

SECTION INCLUDED: HOUSTON SHIP CHANNEL, TEX., TO LOCATION 13.5 MILES UPSTREAM; CONTROLLING DEPTHS: 7 FEET TO MILE 3.5 AND 10 FEET TO MILE 11.0. PROJECT DEPTHS: 10 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	430,322	1982	404,816
1978	431,047	1983	454,993
1979	361,179	1984	391,946
1980	328,513	1985	218,008
1981	231,485	1986	275,900

FREIGHT TRAFFIC, 1986

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	275,900	245,125	30,775
1411 Limestone	1,414	1,414	
1402 SAND, GRAVEL, CRUSHED ROCK	21,627	21,627	
2810 SODIUM HYDROXIDE	51,921	51,921	
2817 BENZENE AND TOLUENE	32,534	32,534	
2819 BASIC CHEMICALS AND PROD, NEC	48,656	48,656	
2917 NAPHTHA, PETROLEUM SOLVENTS	1,350	1,350	
3312 SLAC	1,400		1,400
3310 IRON AND STEEL PRIMARY FORMS	5,449	2,800	2,649
3316 IRON AND STEEL PLATES, SHEETS	23,634		23,634
3310 FERROALLOYS	2,800	2,800	
4011 IRON AND STEEL SCRAP	85,115	82,023	3,092
TOTAL TON-MILES,	927,392.		

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO HOUSTON TURNING BASIN, 52 MILES; LIGHT DRAFT EXTENSION, 5.2 MILES; TURKEY BEND CHANNEL, 0.8 MILES; GOOSE CREEK, 3.3 MILES; BARBOUR TERMINAL CHANNEL, 1.7 MILES; FIVE MILE CUT CHANNEL, 1.9 MILES; BAYPORT CHANNEL, 4.7 MILES AND GREEN BAYOU, 1.6 MILES. CONTROLLING DEPTHS: 30 FEET TO SOUTHERN PACIFIC SLIP; 30 FEET THROUGH TURNING BASIN; LIGHT DRAFT EXTENSION, 6.0 FEET; TURKEY BEND CHANNEL, 8 FEET; BARBOUR TERMINAL CHANNEL PRIVATELY MAINTAINED, 42 FEET; FIVE MILE CUT, 6 FEET; AND GREEN BAYOU; 31 FEET TO MILE 0.34 AND 13 FEET TO MILE 1.6. PROJECT DEPTHS: 40 FEET TO SOUTHERN PACIFIC SLIP; 36 FEET THROUGH TURNING BASIN; 10 FEET IN EXTENSION AND BRANCH; 16 FEET IN BARBOUR TERMINAL CHANNEL; 8 FEET IN FIVE MILE CUT CHANNEL; NONE IN GOOSE CREEK AND BAYPORT CHANNELS; 36 FEET TO MILE 0.37 AND 15 FEET TO MILE 1.65 IN GREEN BAYOU, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	104,291,267	640	1982	94,649,549	
1978	111,936,099	505	1983	88,706,519	
1979	117,550,908		1984	96,777,619	
1980	108,937,268		1985	90,689,189	
1981	100,966,741		1986	101,699,066	338

Waterborne Commerce of the United States, 1986

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	101,659,064	31,523,163	18,310,962	3,943,385	8,530,429	17,451,023	14,114,491	7,785,611
0101 COTTON, RAW	95,408		95,408					
0103 CORN	297,329		297,673					1,656
0104 OATS	69,466		280			67,538		1,648
0105 RICE	813,301	1,043	735,997			69,671		6,670
0106 SORGHUM GRAINS	691,750		652,170			32,151		7,429
0107 WHEAT	4,588,676		4,523,268		36,233	7,469		21,706
0111 SOYBEANS	89,599		75,978					13,621
0119 OILSEEDS, NEC	18,394	1,246	17,148					
0121 TOBACCO, LEAF	949	938		11				
0129 FIELD CROPS, NEC	7,921	5,307	2,614					
0131 FRESH FRUITS	15,131	1,083	14,048					
0132 BANANAS AND PLANTAINS	1,293	1,276	17					
0133 COFFEE	68,945	64,095	4,715	135				
0134 COCOA BEANS	1,468	100	1,368					
0141 FRESH AND FROZEN VEGETABLES	17,790	650	17,140					
0154 LIVE ANIMALS	75		75					
0161 ANIMALS AND PRODUCTS, NEC	29,035	6,830	22,205					
0191 MISCELLANEOUS FARM PRODUCTS	1,791	1,260	491	20				
9041 CRUDE RUBBER AND ALLIED GUMS	30,703	30,458	63		262			
9061 FOREST PRODUCTS, NEC	13,000	8,471	4,529					
0911 FRESH FISH, EXCEPT SHELLFISH	1,324	253	1,071					
0912 SHELLFISH, EXCEPT PREPARED	1,073	210	863					
0934 MARINE SHELLS, UNMANUFACTURED	78,012	17	6			77,889		
1011 IRON ORE AND CONCENTRATES	17	17						
1021 COPPER ORE AND CONCENTRATES	21	21						
1034 ALUMINUM ORES, CONCENTRATES	9,992	6,942	2,930					
1041 MANGANESE ORES, CONCENTRATES	14,910					14,910		
1091 NONFERROUS ORES, CONCENT, NEC	29,638	6,650	18,661				2,307	
1121 COAL AND LIGNITE	56,858	76	2,019			54,763		
1311 CRUDE PETROLEUM	19,616,537	15,142,543		2,710,891	57,697	1,299,203	309,348	96,855
1411 LimestONE	103,592	44,867				4,700	52,895	3,930
1412 BUILDING STONE, UNWORKED	2,872		2,872					
1442 SAND, GRAVEL, CRUSHED ROCK	680,568	124,921	17,347			195,004	24,059	319,237
1451 CLAY	118,801	75,138	35,472				191	
1473 PHOSPHATE ROCK	597,089		550	596,539				
1479 NATURAL FERTILIZER MATS, NEC	3,637	3,637						
1492 SULPHUR, DRY	327,361		328,350					3,011
1493 SULPHUR, LIQUID	279,336					25,012	195,201	59,123
1494 GYPSUM, CRUDE AND PLASTER	119,373	115,679	3,694					
1499 NONMETALLIC MINERALS, NEC	109,925	30,937	11,375	15	138	6,557	60,903	
0912 ORNANCE AND ACCESSORIES	762	727	35					
2011 MEAT, FRESH, CHILLED, FROZEN	28,184	8,877	19,267					
2012 MEAT AND PRODUCTS, NEC	28,310	28,058	252					
2014 TALLOW, ANIMAL FATS AND OILS	439,121		425,901			11,842		1,378
2015 ANIMAL BY-PRODUCTS, NEC	67,078	457	66,621					
2021 DAIRY PRODUCTS, NEC	1,000	944	56					
2022 DRIED MILK AND CREAM	100,359	107	100,252					
2031 FISH AND SHELLFISH, PREPARED	4,838	3,891	924		23			
2034 VEGETABLES AND PREP, NEC	30,199	24,110	6,089					
2039 PREP FRUIT AND VEG JUICE, NEC	34,609	21,436	13,135		38			
2041 WHEAT FLOUR AND SEMOLINA	109,893		105,308					4,545
2042 ANIMAL FEEDS	78,319	24	55,103			15,734		5,458
2049 GRAIN MILL PRODUCTS, NEC	53,105	5,948	20,834			7,083		11,340
2081 SUGAR	4,613	4,589	24					
2082 MOLASSES	258,779	212,330		40	1,080	41,316		4,013
2081 ALCOHOLIC BEVERAGES	114,040	111,873	2,167					
2091 VEGETABLE OILS, MARK, SHORT	174,742	44,478	125,651			80		1,576
2092 ANIMAL OILS AND FATS, NEC	116	116						2,797
2095 ICE	19,375	19,375						
2099 MISCELLANEOUS FOOD PRODUCTS	101,694	22,749	68,997		12	360	1,976	8,000
2111 TOBACCO MANUFACTURES	39	20						
2211 BASIC TEXTILE PRODUCTS	58,347	25,264	32,534		19	529		
2212 TEXTILE FIBERS, NEC	23,898	191	11,007			12,700		
2311 APPAREL	3,454	2,444	1,000		8			
2411 LOGS	47		47					
2413 FUEL WOOD, CHARCOAL, WASTES	514		514					
2414 TIMBER, POSTS, POLES, PILING	323	22	301					
2416 WOOD CHIPS, STAVES, HOLDINGS	536		235					
2421 LUMBER	22,859	14,459	8,400					
2451 VENEER, PLYWOOD, WORKED WOOD	56,401	39,008	17,143			250		
2491 WOOD MANUFACTURES, NEC	9,983	5,550	4,433					
2511 FURNITURE AND FIXTURES	28,535	27,431	1,082		2	20		
2611 PULP	1,140		1,140					
2621 STANDARD NEWSPRINT PAPER	114,289	83,274	16,925			14,050		
2631 PAPER AND PAPERBOARD	142,706	117,863	24,843					
2691 PULP AND PAPER PRODUCTS, NEC	7,254	6,279	975					
2711 PRINTED MATTER	2,209	1,338	871					
2810 SODIUM HYDROXIDE	608,705			3,909	96,336	276,139	215,503	16,818
2811 CRUDE TAR, OIL, GAS PRODUCTS	540,221	177,228	69,980	5,797		89,252	166,411	31,553
2812 DYES, PIGMENT, TANNING MATS	253		253					
2813 ALCOHOLS	3,508,868	591,791	454,873	6,929	162,369	865,163	1,049,174	378,569
2816 RADIOACTIVE MATERIALS, WASTES	1,250		880					
2817 BENZENE AND TOLUENE	2,700,033	435,531	67,309	14,284	3,301	972,436	557,383	649,789
2818 SULPHURIC ACID	672,956					27,920	535,760	109,276
2819 BASIC CHEMICALS AND PROD, NEC	12,179,289	3,612,275	3,109,490	93,638	227,449	1,437,512	3,077,029	821,896
2821 PLASTIC MATERIALS	1,113,033	63,043	1,042,336		6,408		1,206	
2822 SYNTHETIC RUBBER	82,243	563	81,680					
2823 SYNTHETIC (MAN-MADE) FIBERS	8,782	3,088	5,702					
2831 DRUGS	8,890	6,600	1,728		562			
2841 SOAP	32,537	11,714	20,823					
2851 PAINTS	26,577	22,929	3,648					
2861 GUM AND WOOD CHEMICALS	39,797	830	3,313	35,654				

GALVESTON, TX, DISTRICT

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HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2871 NITROGENOUS CHEM FERTILIZERS	240,720	35,392	64,531		997	130,345	1,455	
2872 POTASSIC CHEM FERTILIZERS	442,613	42	334,893		87,495	1,669	3,005	14,999
2873 PHOSPHATIC CHEM FERTILIZERS	34,458					31,599	2,859	
2876 INSECTICIDES, DISINFECTANTS	47,953	29,420	18,525					
2879 FERTILIZER AND MATERIALS, NEC	397,659	319	214,139			142,206	40,395	
2891 MISCELLANEOUS CHEMICAL PROD	679,749	195,353	336,710	4,369	60,768	46,581	26,207	741
2911 GASOLINE	6,462,543	151,697	513,568	23,638	2,184,236	1,999,273	909,114	681,017
2912 JET FUEL	1,720,605		316,525	33,434	262,465	906,756	104,887	104,538
2913 KEROSENE	116,855	124	34,833	6,281		7,749	67,866	
2914 DISTILLATE FUEL OIL	5,909,617	290,349	806,273	114,847	1,831,702	1,651,964	612,299	682,183
2915 RESIDUAL FUEL OIL	13,464,032	1,617,490	512,349	116,503	2,440,471	4,413,093	1,784,896	2,579,230
2916 LUBRICATING OILS AND GREASES	2,394,273	30,119	985,817	135,129	424,668	207,353	792,701	220,484
2917 NAPHTHA, PETROLEUM SOLVENTS	4,545,795	1,221,165	9,542	29,419	488,584	771,043	1,747,632	278,110
2918 ASPHALT, TAR, AND BITUMENS	258,474	17,511	3,310		12,724	202,978	13,817	5,534
2920 COKE, PETROLEUM COKE	874,416	63	718,576			6,895	146,882	
2921 LIQUEFIED GASES	3,685,398	2,433,601	119,930			54,358	19,004	3,686
2951 ASPHALT BUILDING MATERIALS	1,307		1,307					
2991 PETROLEUM AND COAL PROD, NEC	552,497	3,709	21,662		50,661	197,545	129,571	149,349
3011 RUBBER AND MISC PLASTIC PROD	64,597	47,037	17,558			2		
3111 LEATHER AND LEATHER PRODUCTS	15,468	3,693	11,761					
3211 GLASS AND GLASS PRODUCTS	33,968	11,110	22,190	8	742			
3241 BUILDING CEMENT	1,313,026	787,402	302		46	47,336	50,144	427,776
3251 STRUCTURAL CLAY PRODUCTS	58,522	55,237	2,938		349			
3271 LIME	18,343		76			4,433	5,834	
3291 CUT STONE AND STONE PRODUCTS	50,244	49,706	538					
3291 MISC NONMETALLIC MINERAL PROD	37,105	18,502	19,585		1,018			
3311 PIG IRON	3,508					3,508		
3312 SLAG	25,725					6,838	18,887	
3314 IRON AND STEEL PRIMARY FORMS	91,557	5,532	32		36	84,557	1,400	
3315 IRON, STEEL SHAPES, EXC SHEET	1,401,859	1,213,940	8,809	5,048		172,012	2,050	
3316 IRON AND STEEL PLATES, SHEETS	137,952	7,606	1,802			100,859	26,785	
3317 IRON AND STEEL PIPE AND TUBE	879,662	652,890	56,246			150,932	14,794	4,800
3318 FERROALLOYS	41,534	2,817	49			37,268	1,400	
3319 IRON AND STEEL PRODUCTS, NEC	36,572	16,114	2,570			17,688		
3321 NONFERROUS METALS, NEC	21,384	4,028	17,316					
3322 COPPER ALLOYS, UNWORKED	18,691	16,426	2,208			57		
3323 LEAD AND ZINC, UNWORKED	3,941	1,513	2,423					
3324 ALUMINUM AND ALLOYS, UNWORKED	65,993	61,227	3,866					
3411 FABRICATED METAL PRODUCTS	192,394	158,766	28,937		132	4,304	255	
3511 MACHINERY, EXCEPT ELECTRICAL	440,744	173,322	251,582	4		6,726	7,102	8
3611 ELECTRICAL MACH AND EQUIP	75,582	30,479	44,678	130	142	153		
3711 MOTOR VEHICLES, PARTS, EQUIP	405,027	383,949	20,442	2	1	441	192	
3721 AIRCRAFT AND PARTS	1,670	1,073	597					
3731 SHIPS AND BOATS	3,406	923	2,470			7		
3791 MISC TRANSPORTATION EQUIPMENT	4,256	764	3,492					
3811 INSTR, TIME, PHOTO, OPT GOODS	8,261	2,241	6,014		6			
3911 MISC MANUFACTURED PRODUCTS	12,284	8,548	2,832	88	16		800	
4011 IRON AND STEEL SCRAP	445,157	1,407	183,174			200,414	60,160	
4012 NONFERROUS METAL SCRAP	45,404	9,630	35,774					
4022 TEXTILE WASTE, SCRAP, SHEEP	15,554	626	14,928					
4024 PAPER WASTE AND SCRAP	20,939		20,939					
4029 WASTE AND SCRAP, NEC	1,002,210				7,197	236,659	617,793	140,561
4111 WATER	3,530					2	778	2,750
4112 COMMODITIES, NEC	113,369	36,491	13,195	6,473	28,487	878	27,845	
9999 DEPARTMENT OF DEFENSE AND SCI	3,428		3,428					
TOTAL TON-MILES	4,247,535,500							

DICKINSON BAYOU, TEX.

SECTION INCLUDED: GALVESTON BAY TO DICKINSON, TEX., ABOUT 11.4 MILES. CONTROLLING DEPTH: 7 FEET. PROJECT DEPTH: 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	93,413	1982	17,921
1978	220,250	1983	16,055
1979	105,573	1984	170,905
1980	19,275	1985	194,932
1981	23,275	1986	330,172

FREIGHT TRAFFIC, 1966

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	330,172	326,016	4,156
1492 SAND, GRAVEL, CRUSHED ROCK	286,105	286,105	
2819 BASIC CHEMICALS AND PROD, NEC	1,400		1,400
2915 RESIDUAL FUEL OIL	2,227	596	1,631

GALVESTON, TX, DISTRICT

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GALVESTON HARBOR, TEX.

SECTION INCLUDED: GULF OF MEXICO TO GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL, TEX., ABOUT 14.5 MILES. CONTROLLING DEPTHS: ENTRANCE CHANNEL, 40 FEET; OUTER BAR, 41 FEET; INNER BAR, 39 FEET; BOLIVAR ROADS CHANNEL, 40 FEET. PROJECT DEPTHS: ENTRANCE AND OUTER BAR CHANNELS, 42 FEET; INNER BAR AND BOLIVAR ROADS CHANNELS, 40 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC (TRAFFIC IN TRANSIT)

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	102,175,348	3,287	1982	98,033,339	.....
1978	111,854,586	1,407	1983	93,456,107	.....
1979	118,055,954	.....	1984	94,401,071	.....
1980	101,987,400	.....	1985	85,253,691	.....
1981	107,332,518	.....	1986	95,637,936	.....

* ALL FOREIGN AND COASTWISE COMMERCE SHOWN FOR GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL PASS THROUGH THIS ENTRANCE.

GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., 43RD TO 57TH DEAUTHORIZED UNDER SEC. 12 OF PL 93-251, GALVESTON, TEX., ABOUT 3.9 MILES. CONTROLLING DEPTHS: 43 FEET TO 43RD STREET. PROJECT DEPTHS: 40 FEET, MEAN LOW TIDE, TO 43RD STREET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	FERRY PASSENGERS	YEAR	TONS	PASSENGERS	FERRY PASSENGERS
1977	9,563,626	3,216	4,823,378	1982	9,349,856	.....	7,084,898
1978	7,786,146	1,142	4,783,219	1983	10,177,718	.....	6,938,491
1979	8,982,285	.....	5,964,184	1984	11,752,974	.....	9,560,952
1980	9,631,091	.....	6,271,887	1985	7,791,729	.....	12,602,027
1981	11,268,337	.....	6,816,934	1986	7,957,857	.....	12,797,419

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	7,987,857	1,246,941	5,050,966	251,260	779,303	448,776	206,777	3,834
0101 COTTON, RAW	28,761	.....	28,761	.....	.....	.....	.....	.....
0103 CORN	429	.....	429	.....	.....	.....	.....	.....
0105 RICE	126,231	.....	121,757	.....	.....	.....	4,474	.....
0106 SORGHUM GRAINS	19,942	.....	19,942	.....	.....	.....	.....	.....
0107 WHEAT	2,020,956	.....	1,983,155	.....	33,427	.....	4,374	.....
0119 OILSEEDS, NEC	4,562	13	4,549	.....	.....	.....	.....	.....
0129 FIELD CROPS, NEC	609	60	549	.....	.....	.....	.....	.....
0131 FRESH FRUITS	1,082	153	929	.....	.....	.....	.....	.....
0132 BANANAS AND PLANTAINS	268,198	268,002	196	.....	.....	.....	.....	.....
0133 COFFEE	11,899	11,576	323	.....	.....	.....	.....	.....
0141 FRESH AND FROZEN VEGETABLES	999	90	909	.....	.....	.....	.....	.....
0161 ANIMALS AND PRODUCTS, NEC	2,405	103	2,302	.....	.....	.....	.....	.....
0191 MISCELLANEOUS FARM PRODUCTS	14	9	5	.....	.....	.....	.....	.....
0841 CRUDE RUBBER AND ALLIED GUMS	1,498	1,497	1	.....	.....	.....	.....	.....
0861 FOREST PRODUCTS, NEC	596	178	418	.....	.....	.....	.....	.....
0911 FRESH FISH, EXCEPT SHELLFISH	3	.....	3	.....	.....	.....	.....	.....
0912 SHELLFISH, EXCEPT PREPARED	15	15	.....	.....	.....	.....	.....	.....
1011 IRON ORE AND CONCENTRATES	30,174	30,174	.....	.....	.....	.....	.....	.....
1051 ALUMINUM ORES, CONCENTRATES	177	112	65	.....	.....	.....	.....	.....
1091 NONFERROUS ORES, CONCENT, NEC	5,648	.....	5,648	.....	.....	.....	.....	.....
1311 CRUDE PETROLEUM	497,335	497,335	.....	.....	.....	.....	.....	.....
1442 SAND, GRAVEL, CRUSHED ROCK	49,998	154	100	.....	.....	49,744	.....	.....
1451 CLAY	111,724	99,780	1,174	.....	.....	355	10,815	.....
1471 PHOSPHATE ROCK	1,543	37	1,506	.....	.....	.....	.....	.....
1492 SULPHUR, DRY	2,325,889	.....	2,325,889	.....	.....	.....	.....	.....
1493 SULPHUR, LIQUID	806,595	.....	.....	.....	733,488	6,299	66,848	.....
1494 GYPSUM, CRUDE AND PLASTERS	112	.....	112	.....	.....	.....	.....	.....
1499 NONMETALLIC MINERALS, NEC	13,755	67	7,198	.....	.....	272	6,214	.....
1911 ORNANCE AND ACCESSORIES	29	21	8	.....	.....	.....	.....	.....
2011 MEAT, FRESH, CHILLED, FROZEN	44	.....	44	.....	.....	.....	.....	.....
2012 MEAT AND PRODUCTS, NEC	456	.....	.....	.....	.....	.....	.....	.....
2015 ANIMAL BY-PRODUCTS, NEC	490	8	482	.....	.....	.....	.....	.....
2021 DAIRY PRODUCTS, NEC	75	74	1	.....	.....	.....	.....	.....
2022 DRIED MILK AND CREAM	6,060	.....	6,060	.....	.....	.....	.....	.....
2031 FISH AND SHELLFISH, PREPARED	1,123	269	854	.....	.....	.....	.....	.....
2034 VEGETABLES AND PREP, NEC	4,676	3,082	1,594	.....	.....	.....	.....	.....
2039 PREP FRUIT AND VEG JUICE, NEC	7,534	5,784	1,770	.....	.....	.....	.....	.....
2041 WHEAT FLOUR AND SEMOLINA	266,971	.....	246,116	.....	.....	.....	20,855	.....
2042 ANIMAL FEEDS	1,645	.....	1,645	.....	.....	.....	.....	.....
2049 GRAIN MILL PRODUCTS, NEC	42,341	1,126	40,805	.....	.....	410	.....	.....
2061 SUGAR	319,785	77,078	.....	242,707	.....	.....	.....	.....
2081 ALCOHOLIC BEVERAGES	18,179	18,061	118	.....	.....	.....	.....	.....
2091 VEGETABLE OILS, MARG, SHORT	1,128	90	1,038	.....	.....	.....	.....	.....
2092 ANIMAL OILS AND FATS, NEC	7	.....	7	.....	.....	.....	.....	.....
2094 GROCERIES	1	.....	.....	.....	.....	.....	.....	.....
2095 ICE	1,988	1,988	.....	.....	.....	.....	.....	1
2099 MISCELLANEOUS FOOD PRODUCTS	19,552	3,610	14,292	.....	.....	820	830	.....
2211 BASIC TEXTILE PRODUCTS	2,829	2,452	377	.....	.....	.....	.....	.....
2212 TEXTILE FIBERS, NEC	1,557	.....	1,557	.....	.....	.....	.....	.....
2311 APPAREL	243	156	87	.....	.....	.....	.....	.....
2416 WOOD CHIPS, STAVES, HOLDINGS	18	18	.....	.....	.....	.....	.....	.....
2421 LUMBER	4,979	4,229	750	.....	.....	.....	.....	.....

GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2434 VENEER, PLYWOOD, WORKED WOOD	43,265	43,238	27					
2491 ADD MANUFACTURED, NEC	4,865	1,324	3,535				6	
2514 FURNITURE AND FIXTURES	3,850	3,850	260					
2611 PULP	23		23					
2634 PAPER AND PAPERBOARD	30,123	6,502	23,621					
2691 PULP AND PAPER PRODUCTS, NEC	508	362	116				10	
2711 PRINTED MATTER	859	665	194					
2811 CRUDE TAR, OIL, SAS PRODUCTS	11,981	10,889	1,172					
2812 DYES, PIGMENT, TANNING MATS	3		3					
2813 ALCOHOLS	30,257	21,349	16,900					
2816 RADIOACTIVE MATERIALS, WASTES	201	201						
2817 BENZENE AND TOLUENE	10,220	9,713	4	8,911				
2819 BASIC CHEMICALS AND PROD, NEC	83,836	9,515	67,156			2,041	5,124	
2821 PLASTIC MATERIALS	25,604	2,464	23,140					
2822 SYNTHETIC RUBBER	5,027	89	4,938					
2823 SYNTHETIC (MAN-MADE) FIBERS	191	67	126					
2831 DRUGS	1,249	981	240					
2841 SOAP	1,385	412	973					
2851 PAINTS	1,654	1,397	257					
2861 GUM AND WOOD CHEMICALS	21	21						
2872 POTASSIC CHEM FERTILIZERS	20,037		7,709		12,328			
2876 INSECTICIDES, DISINFECTANTS	5,466	2,715	2,771					
2879 FERTILIZER AND MATERIALS, NEC	9,797	9,797	9,797					
2891 MISCELLANEOUS CHEMICAL PROD	15,244	4,493	11,171					
2911 GASOLINE	48,116		2			46,836	1,278	
2914 DISTILLATE FUEL OIL	104,093		44			162,598	21,459	
2915 RESIDUAL FUEL OIL	160,291	300				148,267	15,690	3,854
2916 LUBRICATING OILS AND GREASES	5,039	19	5,020					
2917 NAPHTHA, PETROLEUM SOLVENTS	12,700					12,700		
2918 ASPHALT, TAR, AND PITCHES	174	24	150					
2920 COKE, PETROLEUM COKE	1,598		1,598					
2951 ASPHALT BUILDING MATERIALS	53		53					
2991 PETROLEUM AND COAL PROD, NEC	625	352	273					
3011 RUBBER AND MISC PLASTIC PROD	5,457	3,474	1,483					
3114 LEATHER AND LEATHER PRODUCTS	907	630	357					
3211 GLASS AND GLASS PRODUCTS	1,975	674	1,101					
3241 BUILDING CEMENT	675	19				185	471	
3251 STRUCTURAL CLAY PRODUCTS	2,598	2,474	124					
3281 CUT STONE AND STONE PRODUCTS	3,735	3,731	4					
3291 MISC NONMETALLIC MINERAL PROD	3,564	2,830	756					
3314 IRON AND STEEL PRIMARY FORMS	3,383	1,189				2,164		
3315 IRON, STEEL SHAPES, EXC SHEET	25,844	23,549	2,295					
3316 IRON AND STEEL PLATES, SHEETS	7,874	5,885	667			1,562		
3317 IRON AND STEEL PIPE AND TUBE	17,229	9,500	1,423			5,280	1,026	
3318 FERROALLOYS	106							
3319 IRON AND STEEL PRODUCTS, NEC	732	726	4					
3321 NONFERROUS METALS, NEC	3,741	140	3,601					
3322 COPPER ALLOYS, UNWORKED	1,265	776						
3323 LEAD AND ZINC, UNWORKED	274	274						
3324 ALUMINUM AND ALLOYS, UNWORKED	1,350	1,085	265					
3411 FABRICATED METAL PRODUCTS	10,127	5,985	4,057			33	92	
3511 MACHINERY, EXCEPT ELECTRICAL	31,895	22,265	6,784	42	100	1,235	1,469	
3611 ELECTRICAL MACH AND EQUIP	5,698	3,723	1,971					
3711 MOTOR VEHICLES, PARTS, EQUIP	3,160	2,267	893					
3721 AIRCRAFT AND PARTS	193	15	88					
3731 SHIPS AND BOATS	193	15	188					
3791 MISC TRANSPORTATION EQUIPMENT	3,493	1,883	1,610					
3811 INSTR, TIME, PHOTO, OPT GOODS	1,057	340	717					
3911 MISC MANUFACTURED PRODUCTS	37,246	1,993	410			1,122	34,711	
4011 IRON AND STEEL SCRAP	10,434		8,784			1,650		
4012 NONFERROUS METAL SCRAP	2,190	86	2,014					
4022 TEXTILE WASTE, SCRAP, SHEEP	1,200		1,200					
4024 PAPER WASTE AND SCRAP	179		179					
4029 WASTE AND SCRAP, NEC	19							
4111 WATER	9,070					19		
4112 COMMODITIES, NEC	12,330	3,468	1,582			312	8,766	
4119 EMPTY CONTAINERS	32					4,040	2,460	
9999 DEPARTMENT OF DEFENSE AND SCI	3,346		3,346			32		
TOTAL TON-MILES	31,951,428.							

CHOCOLATE BAYOU, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO NEAR LIVERPOOL, TEX., ABOUT 13.4 MILES. CONTROLLING DEPTH: 11 FEET TO MILE 8.5. PROJECT DEPTH: 12 FEET, TO MILE 8.2, THENCE 9 FEET MEAN LOW TIDE, TO MILE 13.2.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,566,214	1982	3,043,107
1978	3,057,207	1983	2,608,300
1979	3,840,894	1984	3,401,910
1980	2,930,850	1985	4,076,999
1981	4,301,199	1986	2,874,357

GALVESTON, TX, DISTRICT

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CHOCOLATE BAYOU, TEX.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	2,074,357	1,962,190	912,167
1311 CRUDE PETROLEUM	204,171	204,171	
2010 SODIUM HYDROXIDE	54,579	54,579	
2011 CRUDE TAR, OIL, GAS PRODUCTS	19,941	19,941	
2013 ALCOHOLS	32,753	32,753	
2017 BENZENE AND TOLUENE	121,166	29,074	92,092
2018 SULPHURIC ACID	51,507	51,507	
2019 BASIC CHEMICALS AND PROD, NEC	404,034	61,834	342,200
2911 GASOLINE	570,468	239,910	330,558
2914 DISTILLATE FUEL OIL	107,693	91,004	16,689
2915 RESIDUAL FUEL OIL	467,902	394,634	73,268
2916 LUBRICATING OILS AND GREASES	75,341	72,078	3,263
2917 NAPHTHA, PETROLEUM SOLVENTS	611,134	608,476	2,658
2918 ASPHALT, TAN, AND PITCHES	43,664		43,664
2921 LIQUEFIED GASES	932		932
2991 PETROLEUM AND COAL PROD, NEC	109,072	102,221	6,851
TOTAL TON-MILES, 25,465,959.			

SAN BERNARD RIVER, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO STATE HIGHWAY NO. 35, ABOUT 24.0 MILES. CONTROLLING DEPTH: 8.5 FEET, PROJECT DEPTH: 9 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	414,142	1982	726,684
1978	321,305	1983	629,816
1979	601,435	1984	619,837
1980	673,740	1985	519,417
1981	660,291	1986	324,528

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	324,528	24,723	299,805
1311 CRUDE PETROLEUM	13,428		13,428
2011 CRUDE TAR, OIL, GAS PRODUCTS	95,761		95,761
2017 BENZENE AND TOLUENE	9,903		9,903
2914 DISTILLATE FUEL OIL	7,557	7,557	
2915 RESIDUAL FUEL OIL	196,779	17,166	179,613
2917 NAPHTHA, PETROLEUM SOLVENTS	1,100		1,100
TOTAL TON-MILES, 8,437,728.			

FREEPORT HARBOR, TEX. (FREEPORT, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO DIVERSION DAM AT FREEPORT, TEX., ON OLD BRAZOS RIVER, ABOUT 7.8 MILES. CONTROLLING DEPTH: BAR CHANNEL, 38 FEET; THROUGH UPPER TURNING BASIN, 39 FEET; THROUGH STAUFFER TURNING BASIN, 19 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 31 FEET. PROJECT DEPTH: BAR CHANNEL 38 FEET; THROUGH UPPER TURNING BASIN, 36 FEET; (DEAUTHORIZED UNDER SEC. 12 OF P.L. 93-251) THROUGH STAUFFER TURNING BASIN, 25 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 30 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	15,332,518	1982	14,989,683
1978	21,712,480	1983	15,671,990
1979	19,983,837	1984	15,122,761
1980	20,131,067	1985	12,918,289
1981	23,357,106	1986	13,370,117

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	13,370,117	4,307,213	1,004,324	4,027,944	198,848	2,493,145	1,290,447	48,196
0105 RICE	130,847		130,847					
0110 OILSEEDS, NEC	22		22					
0131 FRESH FRUITS	6		6					
0132 BANANAS AND PLANTAINS	200,942	199,805	1,137					
0141 FRESH AND FROZEN VEGETABLES	26		26					
8031 MARINE SHELLS, UNMANUFACTURED	6,897					6,897		
1121 COAL AND LIGNITE	1,543					1,543		
1311 CRUDE PETROLEUM	6,900,529	3,990,161		3,904,729		1,000,283	5,356	
1402 SAND, GRAVEL, CRUSHED ROCK	114,059		30			114,029		
1451 CLAY	163						163	
1499 NONMETALLIC MINERALS, NEC	631		231				400	
2012 MEAT AND PRODUCTS, NEC	1		1					
2014 TALLOW, ANIMAL; FATS AND OILS	5		5					
2021 DAIRY PRODUCTS, NEC	14		14					
2022 DRIED MILK AND CREAM	330		330					
2034 VEGETABLES AND PREP, NEC	79		79					
2039 PREP FRUIT AND VEG JUICE, NEC	1,886	1,886						
2042 ANIMAL FEEDS	267		267					
2049 GRAIN MILL PRODUCTS, NEC	450		450					
2091 ALCOHOLIC BEVERAGES	332	294	38					
2091 VEGETABLE OILS, MARG, SHORT	27		27					
2099 MISCELLANEOUS FOOD PRODUCTS	414	16	398					
2211 BASIC TEXTILE PRODUCTS	198		198					
2421 LUMBER	2,272	2,272						
2491 WOOD MANUFACTURES, NEC	1		1					
2631 PAPER AND PAPERBOARD	1,194		1,194					
2641 PULP AND PAPER PRODUCTS, NEC	42		3					
2711 PRINTED MATTER	20		20					
2810 SODIUM HYDROXIDE	232,088					20,465	211,623	
2811 CRUDE TAR, OILY GAS PRODUCTS	109,372	15,207	51,551			40,436	2,098	
2812 OYES, PIGMENT, TANNING MATS	2		2					
2815 ALCOHOLS	46,377	2,244	9,744			17,861	16,528	
2817 BENZENE AND TOLUENE	419,493	30,228		5,641		348,329	34,555	740
2818 SULPHURIC ACID	314,320					314,320		
2819 BASIC CHEMICALS AND PROD, NEC	2,373,349	61,702	754,840	108,887	172,632	567,352	640,500	47,456
2821 PLASTIC MATERIALS	24,489		24,489					
2822 SYNTHETIC RUBBER	687		687					
2831 DRUGS	10		10					
2841 SOAP	1,037		1,037					
2851 PAINTS	43		43					
2861 GUM AND WOOD CHEMICALS	12		12					
2871 NITROGENOUS CHEM FERTILIZERS	19		19					
2876 INSECTICIDES, DISINFECTANTS	549		549					
2879 FERTILIZER AND MATERIALS, NEC	2		2					
2891 MISCELLANEOUS CHEMICAL PROD	10,494		1,474	6,159			3,061	
2911 GASOLINE	104,375		10,362	2,528	19,450	7,730	64,305	
2912 JET FUEL	209,863		4,411				205,452	
2914 DISTILLATE FUEL OIL	18,056		4,849			6,766	6,421	
2915 RESIDUAL FUEL OIL	68,745					15,394	49,371	
2916 LUBRICATING OILS AND GREASES	4,843		4,043					
2917 NAPHTHA, PETROLEUM SOLVENTS	24,329						24,329	
2991 PETROLEUM AND COAL PROD, NEC	44,466					38,468	6,198	
5011 RUBBER AND MISC PLASTIC PROD	197		192					
3231 STRUCTURAL CLAY PRODUCTS	3		3					
3315 IRON, STEEL SHAPES, EXC SHEET	7		7					
3316 IRON AND STEEL PLATES, SHEETS	1		1					
3317 IRON AND STEEL PIPE AND TUBE	12		12					
3319 IRON AND STEEL PRODUCTS, NEC	1		1					
3321 NONFERROUS METALS, NEC	6		6					
3322 COPPER ALLOYS, UNWORKED	6		6					
3324 ALUMINUM AND ALLOYS, UNWORKED	4		4					
3411 FABRICATED METAL PRODUCTS	146	37	109					
3511 MACHINERY, EXCEPT ELECTRICAL	139		100			38		
3611 ELECTRICAL MACH AND EQUIP	49		49					
3711 MOTOR VEHICLES, PARTS, EQUIP	27		27					
3791 MISC TRANSPORTATION EQUIPMENT	55		55					
3811 INSTR, TIME, PHOTO, OPT GOODS	13		13					
3911 MISC MANUFACTURED PRODUCTS	73		2				71	
4022 TEXTILE WASTE, SCRAP, SNEEP	3		3					
4131 WATER	16						16	
4112 COMMODITIES, NEC	3,505	3,272	233					
TOTAL TON-MILES,	61,917,641.							

COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.

SECTION INCLUDED: COLORADO RIVER FROM ITS JUNCTION WITH THE GINN EXTENDING UPSTREAM APPROXIMATELY 15.5 MILES TO TURNING BASIN. CONTROLLING DEPTH: 5.0 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	311,948	1982	392,933
1978	459,448	1983	380,744
1979	450,681	1984	324,075
1980	436,585	1985	480,181
1981	483,016	1986	571,818

GALVESTON, TX, DISTRICT

COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	571,818	294,429	277,389
2813 ALCOHOLS	92,100		92,100
2819 BASIC CHEMICALS AND PROD, NEC	282,024	96,735	185,289
2911 GASOLINE	130,733	130,733	
2914 DISTILLATE FUEL OIL	62,192	62,192	
2917 NAPHTHA, PETROLEUM SOLVENTS	4,769	4,769	
TOTAL TON-MILES	8,577,270		

MATAGORDA SHIP CHANNEL, TEX.

SECTION INCLUDED: GULF OF MEXICO TO POINT COMFORT, ABOUT 25.5 MILES; TO PORT LAVACA, ABOUT 4.1 MILES; TO HARBOR OF REFUGE, ABOUT 2.6 MILES; AND TO RED BLUFF, ABOUT 20.2 MILES. CONTROLLING DEPTH: TO POINT COMFORT, 29.0 FEET; TO PORT LAVACA, 12 FEET; TO HARBOR OF REFUGE, 12.0 FEET; AND TO RED BLUFF, 4 FEET. PROJECT DEPTH: TO POINT COMFORT, 38-36 FEET; TO PORT LAVACA AND HARBOR OF REFUGE, 12 FEET; AND TO RED BLUFF, 6 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,894,810	1982	4,308,436
1978	4,477,509	1983	3,422,854
1979	4,562,702	1984	3,636,922
1980	3,991,089	1985	4,365,748
1981	4,148,664	1986	4,858,515

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	4,858,515	3,406,887	165,390	556,353	729,885
0931 MARINE SHELLS, UNMANUFACTURED	2,000			2,000	
1051 ALUMINUM ORES, CONCENTRATES	3,516,439	3,400,657	115,782		
1311 CRUDE PETROLEUM	24,227				24,227
1499 NONMETALLIC MINERALS, NEC	9,724	5,513			4,211
2211 BASIC TEXTILE PRODUCTS	1	1			
2421 LUMBER	295		295		
2431 VENEER, PLYWOOD, WORKED WOOD	21		21		
2810 SODIUM HYDROXIDE	138,339			138,339	
2817 BENZENE AND TOLUENE	1,472				1,472
2818 SULPHURIC ACID	72,587			72,587	
2819 BASIC CHEMICALS AND PROD, NEC	892,513		8,042	211,308	673,163
2871 NITROGENOUS CHEM FERTILIZERS	66,754	481		68,273	
2873 PHOSPHATIC CHEM FERTILIZERS	1,870			1,870	
2879 FERTILIZER AND MATERIALS, NEC	8,112			8,112	
2911 GASOLINE	3,236			3,236	
2914 DISTILLATE FUEL OIL	15,720			8,272	7,448
2915 RESIDUAL FUEL OIL	13,904			8,329	5,575
2918 ASPHALT, TAR, AND PITCHES	2,033		2,033		
2920 COKE, PETROLEUM COKE	70,800		38,559	30,467	1,774
3291 NISC NONMETALLIC MINERAL PROD	110		110		
3315 IRON, STEEL SHAPES, EXC SHEET	235	235			
3411 FABRICATED METAL PRODUCTS	2			2	
3511 MACHINERY, EXCEPT ELECTRICAL	17			17	
3611 ELECTRICAL MACH AND EQUIP	2			2	
3711 MOTOR VEHICLES, PARTS, EQUIP	13			13	
4011 IRON AND STEEL SCRAP	12,015				12,015
4024 PAPER WASTE AND SCRAP	513			513	
4112 COMMODITIES, NEC	1			1	
4118 WATERWAY IMPROVEMENT MAT	3,560			3,560	
TOTAL TON-MILES	121,452,761				

CHANNEL TO VICTORIA, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO VICINITY OF VICTORIA, TEX., ABOUT 35 MILES; TRIBUTARY CHANNEL TO SEADRIFT, TEX., ABOUT 2 MILES. CONTROLLING DEPTH: MAIN CHANNEL, 10 FEET; TRIBUTARY CHANNEL, 11 FEET. PROJECT DEPTH: 9 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,564,684	1982	2,744,633
1978	2,819,607	1983	3,342,181
1979	2,807,135	1984	3,674,379
1980	3,303,122	1985	3,414,087
1981	2,930,820	1986	3,878,476

Waterborne Commerce of the United States, 1986

CHANNEL TO VICTORIA, TEX.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	3,078,476	1,054,772	2,023,704
1442 SAND, GRAVEL, CRUSHED ROCK	1,255,640		1,255,640
1499 NONMETALLIC MINERALS, NEC	12,032	12,032	
2010 SODIUM HYDROXIDE	9,140	9,140	
2013 ALCOHOLS	24,452	20,493	3,959
2017 BENZENE AND TOLUENE	6,200		6,200
2019 BASIC CHEMICALS AND PROD, NEC	1,469,680	790,204	699,596
2071 NITROGENOUS CHEM FERTILIZERS	66,943	66,943	
2073 PHOSPHATIC CHEM FERTILIZERS	12,272	12,272	
2914 DISTILLATE FUEL OIL	31,254	23,432	7,822
2915 RESIDUAL FUEL OIL	127,723	117,398	10,325
2917 NAPHTHA, PETROLEUM SOLVENTS	12,324		12,324
2920 COKE, PETROLEUM COKE	17,680	2,778	15,102
4011 IRON AND STEEL SCRAP	4,257		4,257
8110 WATERWAY IMPROVEMENT MAT	6,479		6,479
TOTAL TON-MILES	77,237,854		

CORPUS CHRISTI SHIP CHANNEL, TEX. (CORPUS CHRISTI AND HARBOR ISLAND, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT CORPUS CHRISTI, AT AVERY POINT, NEAR TULE LAKE, AND AT VIOLA, TEX., ABOUT 34 MILES; BRANCH CHANNEL TO LA QUINTA, ABOUT 3.7 MILES; CHANNEL TO PORT ARANSAS, ABOUT 0.4 MILES, CONTROLLING DEPTH: BAR CHANNEL, 48.8 FEET; BAY CHANNEL, 43 FEET; TO AVERY POINT, 45 FEET; TO VICINITY TULE LAKE, 39 FEET; TO VIOLA, 39 FEET; TO LA QUINTA, 45 FEET; TO PORT ARANSAS, 8.2 FEET; TO JENEL FULTON, 14 FEET. PROJECT DEPTH: BAR CHANNEL, 47 FEET; REMAINDER OF PROJECT, 45 AND 40 FEET, EXCEPT PORT ARANSAS CHANNEL, 12 FEET, AND JENEL FULTON CANAL, 12 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	56,081,113		1982	37,974,192	
1978	54,678,296		1983	39,131,318	
1979	53,597,104		1984	44,081,109	
1980	49,001,096		1985	42,682,399	
1981	41,960,354		1986	50,104,579	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	50,104,579	23,601,408	3,819,746	839,292	7,724,816	2,663,463	9,096,637	2,359,017
0101 COTTON, RAW	8,698		4,583				4,115	
0103 CORN	166,627		166,627					
0105 RICE	5,755		5,755					
0106 SORGHUM GRAINS	390,747		387,955				2,792	
0107 WHEAT	555,630		555,630					
0111 SOYBEANS	3,123					3,123		
0171 MISCELLANEOUS FARM PRODUCTS	1	1						
1051 ALUMINUM ORES, CONCENTRATES	1,670,844	1,319,261	351,583					
1061 MANGANESE ORES, CONCENTRATES	18,850	18,850						
1091 NONFERROUS ORES, CONCENT, NEC	128,182	128,182						
1121 COAL AND LIGNITE	102,417		93,059			9,358		
1311 CRUDE PETROLEUM	17,022,696	14,475,091		536,902	250,810	728,377	500,706	530,810
1442 SAND, GRAVEL, CRUSHED ROCK	30,989					30,989		
1451 CLAY	79,790	79,790						
1493 SULPHUR, LIQUID	42,525						42,525	
1499 NONMETALLIC MINERALS, NEC	25,134		18,850			6,284		
2041 WHEAT FLOUR AND SEMOLINA	129,728		124,868				4,860	
2049 GRAIN MILL PRODUCTS, NEC	83,546		30,411			22,055	31,080	
2099 MISCELLANEOUS FOOD PRODUCTS	9,416	45	9,371					
2211 BASIC TEXTILE PRODUCTS	2	2						
2431 VENEER, PLYWOOD, WORKED WOOD	1	1						
2511 FURNITURE AND FIXTURES	7	7						
2621 STANDARD NEWSPRINT PAPER	15,194	10,085				5,109		
2631 PAPER AND PAPERBOARD	1,081					1,081		
2010 SODIUM HYDROXIDE	221,808					81,202	139,270	1,336
2011 CRUDE TAR, OIL, GAS PRODUCTS	296,065	19,242	5,698	6,723		173,743	22,215	68,444
2013 ALCOHOLS	961,769					680,600	265,426	15,543
2017 BENZENE AND TOLUENE	520,225		8,205			20,501	299,734	191,785
2018 SULPHURIC ACID	22,690					9,950	12,740	
2019 BASIC CHEMICALS AND PROD, NEC	2,295,026	1,011,060	372,037		174,650	63,301	669,659	4,319
2021 PLASTIC MATERIALS	21	19	2					
2022 SYNTHETIC RUBBER	18		18					
2041 SOAP	11		11					
2051 PAINTS	1,194	1,194						
2071 NITROGENOUS CHEM FERTILIZERS	36,669	6,835				29,834		
2072 POTASSIC CHEM FERTILIZERS	21		21					
2073 PHOSPHATIC CHEM FERTILIZERS	6,389					6,389		
2076 INSECTICIDES, DISINFECTANTS	9		9					
2091 MISCELLANEOUS CHEMICAL PROD	72,082	19,805	6,870		20,891	7,605	16,911	

CORPUS CHRISTI SHIP CHANNEL, TEX. (CORPUS CHRISTI AND HARBOR ISLAND, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2011 GASOLINE-----	7,906,246	32,836	57,734	4,000,415	149,679	3,348,656	236,926	
2012 JET FUEL-----	597,767		23,908	165,470		408,389		
2013 KEROSENE-----	117,266		4,446	10,456		102,788		
2014 DISTILLATE FUEL OIL-----	5,482,292	193,167	594,224	2,790,874	52,512	1,403,041	448,474	
2015 RESIDUAL FUEL OIL-----	7,400,226	4,665,430	172,082	223,388	254,692	1,120,590	676,896	
2016 LUBRICATING OILS AND GREASES-----	83,223		1,988		321		81,814	
2017 NAPHTHA, PETROLEUM SOLVENTS-----	1,809,851	1,205,359		3,271	996	160,956	248,926	
2018 ASPHALT, TAR, AND PITCHES-----	152,822				6,545	21,575	124,702	
2020 COKE, PETROLEUM COKE-----	901,883		821,467			10,298	70,078	
2021 LIQUEFIED GASES-----	165,419	157,088				4,412	3,919	
2091 PETROLEUM AND COAL PROD, NEC-----	318,645			5,248		67,266	167,990	
3011 RUBBER AND MISC PLASTIC PROD-----	233		233					
3241 BUILDING CEMENT-----	41,991	14,721				26,520	750	
3281 CUT STONE AND STONE PRODUCTS-----	44		44					
3291 MISC NONMETALLIC MINERAL PROD-----	3		3					
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,749						1,749	
3317 IRON AND STEEL PIPE AND TUBE-----	177,793	145,624	347			31,732		
3411 FABRICATED METAL PRODUCTS-----	19,167	16,822	1,545			860		
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,887		1,522			3,320		
3611 ELECTRICAL MACH AND EQUIP-----	408		217					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	36		36					
3731 SHIPS AND BOATS-----	2		2					
3791 MISC TRANSPORTATION EQUIPMENT-----	1		1					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2							
3911 MISC MANUFACTURED PRODUCTS-----	16		16					
4011 IRON AND STEEL SCRAP-----	1,416						1,416	
4112 COMMODITIES, NEC-----	321		321					
TOTAL TON-MILES, 1,041,642,036.								

TOTAL WATERBORNE COMMERCE OF THE CORPUS CHRISTI BAY AREA

FREIGHT TRAFFIC, 1986

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
CORPUS CHRISTI, TEX.-----	48,053,926	21,977,787	3,819,746	839,292	7,724,816	2,540,908	8,807,903	2,343,474
HARBOR ISLAND, TEX.-----	2,066,196	1,623,621				138,098	304,477	
TOTAL, UNADJUSTED-----	50,120,122	23,601,408	3,819,746	839,292	7,724,816	2,679,006	9,112,380	2,343,474
ADJUSTMENT FOR LOCAL TRAFFIC-----	-15,543					-15,543	-15,543	15,543
NET TOTAL, ALL TRAFFIC-----	50,104,579	23,601,408	3,819,746	839,292	7,724,816	2,663,463	9,096,837	2,359,017

* INTERNAL TRAFFIC MOVED BETWEEN THE PORTS LOCATED IN THE CORPUS CHRISTI BAY AREA, WHILE TREATED AS RECEIPTS AND SHIP SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

HARBOR ISLAND, TEX.

SECTION INCLUDED: GULF OF MEXICO TO WEST END HUMBLE OIL BASIN, HARBOR ISLAND, ABOUT 4.7 MILES; CHANNEL TO PORT ARANBAS, ABOUT 0.4 MILE. CONTROLLING DEPTH: BAR CHANNEL, 48.8 FEET; INSIDE CHANNEL, 48 FEET; TO PORT ARANBAS, 9 FEET. PROJECT DEPTH: BAR CHANNEL, 47 FEET; INSIDE CHANNEL, 45 FEET; CHANNEL TO PORT ARANBAS, 12 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	9,308,303	1982-----	1,807,904
1978-----	8,287,418	1983-----	1,708,592
1979-----	9,384,532	1984-----	1,854,868
1980-----	5,980,348	1985-----	1,861,643
1981-----	2,868,208	1986-----	2,066,196

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,066,196	1,623,621	138,098	304,477
1511 CRUDE PETROLEUM-----	1,793,317	1,383,274	115,885	294,158
2431 VENEER, PLYWOOD, WORKED WOOD-----	1		1	
2919 BASIC CHEMICALS AND PROD, NEC-----	92,931	92,931		
2921 PLASTIC MATERIALS-----	19		19	
2871 NITROGENOUS CHEM FERTILIZERS-----	6,590			6,590

Waterborne Commerce of the United States, 1986

HARBOR ISLAND, TEX.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
2914 DISTILLATE FUEL OIL-----	16,187			5,868	10,319
2915 RESIDUAL FUEL OIL-----	157,059			9,675	
3317 IRON AND STEEL PIPE AND TUBE-----	60			60	
3511 MACHINERY, EXCEPT ELECTRICAL-----	32		12	20	

CORPUS CHRISTI, TEX.

SECTION INCLUDED: HUMBLE OIL BASIN TO TURNING BASINS AT CORPUS CHRISTI, AT AVERY POINT, NEAR TULE LAKE, AND AT VIOLA, ABOUT 29.3 MILES; BRANCH CHANNEL TO LA QUINTA, ABOUT 5.7 MILES, CONTROLLING DEPTH: HAY CHANNEL, 44.0 FEET; TO AVERY POINT, 44.0 FEET; TO VICINITY TULE LAKE, 39 FEET; TO VIOLA, 39 FEET; TO LA QUINTA, 45.0 FEET. PROJECT DEPTH: 45 AND 40, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	46,871,695		1982-----	36,186,072	
1978-----	46,554,601		1983-----	37,455,132	
1979-----	46,422,792		1984-----	42,281,521	
1980-----	39,107,016		1985-----	41,057,313	
1981-----	39,148,522		1986-----	46,053,926	23

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	46,053,926	21,977,787	3,819,746	839,292	7,724,816	2,540,908	8,807,903	2,343,474
0101 COTTON, RAW-----	8,698		4,583				4,115	
0103 CORN-----	166,627		166,627					
0105 RICE-----	5,755		5,755					
0106 SORGHUM GRAINS-----	390,747		387,955				2,792	
0107 WHEAT-----	555,630		555,630					
0111 SOYBEANS-----	3,123					3,123		
0191 MISCELLANEOUS FARM PRODUCTS-----	1	1						
1051 ALUMINUM ORES, CONCENTRATED-----	1,670,844	1,319,261	351,583					
1061 MANGANESE ORES, CONCENTRATED-----	18,850	18,850						
1091 NONFERROUS ORES, CONCENT, NEC-----	128,182	128,182						
1121 COAL AND LIGNITE-----	102,417		93,059			9,358		
1311 CRUDE PETROLEUM-----	15,229,379	13,091,817		536,902	250,810	612,492	206,548	530,810
1422 SAND, GRAVEL, CRUSHED ROCK-----	30,989					30,989		
1451 CLAY-----	79,790	79,790						
1493 SULPHUR, LIQUID-----	42,525						42,525	
1499 NONMETALLIC MINERALS, NEC-----	25,134		18,850			6,284		
2041 WHEAT FLOUR AND SEMOLINA-----	129,728		124,868				4,860	
2049 GRAIN MILL PRODUCTS, NEC-----	83,546		30,411			22,055	31,080	
2099 MISCELLANEOUS FOOD PRODUCTS-----	9,416	45	9,371					
2211 BASIC TEXTILE PRODUCTS-----	2	2						
2511 FURNITURE AND FIXTURES-----	7	7						
2621 STANDARD NEWSPRINT PAPER-----	15,194	10,085				5,109		
2631 PAPER AND PAPERBOARD-----	1,081					1,081		
2810 SODIUM HYDROXIDE-----	221,808					81,202	139,270	1,336
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	296,065	19,242	5,698	6,723		173,743	22,215	68,444
2813 ALCOHOLS-----	961,769					680,600	265,426	15,543
2817 BENZENE AND TOLUENE-----	520,225		8,205			20,501	299,734	191,785
2818 SULPHURIC ACID-----	22,690					9,950	12,740	
2819 BASIC CHEMICALS AND PROD, NEC-----	2,202,095	918,129	372,037		174,650	63,301	669,659	4,319
2821 PLASTIC MATERIALS-----	2	2						
2822 SYNTHETIC RUBBER-----	18		18					
2841 SOAP-----	11		11					
2851 PAINTS-----	1,194	1,194						
2871 NITROGENOUS CHEM FERTILIZERS-----	30,079	6,835				23,244		
2872 POTASSIUM CHEM FERTILIZERS-----	21		21					
2873 PHOSPHATIC CHEM FERTILIZERS-----	6,389					6,389		
2874 INSECTICIDES, DISINFECTANTS-----	9		9					
2891 MISCELLANEOUS CHEMICAL PROD-----	72,082	19,805	6,870			20,891	7,605	16,911
2911 GASOLINE-----	7,906,246	32,836	57,734		4,080,415	149,679	3,348,656	236,926
2912 JET FUEL-----	597,767		23,908		165,470		408,389	
2913 KEROSENE-----	117,266		4,046		10,456		102,784	
2914 DISTILLATE FUEL OIL-----	5,471,973	193,167	594,224		2,790,874	52,512	1,398,590	442,606
2915 RESIDUAL FUEL OIL-----	7,252,842	4,516,046	172,082	287,148	223,368	254,692	1,130,265	667,221
2916 LUBRICATING OILS AND GREASES-----	83,223		1,088			321	81,814	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,809,851	1,285,359		3,271	996	160,956	248,926	110,343
2918 ASPHALT, TAR, AND PITCHES-----	152,822				6,545	21,575	124,702	
2920 COKE, PETROLEUM COKE-----	901,843		821,467			10,298	70,078	
2921 LIQUEFIED GASES-----	165,419	157,088				4,412	3,910	
2991 PETROLEUM AND COAL PROD, NEC-----	314,645				5,248	67,266	167,990	74,141
3011 RUBBER AND MISC PLASTIC PROD-----	233	233						
3241 BUILDING CEMENT-----	41,991	14,721				26,520	750	
3281 CUT STONE AND STONE PRODUCTS-----	44	44						
3291 MISC NONMETALLIC MINERAL PROD-----	3	3						
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,749						1,749	
3317 IRON AND STEEL PIPE AND TUBE-----	177,643	145,424	347			31,672		
3411 FABRICATED METAL PRODUCTS-----	19,167	16,422	1,545				800	
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,855	33	1,522			3,300		

GALVESTON, TX, DISTRICT

CORPUS CHRISTI, TEX.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3611 ELECTRICAL MACH AND EQUIP-----	408	191	217					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	36	36						
3731 SHIPS AND BOATS-----	2		2					
3791 MISC TRANSPORTATION EQUIPMENT-----	1		1					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2	2						
3911 MISC MANUFACTURED PRODUCTS-----	16	16						
4011 IRON AND STEEL SCRAP-----	1,416						1,416	
4112 COMMODITIES, NEC-----	321	321						

TRIBUTARY ARROYO COLORADO, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO PORT HARLINGEN, TEX., ABOUT 26 MILES. CONTROLLING DEPTH: 12.5 FEET. PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	709,354	1982-----	862,969
1978-----	716,122	1983-----	702,242
1979-----	666,223	1984-----	801,003
1980-----	623,292	1985-----	692,170
1981-----	655,127	1986-----	668,733

FREIGHT TRAFFIC, 1986

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	DOMESTIC		
		COASTWISE SHIPMENTS	INTERNAL INBOUND	INTERNAL OUTBOUND
TOTAL-----	668,733	1,851	635,767	31,115
0119 JILSEEDS, NEC-----	1,851	1,851		
1442 SAND, GRAVEL, CRUSHED ROCK-----	90,509		90,509	
2061 SUGAR-----	18,694			18,694
2819 BASIC CHEMICALS AND PROD, NEC-----	1,498		1,498	
2871 NITROGENOUS CHEM FERTILIZERS-----	47,367		47,367	
2879 FERTILIZER AND MATERIALS, NEC-----	4,565		4,565	
2911 GASOLINE-----	427,665		427,665	
2918 DISTILLATE FUEL OIL-----	62,382		62,382	
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,781		1,781	
4011 IRON AND STEEL SCRAP-----	12,421			12,421
TOTAL TON-MILES, 16,806,780.				

BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT PORT ISABEL, TEX., ABOUT 6 MILES, AND NEAR BROWNSVILLE, TEX., ABOUT 19 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.2 MILES; GULF INTRACOASTAL WATERWAY SIDE CHANNELS, 1.3 MILES; PORT ISABEL SMALL BOAT HARBOR, ABOUT 2 MILES. CONTROLLING DEPTH: BAR CHANNEL, 38 FEET; BAY CHANNEL, 37 FEET; TO PORT ISABEL, 38 FEET; TO NEAR BROWNSVILLE, 38 FEET; SIDE CHANNELS, 11.0 FEET; FISHING BOAT HARBOR, 16.0 FEET; SMALL BOAT HARBOR, 6.5 FEET. PROJECT DEPTH: BAR CHANNEL, 38 FEET, REMAINDER OF PROJECT, 36 FEET; EXCEPT SIDE CHANNELS, 12 FEET; FISHING BOAT HARBOR, 15 FEET; AND SMALL BOAT HARBOR, 7 AND 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	2,334,142		1982-----	2,507,988	
1978-----	2,408,741		1983-----	1,623,308	
1979-----	2,816,097		1984-----	1,739,203	
1980-----	2,874,661		1985-----	1,722,368	
1981-----	3,123,054		1986-----	1,504,456	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	INTERNAL		
				COASTWISE RECEIPTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	1,504,456	191,833	285,788	4,238	784,718	237,679
0106 BORSUM GRAINS-----	69,366		69,366			
0041 CRUDE RUBBER AND ALLIED BUMS-----	23,691	23,691				
0012 SHELLFISH, EXCEPT PREPARED-----	244				244	
1011 IRON ORE AND CONCENTRATES-----	1,470					1,470

Waterborne Commerce of the United States, 1986

BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTERNAL
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
1051 ALUMINUM ORES, CONCENTRATED	25,510	11,023				14,487
1061 MANGANESE ORES, CONCENTRATED	25,723	21,448				1,450
1091 NONFERROUS ORES, CONCENT, NEC	12,902	10,125				2,777
1311 CRUDE PETROLEUM	185,437					185,437
1402 SAND, GRAVEL, CRUSHED ROCK	106,032					106,032
1451 CLAY	29,706	23,357				6,349
1493 SULPHUR, LIQUID	44,139					44,139
1499 NONMETALLIC MINERALS, NEC	17,005					9,225
2011 MEAT, FRESH, CHILLED, FROZEN	9,982		9,982			
2039 PREP FRUIT AND VEG JUICE, NEC	8,535	4,032	3,086			1,417
2042 ANIMAL FEEDS	4,528					4,528
2819 BASIC CHEMICALS AND PROD, NEC	93,872	2,191	87,712			3,969
2821 PLASTIC MATERIALS	10		10			
2911 GASOLINE	368,871					368,871
2914 DISTILLATE FUEL OIL	64,223					64,223
2915 INDIVIDUAL FUEL OIL	10,361					3,936
2916 LUBRICATING OILS AND GREASES	214,744	89,764		4,238		120,742
2991 PETROLEUM AND COAL PROD, NEC	2,284					2,284
3311 PIG IRON	7,307	5,886				1,421
3314 IRON AND STEEL PRIMARY FORMS	1,325					1,325
3315 IRON, STEEL SHAPES, EXC SHEET	16,402	24				14,698
3316 IRON AND STEEL PLATES, SHEETS	127,319		104,152			16,826
3318 FERROALLOYS	1,420					1,420
3319 IRON AND STEEL PRODUCTS, NEC	3,012		10,868			1,352
3411 FABRICATED METAL PRODUCTS	185	185				
3511 MACHINERY, EXCEPT ELECTRICAL	603	68	535			
3611 ELECTRICAL MACH AND EQUIP	10	8	2			
3731 SHIPS AND BOATS	75		75			
3811 INSTR, TIME, PHOTO, OPT GOODS	2	2				
4011 IRON AND STEEL SCRAP	17,292					3,210
4012 NONFERROUS METAL SCRAP	67	67				
4112 COMMODITIES, NEC	402	2				400

SUMMARY OF TRAFFIC, BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
BROWNSVILLE, TEX.	1,212,743	191,833	285,788	4,238		678,442	52,442
PORT ISABEL, TEX.	291,713					106,276	185,437
NET TOTAL, ALL TRAFFIC	1,504,456	191,833	285,788	4,238		784,718	237,879
TOTAL TONNAGE THROUGH JETTIES AT BRAZOS-SANTIAGO PASS, TEX.	481,859						

PORT ISABEL, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO PORT ISABEL, TEX., ABOUT 6 MILES; GULF INTRACASTAL WATERWAY SIDE CHANNELS, 1.3 MILES; SMALL BOAT HARBOR, ABOUT 2 MILES. CONTROLLING DEPTHS: BAR CHANNEL, 38 FEET; INSIDE CHANNEL, 35 FEET; SIDE CHANNELS, 11.0 FEET; SMALL BOAT HARBOR, 6.5 FEET. PROJECT DEPTHS: BAR CHANNEL, 38 FEET; INSIDE CHANNEL, 36 FEET; SIDE CHANNELS 12 FEET; PORT ISABEL SMALL BOAT HARBOR 7 AND 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	203,702	1982	307,856
1978	245,151	1983	284,754
1979	304,021	1984	257,781
1980	304,464	1985	279,578
1981	313,036	1986	291,713

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	291,713	106,276	185,437
3912 SHELLFISH, EXCEPT PREPARED	244	244	
1311 CRUDE PETROLEUM	185,437		185,437
1402 SAND, GRAVEL, CRUSHED ROCK	106,032	106,032	

GALVESTON, TX, DISTRICT

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BROWNSVILLE, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO NEAR BROWNSVILLE, TEX., ABOUT 18 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.2 MILES. CONTROLLING DEPTHS: BAR CHANNEL, 38 FEET; INSIDE CHANNEL, 38 FEET; FISHING BOAT HARBOR, 15.0 FEET, PROJECT DEPTH: BAR CHANNEL, 38 FEET; REMAINDER OF PROJECT, 36 FEET; EXCEPT BROWNSVILLE FISHING BOAT HARBOR, 15 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	2,130,440		1982	2,200,132	
1978	2,163,590		1983	1,338,550	
1979	2,508,076		1984	1,481,422	
1980	2,569,697		1985	1,442,791	
1981	2,810,018		1986	1,212,743	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTERNAL
				RECEIPTS	RECEIPTS		SHIPMENTS
TOTAL	1,212,743	191,833	285,788	4,238	678,442	52,442
0106 SORGHUM GRAINS	69,366		69,366			
0841 CRUDE RUBBER AND ALLIED GUMS	23,691	23,691				
1011 IRON ORE AND CONCENTRATES	1,470					1,470
1051 ALUMINUM ORES, CONCENTRATES	25,510	11,023			14,487	
1061 MANGANESE ORES, CONCENTRATES	25,723	21,448			1,450	2,825
1091 NONFERROUS ORES, CONCENT, NEC	12,902	10,125				2,777
1451 CLAY	29,706	23,357			6,349	
1493 SULPHUR, LIQUID	44,139				44,139	
1499 NONMETALLIC MINERALS, NEC	17,005				9,225	7,780
2011 MEAT, FRESH, CHILLED, FROZEN	9,982		9,982			
2039 PREP FRUIT AND VEG JUICE, NEC	8,535	4,032	3,086			1,417
2042 ANIMAL FEEDS	4,528					4,528
2819 BASIC CHEMICALS AND PROD, NEC	93,872	2,191	87,712		3,969	
2821 PLASTIC MATERIALS	10		10			
2911 GASOLINE	368,871				368,871	
2914 DISTILLATE FUEL OIL	64,223				64,223	
2915 RESIDUAL FUEL OIL	10,361				3,936	6,425
2916 LUBRICATING OILS AND GREASES	214,744	89,764		4,238	120,742	
2991 PETROLEUM AND CDAL PROD, NEC	2,284				2,284	
3311 PIG IRON	7,307	5,846			1,461	
3314 IRON AND STEEL PRIMARY FORMS	1,325					1,325
3315 IRON, STEEL SHAPES, EXC SHEET	16,402	24			14,698	1,680
3316 IRON AND STEEL PLATES, SHEETS	127,319		104,152		16,626	6,541
3318 FERROALLOYS	1,420				1,420	
3319 IRON AND STEEL PRODUCTS, NEC	13,412		10,868		1,352	1,192
3411 FABRICATED METAL PRODUCTS	185	185				
3511 MACHINERY, EXCEPT ELECTRICAL	603	68	535			
3611 ELECTRICAL MACH AND EQUIP	10	8	2			
3731 SHIPS AND BOATS	75		75			
3811 INSTR, TIME, PHOTO, OPT GOODS	2	2				
4011 IRON AND STEEL SCRAP	17,292				3,210	14,082
4312 NONFERROUS METAL SCRAP	67	67				
4112 COMMODITIES, NEC	402	2				400

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANAMUAC CHANNEL, TEX.,-----	1411 LIMESTONE-----	40,564		
	2871 NITROGENOUS CHEM FERTILIZERS-----	8,098		
	TOTAL-----	48,662	243,310	
CHANNEL TO ARANSAS PASS, TEX.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	821	293,681	
CHANNEL TO PALACIOS, TEX.,-----	NO COMMERCE REPORTED			
CHANNEL TO PORT BOLIVAR, TEX.,-----				12,794,389
CLEAR CREEK, TEX.,-----	NO COMMERCE REPORTED			
DOUBLE BAYOU, TEX.,-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	14,145	42,435	
PORT MANSFIELD, TEX.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	36		
	0912 SHELLFISH, EXCEPT PREPARED-----	160		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	18		
	1499 NONMETALLIC MINERALS, NEC-----	85		
	2095 ICE-----	632		
	2819 BASIC CHEMICALS AND PROD, NEC-----	43		
	2914 DISTILLATE FUEL OIL-----	75		
	2916 LUBRICATING OILS AND GREASES-----	7		
	3317 IRON AND STEEL PIPE AND TUBE-----	22		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	997		
	3911 MISC MANUFACTURED PRODUCTS-----	164		
	4111 WATER-----	1,644		
	TOTAL-----	3,803	5,436	
ROCKPORT, TEX.,-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	14,576	43,720	
TRINITY RIVER CHANNEL TO LIBERTY, TEX.,-----	1411 LIMESTONE-----	35,832		
	2871 NITROGENOUS CHEM FERTILIZERS-----	8,098		
	TOTAL-----	43,930	667,126	

MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT)

SECTION INCLUDED: MINNEAPOLIS, MINN., TO MOUTH OF PASSES. FOR NAVIGATION SEASONS, CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977	396,771,216		396,771,216	2,248,415	1982	407,598,656		407,598,656	1,361,080
1978	413,065,660		413,065,660	2,025,602	1983	392,135,433		392,135,433	1,596,070
1979	430,170,679		430,170,679	1,178,330	1984	397,346,066		397,346,066	1,579,295
1980	441,544,078		441,544,078	1,249,455	1985	383,964,109		383,964,109	3,207,349
1981	446,382,354		446,382,354	967,494	1986	399,943,843		399,943,843	3,611,540

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

	EASTBOUND	WESTBOUND
NUMBER OF EMPTY CARS TRANSPORTED	-----	-----
NUMBER OF LOADED CARS TRANSPORTED	-----	-----
NUMBER OF TRIPS, DRAFT 6 TO 9 FEET	-----	-----

FREIGHT TRAFFIC, 1986

OCEANGUING

(SMURT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	153,597,567	35,040,513	81,080,553	97,509	4,243	19,063,957	17,977,547	254,420	78,825
0101 COTTON, RAW	16,356		16,356						
0102 BARLEY AND RYE	2,929		2,929						
0103 CORN	19,830,679		19,718,200				112,479		
0104 OATS	360,259	348,279					4,820		
0105 RICE	916,404		916,404						
0106 SORGHUM GRAINS	2,605,760		2,604,297		28		1,435		
0107 WHEAT	4,916,480		4,687,025				229,455		
0111 SOYBEANS	17,456,957		17,456,957						
0119 OILSEEDS, NEC	13,173		11,322						1,851
0121 TOBACCO, LEAF	222	91	131						
0129 FIELD CROPS, NEC	7,736	417	7,319						
0131 FRESH FRUITS	560	71	497						
0133 COFFEE	134,756	133,549	1,207						
0134 COCOA BEANS	33	33							
0141 FRESH AND FROZEN VEGETABLES	40,194	1,021	39,155		20				
0151 LIVE ANIMALS	1		1						
0161 ANIMALS AND PRODUCTS, NEC	426	174	252						
0191 MISCELLANEOUS FARM PRODUCTS	124	104	24						
0801 CRUDE RUBBER AND ALLIED GUMS	193,721	193,647	74						
0861 FOREST PRODUCTS, NEC	2,092	1,977	115						
0911 FRESH FISH, EXCEPT SHELLFISH	542	490	52						
0912 SHELLFISH, EXCEPT PREPARED	220	192	28						
0931 MARINE SHELLS, UNMANUFACTURED	41	41							
1011 IRON ORE AND CONCENTRATES	1,761,565	1,744,825	231			16,509			
1021 COPPER ORE AND CONCENTRATES	66,415		66,415						
1051 ALUMINUM ORES, CONCENTRATES	3,179,277		2,161						
1061 MANGANESE ORES, CONCENTRATES	260,402	256,785	3,617						
1091 NONFERROUS ORES, CONCENT. NEC	149,447	142,462	1,481	5,704					
1121 COAL AND LIGNITE	14,817,509	488,748	9,400,822				4,921,939		
1311 CRUDE PETROLEUM	23,784,793	18,271,257		58,211		9,380,160		75,165	
1411 LIMESTONE	60,934	60,915	19						
1442 SAND, GRAVEL, CRUSHED ROCK	13,395	12,590	805						
1451 CLAY	405,630	365,391	40,239						
1471 PHOSPHATE ROCK	7,718,745	534,355	796			7,169,757		13,637	
1492 SULPHUR, DRY	2,508		2,508						
1493 SULPHUR, LIQUID	1,670,966					97,328		1,573,638	
1494 GYPSUM, CRUDE AND PLASTERS	358,721	358,528	193						
1499 NONMETALLIC MINERALS, NEC	205,060	185,934	17,622						1,504
1911 ORNANCE AND ACCESSORIES	719	719							
2011 MEAT, FRESH, CHILLED, FROZEN	5,255	517	4,726		12				
2012 MEAT AND PRODUCTS, NEC	13,094	12,850	227		17				
2015 TALLOW, ANIMAL FATS AND OILS	373,592		362,804					10,788	
2019 ANIMAL BY-PRODUCTS, NEC	1,421		1,421						
2021 DAIRY PRODUCTS, NEC	142		108						
2022 DRIED MILK AND CREAM	35,849	105	35,744						
2031 FISH AND SHELLFISH, PREPARED	1,316	1,245	21						
2034 VEGETABLES AND PREP. NEC	7,833	2,544	5,278	11					
2039 PREP FRUIT AND VEG JUICE, NEC	4,062	3,229	833						
2041 WHEAT FLOUR AND SEMOLINA	41,757		41,757						
2042 ANIMAL FEEDS	7,414,490	28,926	7,303,171			62,992		15,751	3,650
2049 GRAIN MILL PRODUCTS, NEC	5,548,882	305	5,498,529		154			49,894	
2051 SUGAR	938,333	380,775	318,732	3,185		237,641			
2052 MOLASSES	482,126	482,126							
2091 ALCOHOLIC BEVERAGES	10,340	13,510	583	228					
2091 VEGETABLE OILS, HARD, SHORT	1,238,720	394,333	817,527					21,852	
2092 ANIMAL OILS AND FATS, NEC	91,756	2,796	88,960						
2095 ICE	698		698						

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2009 MISCELLANEOUS FOOD PRODUCTS	58,115	14,475	40,611		29				
2111 TOBACCO MANUFACTURES	471		271						
2212 BASIC TEXTILE PRODUCTS	40,607	29,959	2,639	9					
2212 TEXTILE FIBERS, NEC	6,552	6,552							
2311 APPAREL	563	448	92	17	6				
2411 LBS	49,033	92	24,963						
2413 FUEL WOOD, CHARCOAL, BARK	41		41						
2414 TIMBER, PULPS, PULPS, PELLETS	711	174	537						
2415 PULPHOOD, LOGS	2,039		2,039						
2419 WOOD CHIPS, STAVES, WOOD	4,163	4,000	163						
2421 LUMBER	40,609	22,911	17,698						
2431 VENEER, PLYWOOD, SANDWICH	229,871	153,415	76,456						
2491 WOOD MANUFACTURES, NEC	14,219	12,550	1,669						
2511 FURNITURE AND FIXTURES	2,022	1,595	424	3					
2611 PULP	465,222	21	465,201						
2621 STANDARD NEWSPRINT PAPER	5,793	5,793	126						
2631 PAPER AND PAPER PRODUCTS	330,219	65,406	264,797	16					
2691 PULP AND PAPER PRODUCTS, NEC	2,306	116	2,189	1					
2711 PRINTED MATTER	224	44	175	1					
2810 SODIUM HYDROXIDE	316,466						284,337	6,290	23,839
2811 CRUDE TAN, YEL. SUB. PRODUCTS	37,600	12,856	24,744						
2812 DYES, PIGMENT, TANNING MATS	36		36						
2813 ALCOHOLS	519,823	117,705	237,281			4,401	154,843	5,503	
2816 RADIOACTIVE MATERIALS, WASTE	4,705	4,705							
2817 BENZENE AND TOLUENE	80,301	61,774				18,527			
2819 BASIC CHEMICALS AND PROD. NEC	5,181,115	3,000,879	1,955,718	41	466	9,119	212,453	2,439	
2821 PLASTIC MATERIALS	46,181	5,906	39,819	43	413				
2822 SYNTHETIC RUBBER	12,508	1,199	11,366		23				
2823 SYNTHETIC (MAN-MADE) FIBERS	2,707		2,707						
2831 DRUGS	6,339	5,129	1,194		16				
2841 SOAP	4,731	3,291	1,389		51				
2851 PAINTS	15,899	15,125	714		60				
2861 GUM AND GUMM CHEMICALS	4,929	402	4,527		60				
2871 NITROGENOUS CHEM FERTILIZERS	1,079,545	1,453,360	344,063		4,500	64,160		13,462	
2872 POTASSIC CHEM FERTILIZERS	142,049	120,816	21,233						
2873 PHOSPHATIC CHEM FERTILIZERS	475,351		117,375			357,976			
2876 INSECTICIDES, DISINFECTANTS	10,843	8,881	9,906		56				
2879 FERTILIZER AND MATERIALS, NEC	2,305,288	63	1,277,448			1,107,777			
2891 MISCELLANEOUS CHEMICAL PROD	117,841	34,506	67,844		16	14,723	752		
2911 GASOLINE	3,590,975		26,857				3,564,116		
2912 JET FUEL	419,398		124,544				294,854		
2913 KEROSENE	300,732	99,901	34,796			133,625	32,410		
2914 DISTILLATE FUEL OIL	4,058,781	438,449	402,052			45,241	3,155,337	17,702	
2915 RESIDUAL FUEL OIL	4,991,047	755,713	1,470,999			187,449	2,533,887	42,999	
2916 LUBRICATING OILS AND GREASES	1,039,674	140,542	506,985		107	55,050	336,990		
2917 NAPHTHA, PETROLEUM SOLVENTS	569,717	408,387	42			69,303	33,964	54,750	3,271
2918 ASPHALT, TAN, AND PITCHES	380,755	6,821	61,934				312,000		
2920 COKE, PETROLEUM COKE	2,663,421	244,174	2,416,317	2,880	50				
2921 LIQUEFIED GASES	216,974	89,800	461			51,548	28,201	17,440	29,526
2951 ASPHALT BUILDING MATERIALS	5		5						
2991 PETROLEUM AND COAL PROD, NEC	60,190	4,000	5,045		1	40,331	10,813		
3011 RUBBER AND MISC PLASTIC PROD	14,783	10,137	4,454	186	6				
3111 LEATHER AND LEATHER PRODUCTS	593	506	75	12	6				
3211 GLASS AND GLASS PRODUCTS	17,490	13,928	1,562						
3241 BUILDING CEMENT	784,286	761,480	340	15,247				8,219	
3251 STRUCTURAL CLAY PRODUCTS	7,306	2,431	4,747	39	89				
3291 CUT STONE AND STONE PRODUCTS	3,150	3,002	10	138					
3291 MISC NONMETALLIC MINERAL PROD	6,000	3,171	2,791	38					
3311 PIG IRON	61,589	56,987	4,602						
3314 IRON AND STEEL PRIMARY FORMS	256,404	250,104	6,300						
3315 IRON, STEEL SHAPES, EXC SHEET	1,526,252	1,519,903	6,348		1				
3316 IRON AND STEEL PLATES, SHEETS	42,170	16,041	26,026		103				
3317 IRON AND STEEL PIPE AND TUBE	285,924	281,963	3,961						
3318 FERROALLOYS	377,076	360,040	4,142	10,951	1,943				
3319 IRON AND STEEL PRODUCTS, NEC	42,297	38,163	3,133		57		944		
3321 NONFERROUS METALS, NEC	6,352	3,345	3,007						
3322 COPPER ALLOYS, UNWORKED	54,214	52,400	1,814						
3323 LEAD AND ZINC, UNWORKED	41,318	27,470	13,847		1				
3324 ALUMINUM AND ALLOYS, UNWORKED	287,941	285,514	2,403	21	3				
3411 FABRICATED METAL PRODUCTS	140,492	131,311	8,654	40	147			310	30
3511 MACHINERY, EXCEPT ELECTRICAL	102,085	68,570	31,179	219	225			1,400	492
3611 ELECTRICAL MACH AND EQUIP	39,324	31,460	6,529	102	33				1,200
3711 MOTOR VEHICLES, PARTS, EQUIP	66,312	57,538	8,580	142	12				
3721 AIRCRAFT AND PARTS	67	30	37						
3751 SHIPS AND BOATS	1,240	777	503						
3791 MISC TRANSPORTATION EQUIPMENT	1,637	731	906						
3811 INSTR, TIME, PHOTO, OPT GOODS	454	140	514						
3911 MISC MANUFACTURED PRODUCTS	978	841	135	2					
4011 IRON AND STEEL SCRAP	1,378,583	22,217	1,352,366						
4012 NONFERROUS METAL SCRAP	70,405	65,398	5,207						
4022 TEXTILE WASTE, SCRAP, BLEEP	627	19	608						
4024 PAPER WASTE AND SCRAP	2,085		2,085						
4029 WASTE AND SCRAP, NEC	21,709						1,596	20,113	
4112 COMMODITIES, NEC	17,725	11,172	6,500		53				
9999 DEPARTMENT OF DEFENSE AND SCI	8,841		8,841						

TON-MILES, OCEANGOING, 24,115,971,073.

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSEB
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
3314 IRON AND STEEL PRIMARY FORMS---	1,144,020	26,468	21,799	647,936	86,480	75,067	2,000	108,672	175,598
3315 IRON, STEEL SHAPES, EXC SHEET---	1,525,174	75,282	19,207	718,910	107,856	52,968	-----	182,159	360,792
3316 IRON AND STEEL PLATES, SHEETS---	700,968	22,080	37,082	185,468	101,862	51,385	6,583	39,659	256,849
3317 IRON AND STEEL PIPE AND TUBE---	421,533	8,526	2,555	182,535	25,523	11,131	143	105,555	85,564
3318 FERROALLOYS-----	864,820	29,426	17,939	329,394	36,501	17,383	2,132	403,221	28,824
3319 IRON AND STEEL PRODUCTS, NEC---	234,966	8,386	18,108	114,183	12,916	10,053	1,000	18,936	51,384
3321 NONFERROUS METALS, NEC-----	14,617	1,353	-----	1,261	-----	-----	-----	12,003	-----
3322 COPPER ALLOYS, UNWORKED-----	35,712	-----	-----	1,711	-----	33,505	496	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	86,406	26,178	7,418	19,466	-----	10,492	-----	15,734	7,120
3324 ALUMINUM AND ALLOYS, UNWORKED---	171,453	-----	410	140,835	3,548	4,436	-----	20,406	1,818
3411 FABRICATED METAL PRODUCTS-----	148,960	2,782	2,618	110,872	10,744	3,926	-----	14,634	3,384
3511 MACHINERY, EXCEPT ELECTRICAL---	160,179	7,427	6,646	56,615	7,442	7,112	4,606	29,170	42,161
3611 ELECTRICAL MACH AND EQUIP-----	12,135	-----	-----	190	221	11,717	-----	7	-----
3711 MOTOR VEHICLES, PARTS, EQUIP---	9,075	-----	1,996	6,837	-----	-----	-----	6	236
3751 SHIPS AND BOATS-----	473	-----	16	7	-----	-----	-----	-----	450
3791 MISC TRANSPORTATION EQUIPMENT---	849	-----	24	805	-----	-----	-----	10	10
3911 MISC MANUFACTURED PRODUCTS-----	329,724	10	1,404	160	11	-----	-----	180,659	147,880
4011 IRON AND STEEL SCRAP-----	2,882,092	430,736	1,268,910	52,887	37,777	5,942	195,558	94,140	796,142
4012 NONFERROUS METAL SCRAP-----	15,521	-----	6,091	-----	-----	-----	9,430	-----	-----
4029 WASTE AND SCRAP, NEC-----	198,062	5,827	-----	6,283	99,502	-----	4,061	1,487	74,962
4111 WATER-----	328,893	-----	9,108	57	-----	1,800	-----	13,055	300,873
4112 COMMODITIES, NEC-----	74,165	2,800	32,069	5,103	812	-----	-----	13,575	19,806
4118 WATERWAY IMPROVEMENT MAT-----	7,782,365	16,600	1,402,045	18,200	1,076,300	395,769	3,305,721	3,200	1,564,530
4119 EMPTY CONTAINERS-----	1,042	402	336	197	25	-----	-----	79	3

TON-MILES, INTERNAL, 141,944,845,198.

TONS, ALL TRAFFIC, 399,943,843.
TON-MILES, ALL TRAFFIC, 166,058,816,271.

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSEB)

SECTION INCLUDED: MINNEAPOLIS, MINN. TO MOUTH OF MISSOURI RIVER; UPPER MISSISSIPPI RIVER FROM MILE 857.6 TO MILE 195. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET. NAVIGATION SEASONS: 23 MARCH TO 5 DECEMBER 1986 UPPER PORTION; ANNUAL CLOSURE IN UPPER PORTION DUE TO WINTER FREEZE-UP: OPEN ALL YEAR IN LOWER PORTION EXCEPT DURING BRIEF PERIODS WHEN THE CHANNEL MAY BE BLOCKED BY ICE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977-----	67,218,142	-----	67,218,142	590,352	1982-----	74,660,831	-----	74,660,831	514,828
1978-----	68,976,381	-----	68,976,381	403,852	1983-----	84,147,867	-----	84,147,867	642,953
1979-----	68,614,662	-----	68,614,662	132,842	1984-----	81,776,448	-----	81,776,448	541,408
1980-----	76,398,879	-----	76,398,879	443,853	1985-----	72,039,185	-----	72,039,185	802,135
1981-----	74,531,548	-----	74,531,548	246,310	1986-----	73,720,763	-----	73,720,763	1,000,848

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL						THROUGH	
		INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	73,720,763	10,290,923	534,458	706,817	20,414,222	5,215,344	1,525,410	13,454,280	21,579,309
0102 BARLEY AND RYE-----	30,030	-----	-----	-----	28,560	-----	-----	-----	1,470
0103 CORN-----	15,139,609	1,548	1,426	-----	5,723,742	2,900	2,876	2,884	9,004,233
0104 OATS-----	39,403	6,867	-----	-----	14,225	-----	-----	7,477	10,834
0105 RICE-----	5,600	4,200	-----	-----	-----	-----	-----	-----	1,400
0106 BORGHUM GRAINS-----	148,960	-----	-----	-----	97,841	-----	-----	11,620	39,499
0107 WHEAT-----	2,044,521	35,607	2,906	-----	1,041,291	-----	41,906	1,578	921,233
0111 SOYBEANS-----	9,561,424	3,095	1,500	-----	4,035,695	3,105	4,258	1,520	5,512,251
0119 OILSEEDS, NEC-----	2,554	2,554	-----	-----	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS---	2,838	-----	-----	-----	-----	-----	-----	-----	2,838
0931 MARINE SMELLS, UNMANUFACTURED---	27,117	15,223	-----	-----	-----	-----	-----	11,894	-----
1011 IRON ORE AND CONCENTRATES-----	61,073	-----	-----	-----	-----	-----	-----	61,073	-----
1051 ALUMINUM ORES, CONCENTRATES-----	124,416	116,052	-----	-----	5,400	-----	-----	2,964	-----
1061 MANGANESE ORES, CONCENTRATES-----	33,007	10,751	-----	-----	-----	-----	-----	21,445	811
1091 NONFERROUS ORES, CONCENT, NEC---	28,799	19,162	-----	-----	-----	-----	-----	9,637	-----
1121 COAL AND LIGNITE-----	10,997,057	5,059,775	-----	49,036	225,266	1,011,019	574,147	4,074,894	2,920
1311 CRUDE PETROLEUM-----	340,023	26,550	136,632	-----	173,244	-----	-----	-----	3,597
1411 LIMESTONE-----	93,480	-----	-----	-----	5,875	61,657	-----	25,948	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,077,791	41,256	-----	-----	21,074	2,716,672	217,975	42,729	36,085
1454 CLAY-----	34,147	23,561	-----	-----	9,177	-----	-----	1,409	-----
1471 PHOSPHATE ROCK-----	1,502	-----	-----	-----	-----	-----	-----	1,502	-----
1479 NATURAL FERTILIZER MATS, NEC---	4,903	-----	-----	-----	-----	-----	-----	4,903	-----
1494 NYMPHUM, CRUDE AND PLASTERS-----	131,271	62,149	-----	-----	42,130	-----	6,509	20,483	-----
1499 NONMETALLIC MINERALS, NEC-----	1,705,143	663,230	-----	-----	-----	-----	-----	1,040,465	1,448
2014 TALLOW, ANIMAL FATS AND OILS---	56,945	-----	-----	-----	-----	-----	-----	-----	56,945
2042 ANIMAL FEEDS-----	3,067,763	23,814	-----	-----	1,629,034	-----	-----	28,399	1,386,516

MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL						THROUGH	
		INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND				
2049 GRAIN MILL PRODUCTS, NEC-----	2,179,696	1,004		1,730,057			2,718	1,600	444,317
2061 SUGAR-----	75,766							75,766	
2062 MOLASSES-----	136,168	62,335		4,289			2,790	66,754	
2091 VEGETABLE OILS, MARG, SHORT-----	396,958	4,989		358,144		1,711	2,867	20,705	6,542
2092 ANIMAL OILS AND FATS, NEC-----	3,185	3,185							
2211 BASIC TEXTILE PRODUCTS-----	8,358	8,358							
2811 LOGS-----	1,819					1,319	500		
2814 TIMBER, POSTS, POLES, PILING-----	1,078	1,078							
2815 PULPMOOD, LOG-----	1,368							1,368	
2821 LUMBER-----	10,490							8,225	2,224
2831 VENEER, PLYWOOD, WORKED WOOD-----	13,867	1,402						12,465	
2811 PULP-----	1,328							1,328	
2821 STANDARD NEWSPRINT PAPER-----	6,997	6,063						934	
2831 PAPER AND PAPERBOARD-----	24,490	5,370						19,120	
2810 SODIUM HYDROXIDE-----	721,964	122,786		3,176				580,774	15,226
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	212,782	18,786		1,400				112,293	80,303
2813 ALCOHOLS-----	862,217	83,148		94,374	193,176	1,745	26,441	241,029	242,304
2817 BENZENE AND TOLUENE-----	249,999	13,136	11,760		140,857			50,900	33,346
2818 SULPHURIC ACID-----	24,322	8,787			13,938				1,597
2819 BASIC CHEMICALS AND PROD, NEC-----	1,684,523	327,250		2,500	29,761	10,000	17,500	1,458,162	39,350
2821 PLASTIC MATERIALS-----	1,827							1,827	
2871 NITROGENOUS CHEM FERTILIZERS-----	1,666,012	673,748		3,556	129,052	38,114	52,859	711,712	56,971
2872 POTASSIC CHEM FERTILIZERS-----	759,221	28,628			436,748	1,404	203,500	85,948	2,993
2873 PHOSPHATIC CHEM FERTILIZERS-----	180,180	86,458						93,722	
2879 FERTILIZER AND MATERIALS, NEC-----	1,880,916	759,162			12,870	3,152	3,131	1,098,858	3,743
2891 MISCELLANEOUS CHEMICAL PROD-----	90,453	3,061						58,550	28,842
2911 GASOLINE-----	2,553,293	553,934	98,104	192,641	627,961	627,919	164,901	184,460	103,373
2912 JET FUEL-----	9,197		3,219	4,486	1,492				
2913 KEROSENE-----	66,565	14,612		3,309	8,468			32,511	7,665
2914 DISTILLATE FUEL OIL-----	1,293,173	136,422	5,065	73,340	407,808	282,873	4,730	182,593	198,342
2915 RESIDUAL FUEL OIL-----	2,170,339	206,616	38,211	57,059	836,151	34,744		640,278	357,280
2916 LUBRICATING OILS AND GREASES-----	553,273	198,351	42,248		14,080			264,735	33,859
2917 ASPHALT, PETROLEUM SOLVENTS-----	295,803	113,523	7,181					141,862	33,257
2918 ASPHALT, TAR, AND PITCHES-----	1,668,685	53,737	116,946	182,815	824,178	34,430	106,501	142,193	207,885
2920 COKE, PETROLEUM COKE-----	1,658,235	144,976			271,327		27,585	235,164	979,181
2921 LIQUEFIED GASES-----	7,798	7,798							
2991 PETROLEUM AND COAL PROD, NEC-----	6,546				3,546			1,400	1,600
3241 BUILDING CFMENT-----	1,796,397	154,333			1,162,613	346,160	61,616	71,675	
3251 STRUCTURAL CLAY PRODUCTS-----	2,974	1,539			1,435				
3271 LIME-----	119,753							107,694	12,059
3281 CUT STONE AND STONE PRODUCTS-----	9,115					1,515		7,600	
3311 PIG IRON-----	58,836	7,265						50,126	1,445
3312 SLAG-----	324,918	48,954		43,024	6,030	34,382		188,084	4,444
3314 IRON AND STEEL PRIMARY FORMS-----	410,655	11,463			50,086			246,670	102,436
3315 IRON, STEEL SHAPES, EXC SHEET-----	712,876	49,307	1,400		8,770			388,474	264,325
3316 IRON AND STEEL PLATES, SHEETS-----	180,107	21,396			1,446	523		50,803	105,939
3317 IRON AND STEEL PIPE AND TUBE-----	79,239	9,259						69,980	
3318 FERROALLOYS-----	184,926	10,469			12,640			150,305	11,512
3319 IRON AND STEEL PRODUCTS, NEC-----	101,711	2,882			1,352			48,532	48,945
3321 NONFERROUS METALS, NEC-----	10,557	1,353		677				8,527	
3323 LEAD AND ZINC, UNWORKED-----	16,716							16,716	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	22,069	932						21,137	
3411 FABRICATED METAL PRODUCTS-----	34,812							34,812	
3511 MACHINERY, EXCEPT ELECTRICAL-----	31,331	1,505			2,373		100	11,040	16,313
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,308							2,491	817
3731 SHIPS AND BOATS-----	16								16
4011 IRON AND STEEL SCRAP-----	1,110,827	204,167	67,660		54,984			61,170	722,846
4012 NONFERROUS METAL SCRAP-----	1,567								1,567
4029 WASTE AND SCRAP, NEC-----	33,461				11,460				22,001
4111 WATER-----	1,200								1,200
4118 WATERWAY IMPROVEMENT MAT-----	15,150							15,150	

TOTAL TON-MILES, 12,871,936,452.

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER; UPPER MISSISSIPPI RIVER FROM MILE 195 TO MILE 0. CONTROLLING DEPTH 9 FEET, VIA THE CHAIN OF ROCKS CANAL, BYPASSING CHAIN OF ROCKS REACH. PROJECT DEPTH 9 FEET. NAVIGATION SEASON: ENTIRE YEAR, EXCEPT DURING BRIEF PERIODS WHEN THE CHANNEL MAY BE BLOCKED BY ICE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977-----	74,511,955		74,511,955	1,015,421	1982-----	90,495,924		90,495,924	321,577
1978-----	79,328,171		79,328,171	1,127,143	1983-----	98,728,458		98,728,458	360,825
1979-----	80,435,159		80,435,159	507,207	1984-----	103,627,661		103,627,661	372,689
1980-----	92,914,550		92,914,550	308,404	1985-----	92,667,520		92,667,520	686,504
1981-----	92,200,740		92,200,740	263,264	1986-----	97,722,986		97,722,986	619,321

NOTE: PASSENGER TOTALS ABOVE EXCLUDE PERRY PASSENGERS.

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSEB)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

Table with columns: COMMODITY, TOTAL, UPBOUND, DOWNBOUND, INTERNAL (UPBOUND, DOWNBOUND), THROUGH (UPBOUND, DOWNBOUND). Rows include various commodities like BARLEY AND RYE, CORN, DATE, RICE, SOYBEANS, OILSEEDS, ANIMALS AND PRODUCTS, CRUDE RUBBER, MARINE SHELLS, IRON ORE AND CONCENTRATES, ALUMINUM ORES, COAL AND LIGNITE, CRUDE PETROLEUM, LIMESTONE, SAND, GRAVEL, CRUSHED ROCK, PHOSPHATE ROCK, NATURAL FERTILIZER MATS, GYPSUM, NONMETALLIC MINERALS, TALLOW, ANIMAL FATS AND OILS, WHEAT FLOUR AND SEMOLINA, ANIMAL FEEDS, GRAIN MILL PRODUCTS, SUGAR, MOLASSES, VEGETABLE OILS, MINERAL OILS AND FATS, BASIC TEXTILE PRODUCTS, LOGS, LUMBER, VENEER, PLYWOOD, STANDARD NEWSPRINT PAPER, PAPER AND PAPERBOARD, SODIUM HYDROXIDE, CRUDE TAR, OIL, GAS PRODUCTS, ALCOHOLS, BENZENE AND TOLUENE, SULPHURIC ACID, BASIC CHEMICALS AND PROD., PLASTIC MATERIALS, NITROGENOUS CHEM FERTILIZERS, POTASSIC CHEM FERTILIZERS, PHOSPHATIC CHEM FERTILIZERS, FERTILIZER AND MATERIALS, MISCELLANEOUS CHEMICAL PROD., GASOLINE, JET FUEL, KEROSENE, DISTILLATE FUEL OIL, RESIDUAL FUEL OIL, LUBRICATING OILS AND GREASES, NAPHTHA, PETROLEUM SOLVENTS, ASPHALT, TAR, AND BITUMENS, COKE, PETROLEUM COKE, LIQUEFIED GASES, PETROLEUM AND COAL PROD., BUILDING CEMENT, STRUCTURAL CLAY PRODUCTS, LIME, CUT STONE AND STONE PRODUCTS, PIG IRON, SLAG, IRON AND STEEL PRIMARY FORMS, IRON, STEEL SHAPES, EXC SHEET, IRON AND STEEL PLATES, SHEETS, IRON AND STEEL PIPE AND TUBE, FERROALLOYS, IRON AND STEEL PRODUCTS, NONFERROUS METALS, COPPER ALLOYS, UNWORKED, LEAD AND ZINC, UNWORKED, ALUMINUM AND ALLOYS, UNWORKED, FABRICATED METAL PRODUCTS, MACHINERY, EXCEPT ELECTRICAL, MOTOR VEHICLES, PARTS, EQUIP, SHIPS AND BOATS, IRON AND STEEL SCRAP, NONFERROUS METAL SCRAP, WASTE AND SCRAP, NEC.

MISSISSIPPI RIVER

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL								
		INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH		
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND	
4111 WATER-----	1,200	-----	-----	-----	-----	-----	-----	-----	1,200	
4118 WATERWAY IMPROVEMENT MAT-----	4,351,440	-----	-----	15,150	3,556,663	389,769	387,858	-----	-----	
TOTAL TON-MILES, 16,359,363,600.										

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA., (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF OHIO RIVER TO BATON ROUGE, LA; LOWER MISSISSIPPI RIVER FROM MILE 954 TO MILE 236. CONTROLLING DEPTHS: NOT LESS THAN 9 FEET MAINTAINED DURING LOW WATER AND COMMENSURABLY GREATER DEPTHS AVAILABLE DURING THE HIGH WATER SEASON. PROJECT DEPTHS: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977-----	124,061,787	-----	124,061,787	30,435	1982-----	143,100,665	-----	143,100,665	64,453
1978-----	135,158,191	-----	135,158,191	42,136	1983-----	148,147,967	-----	148,147,967	73,260
1979-----	137,009,630	-----	137,009,630	29,847	1984-----	156,581,790	-----	156,581,790	77,275
1980-----	146,271,193	-----	146,271,193	28,469	1985-----	149,874,491	-----	149,874,491	63,846
1981-----	149,285,108	-----	149,285,108	64,774	1986-----	156,194,188	-----	156,194,188	67,291

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

	EASTBOUND	WESTBOUND
NUMBER OF EMPTY CARS TRANSPORTED-----	-----	-----
NUMBER OF LOADED CARS TRANSPORTED-----	-----	-----
NUMBER OF TRIPS, DRAFT 4 TO 9 FEET-----	-----	-----

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		UPBOUND	DOWNBOUND
		TOTAL-----	2,980	1,400	1,580
3411 FABRICATED METAL PRODUCTS-----	30	-----	30
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,750	1,400	350
3611 ELECTRICAL MACH AND EQUIP-----	1,200	-----	1,200
TON-MILES, OCEANGOING, 2,139,640.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
		TOTAL-----	56,191,208	5,934,783	12,905,916	524,306	6,417,386	418,386	508,053	38,178,508	91,303,870
0102 BARLEY AND RYE-----	12,248	-----	-----	-----	-----	-----	-----	-----	12,248
0103 CORN-----	18,963,476	-----	187,765	2,859	293,808	-----	-----	12,461	18,466,987
0104 OATS-----	220,819	92,427	-----	-----	5,434	-----	1,400	110,504	11,054
0105 RICE-----	585,456	4,288	-----	4,200	507,497	-----	5,345	300	363,826
0106 BORGHUM GRAINS-----	2,269,915	7,375	13,081	4,145	741,129	1,603	6,091	2,886	1,493,645
0107 WHEAT-----	4,488,078	2,964	7,012	11,103	630,503	1,536	-----	70,557	3,764,403
0111 SOYBEANS-----	16,442,500	21,631	253,308	13,845	2,170,707	4,598	-----	49,479	13,928,932
0119 OILSEEDS, NEC-----	16,551	-----	-----	12,773	3,778	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	24,452	-----	-----	-----	-----	-----	-----	-----	24,452
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,838	-----	-----	2,838	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	78,332	33,900	4,500	-----	-----	-----	-----	39,932	-----
1011 IRON ORE AND CONCENTRATES-----	1,354,223	-----	-----	-----	-----	-----	-----	1,350,272	3,951
1021 COPPER ORE AND CONCENTRATES-----	83,367	-----	-----	-----	-----	-----	-----	-----	83,367
1031 ALUMINUM ORES, CONCENTRATES-----	199,108	-----	-----	-----	-----	-----	-----	196,265	2,843
1041 MANGANESE ORES, CONCENTRATES-----	93,468	5,201	-----	-----	-----	-----	-----	84,897	3,370
1091 NONFERROUS ORES, CONCENT, NEC-----	335,144	-----	-----	-----	-----	-----	-----	317,971	17,173
1121 COAL AND LIGNITE-----	32,503,019	-----	7,300,733	-----	1,900	-----	-----	72,399	25,127,987
1311 CRUDE PETROLEUM-----	861,643	292,775	-----	-----	283,916	-----	-----	77,331	207,621
1411 Limestone-----	597,163	1,480	107,042	-----	-----	-----	-----	9,489	478,952
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,682,217	-----	1,652,592	39,474	12,377	160,283	204,770	101,022	2,511,699

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.,
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO
MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
1451 CLAY-----	75,413		1,503	1,534				58,958	13,418
1471 PHOSPHATE ROCK-----	52,240							5,992	26,248
1499 NATURAL FERTILIZER MATS, NEC-----	7,852							7,852	
1499 GYPSUM, CRUDE AND PLASTERS-----	170,963							170,963	
1499 NONMETALLIC MINERALS, NEC-----	4,472,423	70,887		7,487				4,300,827	23,422
2014 TALLOW, ANIMAL FATS AND OILS-----	94,772								94,772
2042 ANIMAL FEEDS-----	6,673,703	29,691	22,771	12,203	50,016			165,454	6,393,488
2049 GRAIN MILL PRODUCTS, NEC-----	5,355,223		14,303	2,016	290,671			14,553	5,033,689
2061 SUGAR-----	132,976							132,976	
2062 MOLASSES-----	327,183			1,427				325,756	
2081 ALCOHOLIC BEVERAGES-----	2,430				1,200				1,230
2091 VEGETABLE OILS, MARG, SHORT-----	842,263		40,488		84,498			48,436	668,841
2092 ANIMAL OILS AND FATS, NEC-----	4,461							4,461	
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,321				5,321				
2211 BASIC TEXTILE PRODUCTS-----	13,417							13,417	
2411 LOGS-----	184,946				152,517		8,067		24,362
2414 TIMBER, POSTS, POLES, PILING-----	1,078							1,078	
2415 PULPHOOD, LOG-----	1,384							1,384	
2421 LUMBER-----	19,272			8,968	1,167			8,163	4,974
2431 VENEER, PLYWOOD, WORKED WOOD-----	92,524			26,207	47,031			15,097	4,189
2611 PULP-----	59,688				57,050			2,638	
2621 STANDARD NEWSPRINT PAPER-----	39,317								39,317
2631 PAPER AND PAPERBOARD-----	132,424			7,073	26,228			82,775	18,348
2691 PULP AND PAPER PRODUCTS, NEC-----	44,719				413				44,306
2810 SODIUM HYDROXIDE-----	1,803,859	73,966						1,648,881	81,052
2811 CRUDE TAR, DIL, GAS PRODUCTS-----	446,105	1,578						213,181	231,346
2813 ALCOHOLS-----	1,579,739	94,556	2,862	1,373	1,400			1,295,973	183,975
2817 BENZENE AND TOLUENE-----	256,332	1,447						112,934	143,951
2818 SULPHURIC ACID-----	59,656							10,779	40,877
2819 BASIC CHEMICALS AND PROD, NEC-----	7,815,696	482,279	71,604	13,436				6,917,107	331,270
2821 PLASTIC MATERIALS-----	4,350							1,206	3,144
2822 SYNTHETIC RUBBER-----	9,750							9,750	
2841 SOAP-----	1,400								1,400
2871 NITROGENOUS CHEM FERTILIZERS-----	3,054,795	487,416	47,897	36,965	11,240	3,111	1,494	2,996,045	270,623
2872 POTASSIC CHEM FERTILIZERS-----	432,895	35,016	103,520			1,675		125,359	167,325
2873 PHOSPHATIC CHEM FERTILIZERS-----	454,902	44,667						410,235	
2879 FERTILIZER AND MATERIALS, NEC-----	3,474,645	108,353	3,231		15,069			3,334,561	13,431
2891 MISCELLANEOUS CHEMICAL PROD-----	187,064	1,708						137,165	48,191
2911 GASOLINE-----	5,517,612	2,155,556	19,689	19,856	9,856	138,491	77,735	2,904,787	191,642
2912 JET FUEL-----	863,502	329,793	73,286		1,250	2,695		453,186	3,292
2913 KEROSENE-----	115,801			1,400				105,933	8,468
2914 DISTILLATE FUEL OIL-----	1,821,418	389,475	51,146	38,113	29,676	89,066	22,897	1,129,097	71,948
2915 REDUCED FUEL OIL-----	3,594,936	761,156	40,271	34,233	14,441			1,275,292	1,469,543
2916 LUBRICATING OILS AND GREASES-----	1,151,068	43,014	9,631	8,979				948,324	141,110
2917 NAPHTHA, PETROLEUM SOLVENTS-----	507,661	5,555		11,176	5,376			301,422	184,132
2918 ASPHALT, TAR, AND BITUMENS-----	1,608,623	85,628	11,401	118,407	41,131	13,361		1,110,339	228,356
2920 COKE, PETROLEUM COKE-----	2,698,560	94,672		75,667	448,781			902,056	1,177,384
2921 LIQUEFIED GASES-----	126,928	82,424						27,238	19,066
2991 PETROLEUM AND COAL PROD, NEC-----	7,925							2,779	5,146
3011 RUBBER AND MISC PLASTIC PROD-----	89								89
3211 GLASS AND GLASS PRODUCTS-----	13,476							9,023	4,453
3241 BUILDING CEMENT-----	1,365,936	2,604	101,699					448,791	612,844
3251 STRUCTURAL CLAY PRODUCTS-----	7,515							4,665	2,850
3271 LIME-----	236,228		8,460						229,768
3281 CUT STONE AND STONE PRODUCTS-----	7,600							7,600	
3291 MISC NONMETALLIC MINERAL PROD-----	1,407							1,407	
3311 PIG IRON-----	97,984	1,493						90,369	6,122
3312 SLAG-----	218,351		4,444		115,371			47,054	51,482
3314 IRON AND STEEL PRIMARY FORMS-----	908,794	7,383	8,961					759,402	133,048
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,216,488	30,839	8,508		500	767		856,552	319,322
3316 IRON AND STEEL PLATES, SHEETS-----	546,533	3,582	20,151	1,571				243,310	277,919
3317 IRON AND STEEL PIPE AND TUBE-----	173,487							121,231	52,256
3318 FERROALLOYS-----	767,483	13,841	500	412				720,190	32,540
3319 IRON AND STEEL PRODUCTS, NEC-----	176,676	1,102						133,893	41,681
3321 NONFERROUS METALS, NEC-----	12,738							12,738	
3322 COPPER ALLOYS, UNWORKED-----	35,159	2,479						32,680	
3323 LEAD AND ZINC, UNWORKED-----	66,408	1,966						69,884	14,538
3324 ALUMINUM AND ALLOYS, UNWORKED-----	134,013	3,504						128,281	2,228
3411 FABRICATED METAL PRODUCTS-----	120,152				90			114,362	5,700
3511 MACHINERY, EXCEPT ELECTRICAL-----	91,223	371	1,550	1,250		1,200		63,540	23,312
3611 ELECTRICAL MACH AND EQUIP-----	11,717	11,717							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9,004							6,767	2,217
3731 SHIPS AND BOATS-----	466								466
3791 MISC TRANSPORTATION EQUIPMENT-----	753							753	
4011 IRON AND STEEL SCRAP-----	2,216,497		1,148	6,646	99,788			63,296	2,045,619
4012 NONFERROUS METAL SCRAP-----	15,521								15,521
4029 WASTE AND SCRAP, NEC-----	68,485							1,400	67,085
4111 WASTE-----	1,956							756	1,200
4118 WATERWAY IMPROVEMENT MAT-----	6,342,838	12,600	2,710,863		255,250		180,250	3,050	3,180,825

TON-MILES, INTERNAL, 97,864,030,009.

TONS, ALL TRAFFIC, 156,194,188.
TON-MILES, ALL TRAFFIC, 97,866,969,649.

MISSISSIPPI RIVER

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MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO
MOUTH OF PASSE)

SECTION INCLUDED: BATON ROUGE, LA. TO NEW ORLEANS, LA; LOWER MISSISSIPPI RIVER FROM MILE 236 TO MILE 106. CONTROLLING DEPTH: 40 FEET.
PROJECT DEPTH: 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1977	274,065,803		274,065,803	29,557	1982	296,392,659		296,392,659	54,847
1978	501,291,370		501,291,370	34,794	1983	281,028,362		281,028,362	71,183
1979	314,174,557		314,174,557	22,874	1984	269,697,002		269,697,002	119,766
1980	323,684,564		323,684,564	35,285	1985	256,962,743		256,962,743	122,657
1981	328,764,676		328,764,676	61,718	1986	272,475,106		272,475,106	118,276

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL	109,672,666	22,625,063	60,816,373	16,349,271	10,276,979	1,400	1,580
0102 BARLEY AND RYE	2,754		2,754				
0103 CORN	14,863,367		10,850,059		13,308		
0104 OATS	287,255	279,714	6,987		554		
0105 RICE	695,844		695,844				
0106 BORGHUM GRAINS	2,154,677		2,154,677				
0107 WHEAT	3,613,180		3,685,128		128,052		
0111 SOYBEANS	13,950,709		13,950,709				
0119 SEEDS, NEC	10,338		10,338				
0129 FIELD CROPS, NEC	4,662		4,662				
0131 FRESH FRUITS	166	11	155				
0133 COFFEE	126	126					
0141 FRESH AND FROZEN VEGETABLES	31,879	18	31,861				
0171 MISCELLANEOUS FARM PRODUCTS	37	37					
0941 CRUDE RUBBER AND ALLIED GUMS	1,498	1,498					
0961 FOREST PRODUCTS, NEC	11	11					
0911 FRESH FISH, EXCEPT SHELLFISH	18	18					
1011 IRON ORE AND CONCENTRATES	1,618,072	1,601,563		16,509			
1021 COPPER ORE AND CONCENTRATES	66,415		66,415				
1031 ALUMINUM ORES, CONCENTRATES	3,108,078	3,108,072	6				
1061 MANGANESE ORES, CONCENTRATES	211,129	207,512	3,617				
1091 NONFERROUS ORES, CONCENT, NEC	79,818	79,818					
1121 COAL AND LIGNITE	4,017,228		4,017,228				
1311 CRUDE PETROLEUM	17,251,541	9,203,715		8,047,826			
1411 LIMESTONE	16,800	16,800					
1442 SAND, GRAVEL, CRUSHED ROCK	10,946	10,945	1				
1451 CLAY	183,413	174,151	9,262				
1471 PHOSPHATE ROCK	6,912,405	398,944	626	6,512,835			
1492 SULPHUR, DRY	37		37				
1494 GYPSUM, CRUDE AND PLASTERS	123,464	123,464					
1499 NONMETALLIC MINERALS, NEC	162,393	151,293	11,100				
2011 MEAT, FRESH, CHILLED, FROZEN	198		198				
2012 MEAT AND PRODUCTS, NEC	26	24	2				
2014 TALLOW, ANIMAL FATS AND OILS	170,074		159,266		10,788		
2021 DAIRY PRODUCTS, NEC	22	22					
2022 DRIED MILK AND CREAM	48	23	25				
2031 FISH AND SHELLFISH, PREPARED	1	1					
2034 VEGETABLES AND PREP, NEC	424	20	404				
2039 PREP FRUIT AND VEG JUICE, NEC	314	101	213				
2041 WHEAT FLOUR AND SEMOLINA	18,369		18,369				
2042 ANIMAL FEEDS	7,043,098	9,859	7,026,495		6,740		
2049 GRAIN MILL PRODUCTS, NEC	5,087,043	30	5,065,149		21,864		
2061 SUGAR	236,568	165,543	2,113	68,912			
2062 MOLASSES	294,353	294,353					
2091 ALCOHOLIC BEVERAGES	174	174					
2091 VEGETABLE OILS, MARG, SHORT	701,155	137,034	542,269		21,852		
2092 ANIMAL OILS AND FATS, NEC	61,261	2,756	58,505				
2099 MISCELLANEOUS FOOD PRODUCTS	2,656	212	2,444				
2211 BASIC TEXTILE PRODUCTS	595	514	81				
2212 TEXTILE FIBERS, NEC	2,306	2,306					
2311 APPAREL	8	8					
2414 TIMBER, POSTS, POLES, PILING	9		9				
2421 LUMBER	3,557	3,306	251				
2451 VENEER, PLYWOOD, WORKED WOOD	5,541	963	4,578				
2491 FOOD MANUFACTURES, NEC	608	28	580				
2511 FURNITURE AND FIXTURES	7	7					
2611 PULP	265,173		265,173				
2621 STANDARD NEWSPRINT PAPER	5,628	5,628					
2631 PAPER AND PAPERBOARD	31,614	1,851	29,763				
2691 PULP AND PAPER PRODUCTS, NEC	1,757	2	1,755				
2711 PRINTED MATTER	5	3					
2810 SODIUM HYDROXIDE	284,337				284,337		
2811 CRUDE TAR, OIL, GAS PRODUCTS	11,741	3,616	8,125				
2813 ALCOHOLS	403,758	66,535	182,588	4,401	150,234		
2817 BENZENE AND TOLUENE	46,635	28,108		18,527			
2819 BASIC CHEMICALS AND PROD, NEC	4,243,394	2,460,130	1,562,130	9,119	212,015		
2821 PLASTIC MATERIALS	1,616	313	1,303				
2822 SYNTHETIC RUBBER	5	1	4				
2831 DRUGS	2,008	2,005	3				
2841 SOAP	11	11					

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO
MOUTH OF PASSEB)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWIRE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
2851 PAINTS-----	7,377	7,363	14				
2861 GUM AND WOOD CHEMICALS-----	2,225		2,225				
2871 NITROGENOUS CHEM FERTILIZERS-----	1,619,550	1,210,683	340,207	4,500	64,160		
2872 POTASSIC CHEM FERTILIZERS-----	122,420	104,279	18,141				
2873 PHOSPHATIC CHEM FERTILIZERS-----	374,807		98,837	275,970			
2876 INSECTICIDES, DISINFECTANTS-----	63		63				
2879 FERTILIZER AND MATERIALS, NEC-----	2,160,040		1,239,574	920,466			
2891 MISCELLANEOUS CHEMICAL PROD-----	16,367	7,858	7,355	1,154			
2911 GASOLINE-----	3,123,350		22,968		3,100,382		
2912 JET FUEL-----	368,469		120,277		268,192		
2913 KEROSENE-----	285,347	99,901	34,796	133,625	17,025		
2914 DISTILLATE FUEL OIL-----	3,666,453	355,637	331,348	34,583	2,944,885		
2915 RESIDUAL FUEL OIL-----	4,071,149	450,694	1,143,446	138,729	2,338,280		
2916 LUBRICATING OILS AND GREASES-----	903,574	95,013	416,521	55,050	336,990		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	416,693	313,626		69,303	33,964		
2918 ASPHALT, TAR, AND PITCHES-----	367,226	812	54,614		312,000		
2920 COKE, PETROLEUM COKE-----	1,068,802	244,174	824,628				
2921 LIQUEFIED GASES-----	78,345	78,237	108				
2991 PETROLEUM AND COAL PROD, NEC-----	48,635		60	37,762	10,613		
3011 RUBBER AND MISC PLASTIC PROD-----	1,176	1,010	166				
3111 LEATHER AND LEATHER PRODUCTS-----	6	4	2				
3211 GLASS AND GLASS PRODUCTS-----	5,916	4,958	958				
3241 BUILDING CEMENT-----	646,933	646,919	14				
3251 STRUCTURAL CLAY PRODUCTS-----	30		30				
3281 CUT STONE AND STONE PRODUCTS-----	52	52					
3291 MISC NONMETALLIC MINERAL PROD-----	25		25				
3311 PIG IRON-----	43,599	38,997	4,602				
3314 IRON AND STEEL PRIMARY FORMS-----	18,983	17,881	1,102				
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,793	14,789	4				
3316 IRON AND STEEL PLATES, SHEETS-----	3,090	2,972	118				
3317 IRON AND STEEL PIPE AND TUBE-----	42,757	42,753	4				
3318 FERROALLOYS-----	168,732	168,732					
3319 IRON AND STEEL PRODUCTS, NEC-----	1,044	97	3		944		
3321 NONFERROUS METALS, NEC-----	1		1				
3322 COPPER ALLOYS, UNWORKED-----	6	3	3				
3323 LEAD AND ZINC, UNWORKED-----	4,434	3,310	1,124				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	115,970	114,842	1,128				
3411 FABRICATED METAL PRODUCTS-----	1,895	1,784	81				30
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,838	601	487		1,400		30
3611 ELECTRICAL MACH AND EQUIP-----	1,790	392	198				1,200
3711 MOTOR VEHICLES, PARTS, EQUIP-----	108	21	87				
3791 MISC TRANSPORTATION EQUIPMENT-----	135		135				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5	4	1				
3911 MISC MANUFACTURED PRODUCTS-----	48	47	1				
4011 IRON AND STEEL SCRAP-----	1,314,033		1,314,033				
4022 NONFERROUS METAL SCRAP-----	49,757	47,438	2,319				
4024 TEXTILE WASTE, SCRAP, SHEEP-----	22		22				
4028 PAPER WASTE AND SCRAP-----	39		34				
4029 WASTE AND SCRAP, NEC-----	1,596				1,596		
4112 COMMODITIES, NEC-----	7,406	6,183	1,223				

TON-MILES, OCEANGOING, 5,979,147,354.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	162,802,440	10,220,700	57,511,928	24,485,557	9,471,177	1,735,460	3,077,349	20,288,063	36,012,206
0102 BARLEY AND RYE-----	10,743		10,743						
0103 CORN-----	17,958,680	55,650	13,382,913	6,000	2,892	1,329	4,490	5,013	4,500,393
0104 OATS-----	351,251		5,583	252,223	80,266	3,267	3,141	1,337	5,444
0105 RICE-----	965,060	67,056	669,700	1,850				2,738	223,716
0106 SORGHUM GRAINS-----	2,296,081	47,324	1,862,213				4,547	10,221	371,776
0107 WHEAT-----	4,502,880	71,102	3,298,225	7,058	6,350		1,659	12,441	1,104,005
0111 SOYBEANS-----	16,091,397	283,393	12,632,173	5,831	4,109	3,131	8,467	30,511	5,123,742
0119 CILSEEDS, NEC-----	8,617	4,839	2,678						1,110
0161 ANIMALS AND PRODUCTS, NEC-----	24,452		9,931						14,521
0911 FRESH FISH, EXCEPT SHELLFISH-----	232	18	41				173		
0912 SHELLFISH, EXCEPT PREPARED-----	8		4				4		
0931 MARINE SHELLS, UNMANUFACTURED-----	258,415	188,100		1,383				68,932	
1011 IRON ORE AND CONCENTRATES-----	1,359,949		2,880	1,272,085	7,197			78,187	
1021 COPPER ORE AND CONCENTRATES-----	83,367		78,853						4,514
1051 ALUMINUM ORES, CONCENTRATES-----	218,643			182,780	4,266			28,754	2,883
1061 MANGANESE ORES, CONCENTRATES-----	93,468			50,948				34,150	3,370
1091 NONFERROUS ORES, CONCENT, NEC-----	326,755		4,129	144,420	4,655			173,551	
1121 COAL AND LIGNITE-----	23,650,263	56,136	4,127,445	7,314	3,078		6,315	59,331	19,390,604
1311 CRUDE PETROLEUM-----	7,769,242	4,124,645	1,039,381	615,171	1,432,462	111,368	337,703	33,897	74,815
1411 LIMESTONE-----	473,802		106,471	13,009					350,322
1482 SAND, GRAVEL, CRUSHED ROCK-----	2,191,344		1,405,933	75,444	94,198		6,399	15,507	594,177
1491 CLAY-----	53,450	3,476	1,500	33,168				3,388	11,918
1471 PHOSPHATE ROCK-----	32,240							5,992	26,248
1479 NATURAL FERTILIZER MATS, NEC-----	7,852			7,852					
1492 SULPHUR, DRY-----	3,011		3,011						
1493 SULPHUR, LIQUID-----	766,097	454,318	124,912		109,782	32,276	82,300	2,811	

MISSISSIPPI RIVER

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MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO
MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
1494 GYPSUM, CRUDE AND PLASTERS	181,151			169,659	4,442		1,000	6,050	
1499 NONMETALLIC MINERALS, NEC	4,042,973	26,438	288,096	447,636	40,076			3,995,524	45,203
2018 TALLOW, ANIMAL FATS AND OILS	101,316		12,626		1,544				87,146
2039 PREP FRUIT AND VEG JUICE, NEC	1,417		1,417						
2041 WHEAT FLOUR AND SEMOLINA	3,244				3,244				
2042 ANIMAL FEEDS	6,691,758	16,657	6,269,499	44,495	4,647	7,217	4,982	147,268	176,793
2049 GRAIN MILL PRODUCTS, NEC	5,338,248	7,344	5,085,408	10,068	400		2,576	2,822	229,590
2061 SUGAR	166,923	4,158	8,400	41,219		1,314	20,075	91,757	
2062 MOLASSES	358,325	4,408		245,282	16,368		4,318	87,949	
2081 ALCOHOLIC BEVERAGES	2,430								2,430
2091 VEGETABLE OILS, MARG, SHORT	735,011	4,877	595,766	32,696	7,690	1,382	1,680	9,150	81,570
2092 ANIMAL OILS AND FATS, NEC	4,461							4,461	
2099 MISCELLANEOUS FOOD PRODUCTS	15,207	9,866							5,321
2211 BASIC TEXTILE PRODUCTS	13,417			1,418				11,999	
2411 LOGS	18,521								18,521
2414 TIMBER, POSTS, POLES, PILING	1,078							1,078	
2421 LUMBER	14,304							8,163	6,141
2431 VENEER, PLYWOOD, WORKED WOOD	65,739				824			13,495	51,220
2611 PULP	65,867			1,310	6,179			1,328	57,050
2621 STANDARD NEWSPRINT PAPER	33,452		9,677						23,775
2631 PAPER AND PAPERBOARD	63,751			8,136				15,043	40,552
2691 PULP AND PAPER PRODUCTS, NEC	44,719								44,719
2810 SODIUM HYDROXIDE	2,575,633	92,496	88,656	1,413,564	273,201	49,723	180,143	415,456	62,392
2811 CRUDE TAR, OIL, GAS PRODUCTS	453,802	2,428	29,849				2,621	193,548	202,684
2813 ALCOHOLS	1,959,314	23,197	110,426	829,070	110,408	81,335	36,636	660,566	98,574
2817 BENZENE AND TOLUENE	1,927,722	201,884	516,193	352,848	545,650	7,304	182,888	77,995	42,940
2818 SULPHURIC ACID	786,402	139,927	123,421	74,411	101,287	175,799	169,557		
2819 BASIC CHEMICALS AND PROD, NEC	11,114,317	200,634	837,082	3,871,809	525,406	796,801	735,535	3,899,718	247,332
2821 PLASTIC MATERIALS	4,350							1,206	3,144
2822 SYNTHETIC RUBBER	9,750							9,750	
2841 SOAP	1,400								1,400
2871 NITROGENOUS CHEM FERTILIZERS	3,747,736	8,536	107,747	3,085,573	87,705	36,648	13,869	258,715	148,943
2872 POTASSIC CHEM FERTILIZERS	244,096	4,521	58,201	116,249		4,798		50,315	30,012
2873 PHOSPHATIC CHEM FERTILIZERS	532,418	14,485		248,500	15,565	1,425	6,889	245,804	
2879 FERTILIZER AND MATERIALS, NEC	3,716,717	25,641	13,428	2,239,729	45,083	82,627	27,269	1,262,944	
2891 MISCELLANEOUS CHEMICAL PROD	218,139	1,694	3,348	41,183	3,869		15,770	104,884	48,191
2911 GASOLINE	6,412,462	335,571	263,335	2,686,093	1,006,487	46,448	89,637	1,930,608	54,283
2912 JET FUEL	1,231,126	90,428		354,121	256,444		100,595	426,388	3,050
2913 KEROSENE	140,396	35,716	12,683	18,408			6,329	67,180	
2914 DISTILLATE FUEL OIL	2,397,870	283,274	29,325	454,578	779,143	27,012	12,719	774,646	37,173
2915 RESIDUAL FUEL OIL	9,545,809	1,698,033	1,130,826	2,104,062	2,704,456	163,331	984,473	324,339	436,309
2916 LUBRICATING OILS AND GREASES	1,348,464	145,753	107,293	155,231	164,043	6,796	1,213	723,415	44,770
2917 NAPHTHA, PETROLEUM SOLVENTS	1,982,036	992,928	24,636	185,507	291,348	68,420	17,358	236,967	164,872
2918 ASPHALT, TAR, AND BITCHES	1,564,006	49,871	146,617	721,685	58,117	19,608	31,384	430,287	106,437
2920 COKE, PETROLEUM COKE	2,978,821	31,158	817,841	448,437	366,728		11,187	411,904	681,566
2921 LIQUEFIED GASES	192,384	60,673		16,984	4,993			90,668	19,066
2991 PETROLEUM AND COAL PROD, NEC	146,069	88,823	10,536	9,548	64,258	5,924	655	2,779	3,546
3011 RUBBER AND MISC PLASTIC PROD	89								89
3211 GLASS AND GLASS PRODUCTS	15,476		4,453	3,784				5,239	
3241 BUILDING CEMENT	811,912	62,406	97,910	354,879	117,526			96,518	82,673
3271 STRUCTURAL CLAY PRODUCTS	5,976		1,390					3,126	1,460
3271 LIME	153,161		39,664	3,266					110,231
3291 CUT STONE AND STONE PRODUCTS	7,680			7,680					
3291 MISC NONMETALLIC MINERAL PROD	1,407			1,407					
3311 PIG IRON	98,385		3,015	36,346				55,917	3,107
3312 SLAG	210,857			18,770				25,230	168,853
3314 IRON AND STEEL PRIMARY FORMS	858,976		4,300	207,341	1,437			559,862	88,038
3315 IRON, STEEL SHAPES, EXC SHEET	1,093,631		4,641	118,760	1,316			773,532	195,382
3316 IRON AND STEEL PLATES, SHEETS	389,017	1,772	2,844	5,620				243,419	135,362
3317 IRON AND STEEL PIPE AND TUBE	175,296	540		1,073				124,752	48,931
3319 FERROALLOYS	779,329	413	600	290,383	11,428			447,099	29,406
3319 IRON AND STEEL PRODUCTS, NEC	159,835		4,381	58,988				72,811	23,659
3321 NONFERROUS METALS, NEC	12,738							12,738	
3322 COPPER ALLOYS, UNWORKED	35,159							35,159	
3323 LEAD AND ZINC, UNWORKED	70,906			6,595				56,893	7,418
3323 ALUMINUM AND ALLOYS, UNWORKED	162,315			104,179	3,548			52,360	2,228
3411 FABRICATED METAL PRODUCTS	124,408	3,836	1,400	86,859	1,590			27,046	3,677
3511 MACHINERY, EXCEPT ELECTRICAL	85,815	1,942	1,250	14,162				46,399	22,062
3611 ELECTRICAL MACH AND EQUIP	11,717							11,717	
3711 MOTOR VEHICLES, PARTS, EQUIP	9,004							6,787	2,217
3731 SHIPS AND BOATS	466		16						450
3791 MISC TRANSPORTATION EQUIPMENT	753							753	
4011 IRON AND STEEL SCRAP	2,427,660	214,668	1,370,538	29,072	3,069		1,400	34,052	774,861
4012 NONFERROUS METAL SCRAP	15,521		7,703						7,818
4029 WASTE AND SCRAP, NEC	164,857	5,827	4,061	1,400	92,103				61,466
4111 WATER	3,756	1,800	1,200					756	
4112 COMMODITIES, NEC	878							878	
4118 WATERWAY IMPROVEMENT MAT	1,405,692	10,000	471,925	3,050					920,717

TOWNSHIPS, INTERNAL, 12,788,316,680.

TONS, ALL TRAFFIC, 272,475,106.

TOWNSHIPS, ALL TRAFFIC, 16,767,464,036.

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: NEW ORLEANS, LA., TO MOUTH OF PASSES; LOWER MISSISSIPPI RIVER FROM MILE 106 TO MILE 0 AND SOUTH PASS 10.2 MILES;
SOUTHWEST PASS 21.2 MILES. CONTROLLING DEPTH: 40 FEET. PROJECT DEPTH: 40 FEET THROUGH SOUTHWEST PASS AND RAH CHANNEL, 30 FEET THROUGH
SOUTH PASS AND BAR CHANNEL. SOUTH PASS NOT CURRENTLY BEING MAINTAINED. CURRENT CONTROLLING DEPTH IS 11 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS		YEAR	TONS	PASSENGERS	
		EXCURSION	REGULAR			EXCURSION	REGULAR
1977	266,473,540	305,156	53,013	1982	260,319,463	437,640	41,549
1978	270,889,613	434,014	53,909	1983	236,099,317	241,554	31,228
1979	285,407,818	506,666	25,622	1984	253,735,984	253,125	35,452
1980	292,334,680	468,306	35,291	1985	223,879,690	783,587	34,388
1981	300,957,797	472,000	46,381	1986	234,372,044	920,770	34,727

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	53,473,407	12,415,450	20,664,180	22,722,572	60,420,616	2,706,929	7,698,568	16,332,148	10,513,344
0101 COTTON, RAW	16,356		16,356						
0102 BARLEY AND RYE	2,929		175		2,754				
0103 CORN	19,830,679		4,868,141		14,850,059		99,171		13,308
0104 OATS	360,259	68,565	173		279,714		4,266		554
0105 RICE	916,404		220,560		695,844				
0106 BORGHUM GRAINS	2,605,760		449,620		2,154,705		1,435		
0107 WHEAT	4,916,480		1,001,897		3,685,128		101,403		128,052
0111 SOYBEANS	17,456,957		3,506,248		13,950,709				
0119 OILSEEDS, NEC	13,173		984		10,338				1,851
0121 TOBACCO, LEAF	222	91	131						
0129 FIELD CROPS, NEC	7,736	417	2,657		4,662				
0131 FRESH FRUITS	568	60	342		11				
0133 COFFEE	134,756	133,423	1,207		126				
0134 COCOA BEANS	33	33							
0141 FRESH AND FROZEN VEGETABLES	40,196	1,003	7,294		18		31,681		
0151 LIVE ANIMALS	1								
0161 ANIMALS AND PRODUCTS, NEC	426	174	252						
0191 MISCELLANEOUS FARM PRODUCTS	128	67	24		37				
0841 CRUDE RUBBER AND ALLIED GUMS	193,721	192,189	74		1,498				
0861 FOREST PRODUCTS, NEC	2,092	1,966	115		11				
0911 FRESH FISH, EXCEPT SHELLFISH	542	472	52		18				
0912 SHELLFISH, EXCEPT PREPARED	220	192	28						
0931 MARINE SMELLS, UNMANUFACTURED	41	41							
1011 IRON ORE AND CONCENTRATES	1,761,565	143,262	231		1,601,563			16,509	
1021 COPPER ORE AND CONCENTRATES	66,415				66,415				
1051 ALUMINUM ORES, CONCENTRATES	3,181,458	71,205	2,175		3,108,072				
1061 MANGANESE ORES, CONCENTRATES	260,402	49,273			207,512		3,617		
1091 NONFERROUS ORES, CONCENTRATES	149,647	62,644	1,481		85,522				
1121 COAL AND LIGNITE	14,817,509	488,748	5,389,594		4,017,229		4,921,939		
1311 CRUDE PETROLEUM	23,747,587	5,067,542			9,261,926		1,324,577		7,931,680
1411 Limestone	60,934	44,115	19		16,800				
1442 SAND, GRAVEL, CRUSHED ROCK	13,395	1,645	804		10,945				
1451 CLAY	405,630	191,240	30,977		174,151		9,262		
1471 PHOSPHATE ROCK	7,716,745	135,411	170		398,944		656,922		13,837
1492 SULPHUR, DRY	2,508		2,471				37		
1493 SULPHUR, LIQUID	1,670,966						97,328		1,573,638
1494 GYPSUM, CRUDE AND PLASTERS	350,721	235,064	193		123,464				
1499 NONMETALLIC MINERALS, NEC	205,060	34,441	6,522		151,293		11,100		
1911 ORDNANCE AND ACCESSORIES	719	719							
2011 MEAT, FRESH, CHILLED, FROZEN	5,255	517	4,528				210		
2012 MEAT AND PRODUCTS, NEC	13,094	12,826	225		24		19		
2014 TALLOW, ANIMAL FATS AND OILS	373,592		203,518		159,286				10,788
2015 ANIMAL BY-PRODUCTS, NEC	1,421		1,421						
2021 DAIRY PRODUCTS, NEC	142	12	108		22				
2022 DRIED MILK AND CREAM	35,849	82	35,719		23		25		
2031 FISH AND SHELLFISH, PREPARED	1,316	1,294	21		1				
2034 VEGETABLES AND PREP, NEC	7,833	2,524	4,874		31		404		
2039 PREP FRUIT AND VEG JUICE, NEC	4,062	3,128	620		101		213		
2041 WHEAT FLOUR AND SEMOLINA	41,757		23,388				18,369		
2042 ANIMAL FEEDS	7,410,840	19,067	276,676		9,859		7,026,495		6,744
2049 GRAIN MILL PRODUCTS, NEC	5,540,882	275	433,380		30		5,065,303		21,864
2061 SUGAR	930,333	215,232	314,619		168,728		2,113		68,912
2062 MOLASSES	482,126	187,773			294,353				
2081 ALCOHOLIC BEVERAGES	14,340	13,356	563				19		
2091 VEGETABLE OILS, MARG, SHORT	1,238,720	262,299	275,258		137,034		542,277		21,852
2092 ANIMAL OILS AND FATS, NEC	91,756	40	30,455		2,756		58,505		
2095 ICE	698								
2099 MISCELLANEOUS FOOD PRODUCTS	55,115	14,263	38,167		212		2,473		
2111 TOBACCO MANUFACTURES	271		271						
2211 BASIC TEXTILE PRODUCTS	32,607	29,445	2,558				523		81
2212 TEXTILE FIBERS, NEC	6,552	4,246					2,306		
2311 APPAREL	363	440	92				25		6
2411 LOGS	25,055	92	24,963						
2413 FUEL WOOD, CHARCOAL, WASTES	41								
2414 TIMBER, POSTS, POLES, PILING	711	174	528				9		
2415 PULPMOOD, LOGS	2,039		2,039						
2416 WOOD CHIPS, STAVES, MOLDINGS	4,183	4,000	163						
2421 LUMBER	40,609	19,605	17,447		3,306		251		

MISSISSIPPI RIVER

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MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSER
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,
MINNEAPOLIS TO MOUTH OF PASSER)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2431 VENEER, PLYWOOD, WORKED WOOD----	229,871	152,452	71,878	963	4,578				
2491 WOOD MANUFACTURES, NEC-----	14,219	12,522	1,089	28	580				
2511 FURNITURE AND FIXTURES-----	2,022	1,588	424	10					
2611 PULP-----	465,222	21	200,028		265,173				
2621 STANDARD NEWSPRINT PAPER-----	5,793	39	126	5,628					
2631 PAPER AND PAPERBOARD-----	330,219	63,555	235,034	1,851	29,779				
2691 PULP AND PAPER PRODUCTS, NEC----	2,306	114	434	2	1,756				
2711 PRINTED MATTER-----	220	41	175	3					
2810 SODIUM HYDROXIDE-----	305,565							8,290	297,275
2811 CRUDE TAR, OIL, GAS PRODUCTS----	37,600	9,240	16,619	3,616	8,125				
2812 DYES, PIGMENT, TANNING HATS----	36		36						
2813 ALCOHOLS-----	519,823	51,170	54,693	66,535	182,588	4,609	9,994	150,234	
2816 RADIOACTIVE MATERIALS, WASTES----	4,705	4,705							
2817 BENZENE AND TOLUENE-----	80,301	33,666		28,108				18,527	
2819 BASIC CHEMICALS AND PROD, NEC----	5,181,115	540,749	393,588	2,440,171	1,562,596	438	11,558	212,015	
2821 PLASTIC MATERIALS-----	46,181	5,593	38,516	356	1,716				
2822 SYNTHETIC RUBBER-----	12,588	1,198	11,362		27				
2823 SYNTHETIC (MAN-MADE) FIBERS----	2,707		2,707		1				
2831 DRUGS-----	6,339	3,128	1,191	2,005	19				
2841 SOAP-----	4,731	3,280	1,389		51				
2851 PAINTS-----	15,899	7,762	700	7,363	74				
2861 GUM AND WOOD CHEMICALS-----	4,929	402	2,302		2,225				
2871 NITROGENOUS CHEM FERTILIZERS----	1,866,083	242,677	3,856	1,210,683	340,207		4,500	64,160	
2872 PHOSPHATIC CHEM FERTILIZERS----	142,049	16,537	3,092	104,279	18,141				
2873 PHOSPHATIC CHEM FERTILIZERS----	475,351		18,538		98,837	82,006	275,970		
2876 INSECTICIDES, DISINFECTANTS----	18,843	8,881	9,843		119				
2879 FERTILIZER AND MATERIALS, NEC----	2,305,288	63	37,874		1,239,574	187,311	920,466		
2891 MISCELLANEOUS CHEMICAL PROD-----	117,841	26,648	60,489	7,858	7,371	11,569	752	1,154	
2911 GASOLINE-----	3,590,975		3,889		22,968		463,736	3,100,382	
2912 JET FUEL-----	419,398		4,267		120,277		26,862	268,192	
2913 KEROSENE-----	300,732			99,901	34,796		15,345	133,625	17,025
2914 DISTILLATE FUEL OIL-----	4,091,770	82,812	70,704	355,637	331,348	10,658	35,189	2,954,970	
2915 RESIDUAL FUEL OIL-----	4,954,333	305,019	327,553	450,694	1,143,446	48,720	195,607	170,682	2,312,612
2916 LUBRICATING OILS AND GREASES----	1,039,674	45,529	90,464	95,013	416,628		55,050	336,990	
2917 VAPORHA, PETROLEUM SOLVENTS----	514,967	94,761	42	313,626			69,303	37,235	
2918 ASPHALT, TAR, AND PITCHES-----	380,755	6,209	7,320	612	54,614			312,000	
2920 COKE, PETROLEUM COKE-----	2,663,421		1,591,689	247,054	824,678				
2921 LIQUEFIED GASES-----	256,910	11,563	353	78,237	108	51,548	28,201	20,100	66,800
2951 ASPHALT BUILDING MATERIALS-----	5		5						
2991 PETROLEUM AND COAL PROD, NEC----	60,190	4,000	4,985		61	2,569	37,762	10,813	
3011 RUBBER AND MISC PLASTIC PROD-----	14,783	9,127	4,288	1,196	172				
3111 LEATHER AND LEATHER PRODUCTS----	593	502	73	16	2				
3211 GLASS AND GLASS PRODUCTS-----	17,490	10,970	604	4,958	958				
3241 BUILDING CEMENT-----	784,286	113,561	326	662,166	14		8,219		
3251 STRUCTURAL CLAY PRODUCTS-----	7,306	2,431	4,717	39	119				
3281 CUT STONE AND STONE PRODUCTS----	3,150	2,950	10	190					
3291 MISC NONMETALLIC MINERAL PROD----	6,000	3,171	2,766	38	25				
3311 PIG IRON-----	61,589	17,990		38,997	4,602				
3314 IRON AND STEEL PRIMARY FORMS-----	256,404	232,223	5,198	17,881	1,102				
3315 IRON, STEEL SHAPES, EXC SHEET----	1,526,252	1,505,114	6,344	14,789	5				
3316 IRON AND STEEL PLATES, SHEETS----	42,170	13,069	25,908	2,972	221				
3317 IRON AND STEEL PIPE AND TUBE----	285,924	239,210	3,957	42,753	4				
3318 FERROALLOYS-----	377,076	191,308	4,142	179,683	1,943				
3319 IRON AND STEEL PRODUCTS, NEC----	42,297	38,066	3,130	97	60			944	
3321 NONFERROUS METALS, NEC-----	6,352	3,345			1				
3322 COPPER ALLOYS, UNWORKED-----	54,214	52,397	1,811	3	3				
3323 LEAD AND ZINC, UNWORKED-----	41,310	24,160	12,723	3,310	1,125				
3324 ALUMINUM AND ALLOYS, UNWORKED----	287,941	170,672	1,275	114,863	1,131				
3411 FABRICATED METAL PRODUCTS-----	140,492	129,527	8,573	1,424	228		310	30	
3511 MACHINERY, EXCEPT ELECTRICAL----	102,085	67,969	30,692	820	712		1,400	492	
3611 ELECTRICAL MACH AND EQUIP-----	39,324	31,068	6,331	494	231			1,200	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	66,312	57,517	8,493	203	99				
3721 AIRCRAFT AND PARTS-----	67	30	37						
3731 SHIPS AND BOATS-----	1,280	777	503						
3791 MISC TRANSPORTATION EQUIPMENT----	1,637	731	771		135				
3811 INSTR, TIME, PHOTO, OPT GOODS----	654	136	513	4	1				
3911 MISC MANUFACTURED PRODUCTS-----	978	794	134	49	1				
4011 IRON AND STEEL SCRAP-----	1,374,583	22,217	38,333		1,314,033				
4012 NONFERROUS METAL SCRAP-----	70,605	17,960	2,888	47,438	2,319				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	627	19	586		22				
4024 PAPER WASTE AND SCRAP-----	2,085		2,046		39				
4029 WASTE AND SCRAP, NEC-----	21,709						20,113	1,596	
4112 COMMODITIES, NEC-----	17,725	4,989	5,277	6,183	1,276				
9999 DEPARTMENT OF DEFENSE AND SCI-----	8,841		8,841						

TON-MILES, OCEANGOING, 18,132,684,075.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	80,898,237	4,528,206	31,769,646	11,821,790	782,177	1,078,400	769,717	12,688,649	17,459,652
0101 COTTON, RAW-----	4,115		4,115						
0103 CORN-----	4,649,049	88,124	4,372,827	3,360	1,492			52,788	130,458

Waterborne Commerce of the United States, 1986

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSER
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,
MINNEAPOLIS TO MOUTH OF PASSER)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
0104 OATS-----	81,190		4,334	1,337			75,519
0105 RICE-----	238,583		144,615			67,056	6,912
0106 SORGHUM GRAINS-----	422,742	3,442	370,190			47,324	1,586
0107 WHEAT-----	1,207,673	19,870	1,080,845	2,249		68,827	34,014
0111 SOYBEANS-----	3,491,646	70,118	3,086,388	3,183		284,260	45,697
0119 OILSEEDS, NEC-----	5,939					4,839	1,100
0161 ANIMALS AND PRODUCTS, NEC-----	14,521		14,521				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,221	9				1,212	
0912 SHELLFISH, EXCEPT PREPARED-----	56,339	19,884				36,455	
0931 MARINE SHELLS, UNMANUFACTURED-----	1,528,392	26,750	222,860		1,231	881,051	396,500
1011 IRON ORE AND CONCENTRATES-----	83,914			23,438		51,279	7,177
1021 COPPER ORE AND CONCENTRATES-----	4,514		4,514				
1051 ALUMINUM ORES, CONCENTRATES-----	52,893			23,617	2,972	13,537	12,767
1061 MANGANESE ORES, CONCENTRATES-----	57,690	1,400	1,920	9,880		34,900	9,630
1091 NONFERROUS ORES, CONCENTRATES-----	173,122			48,869		119,598	4,655
1121 COAL AND LIGNITE-----	19,642,109	7,804	12,685,884	89,446		71,761	6,827,214
1311 CRUDE PETROLEUM-----	13,728,073	1,519,295	2,839,817	4,389,250	10,652	2,545,567	2,040,197
1411 LIMESTONE-----	104,675		23,816				80,859
1442 SAND, GRAVEL, CRUSHED ROCK-----	284,797	1,477	31,913	1,346	5	5,467	248,589
1451 CLAY-----	239,298	13,135	679	1,281		87,826	136,377
1471 PHOSPHATE ROCK-----	32,240		26,248	4,349		1,643	
1493 SULPHUR, LIQUID-----	1,516,401	765,244	291,864	384,912		74,381	
1494 GYPSUM, CRUDE AND PLASTERS-----	10,492					6,050	4,442
1499 NONMETALLIC MINERALS, NEC-----	678,175	26,597	6,681	7,296	38,100	468,714	130,787
1911 ORDNANCE AND ACCESSORIES-----	4,552		1,342		3,210		
2014 TALLOW, ANIMAL FATS AND OILS-----	82,474	1,378	78,200		1,352		1,544
2041 WHEAT FLOUR AND SEMOLINA-----	40,504		40,504				
2042 ANIMAL FEEDS-----	305,901	3,746	163,449	92,279		70,307	16,120
2049 GRAIN MILL PRODUCTS, NEC-----	308,203	18,239	265,658	2,822		7,344	14,140
2061 SUGAR-----	340,725	129,029	30,754	106,556		36,441	37,945
2062 MOLASSES-----	106,528	4,347	8,491	75,233	16,706	1,751	
2081 ALCOHOLIC BEVERAGES-----	2,430		2,430				
2091 VEGETABLE OILS, MARK, SHORT-----	142,036	37,173	67,601	14,027	1,576		21,659
2092 ANIMAL OILS AND FATS, NEC-----	1,496			1,496			
2094 GROCERIES-----	68		2				66
2095 ICE-----	9,519					6,346	3,173
2099 MISCELLANEOUS FOOD PRODUCTS-----	205,944	4,215	22,056	25,781		1,800	145,826
2211 BASIC TEXTILE PRODUCTS-----	13,567			11,990	1,568		
2212 TEXTILE FIBERS, NEC-----	12,700			12,700			
2411 LOGS-----	18,521		18,521				
2414 TIMBER, POSTS, POLES, PILING-----	1,373		132			1,078	60
2421 LUMBER-----	14,554		6,171	8,163			220
2431 VENEER, PLYWOOD, WORKED WOOD-----	86,025		71,522	13,945	558		
2491 WOOD MANUFACTURES, NEC-----	262					182	80
2511 FURNITURE AND FIXTURES-----	9			9			
2611 PULP-----	174,388	109,831	63,229			1,328	
2621 STANDARD NEWSPRINT PAPER-----	4,616		4,616				
2631 PAPER AND PAPERBOARD-----	69,578	15,044	39,471	12,896		2,167	
2691 PULP AND PAPER PRODUCTS, NEC-----	46,267		44,767	50	1,450		
2810 SODIUM HYDROXIDE-----	544,697	6,688	7,051	22,334		1,453	220,980
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	200,205	11,971		147,589		2,594	19,756
2813 ALCOHOLS-----	290,841	16,132	40,837	28,495	4,174	1,407	85,811
2817 BENZENE AND TOLUENE-----	904,064	25,307	6,018	194,189	15,586	1,522	111,973
2818 SULPHURIC ACID-----	249,299		4,439				147,445
2819 BASIC CHEMICALS AND PROD, NEC-----	1,670,045	120,157	45,193	158,505	1,420	3,654	702,032
2821 PLASTIC MATERIALS-----	3,144						3,144
2822 SYNTHETIC RUBBER-----	73,467			9,750	63,737		
2841 SOAP-----	1,400						1,400
2871 NITROGENOUS CHEM FERTILIZERS-----	367,060			131,551		98,180	137,329
2872 POTASSIC CHEM FERTILIZERS-----	51,372		4,379	4,967		28,534	13,492
2873 PHOSPHATIC CHEM FERTILIZERS-----	294,478			254,359		19,086	17,033
2879 FERTILIZER AND MATERIALS, NEC-----	1,360,603		413	986,096	1,506	316,150	56,434
2891 MISCELLANEOUS CHEMICAL PROD-----	15,636		9,470	2,357		851	1,558
2911 GASOLINE-----	5,243,222	284,269	378,346	800,569		801,434	978,604
2912 JET FUEL-----	942,047	10,796	10,378	81,756		648,900	190,217
2913 KEROSENE-----	57,311	3,042		6,575		37,704	9,990
2914 DISTILLATE FUEL OIL-----	2,370,703	89,856	431,216	646,919	113,563	58,475	414,603
2915 RESIDUAL FUEL OIL-----	7,459,266	511,093	2,056,025	533,963	290,132	607,086	1,604,084
2916 LUBRICATING OILS AND GREASES-----	395,573	163,950	42,948	37,354	96	11,752	41,499
2917 NAPHTHA, PETROLEUM SOLVENTS-----	979,537	108,847	51,078	19,380	10,891	57,055	289,066
2918 ASPHALT, TAR, AND BITUMENS-----	536,764		84,925	18,954	8,383		366,037
2920 COKE, PETROLEUM COKE-----	1,324,213	14,448	840,842	341,921		2,585	47,877
2921 LIQUEFIED GASES-----	1,182,768	252,636	450,331	86,973	34,520	2,705	144,489
2991 PETROLEUM AND COAL PROD, NEC-----	115,873		1,325	11,441		880	33,368
3011 RUBBER AND MISC PLASTIC PROD-----	739	410					80
3211 GLASS AND GLASS PRODUCTS-----	5,239			5,239			
3241 BUILDING CEMENT-----	458,931	242	1,005	3,238	36	226,094	208,316
3251 STRUCTURAL CLAY PRODUCTS-----	4,586			2,326		900	1,400
3271 LIME-----	31,106		24				51,082
3291 MISC NONMETALLIC MINERAL PROD-----	23,557		7,370	337		11,250	4,600
3311 PIG IRON-----	64,389		11	8,923	7,000	46,994	1,461
3312 SLAG-----	124,713		80,519			2,680	45,514
3314 IRON AND STEEL PRIMARY FORMS-----	649,628	1,400	4,741	513,463	32,327	45,764	51,533
3315 IRON, STEEL SHAPES, EXC SHEET-----	703,961		2,115	649,217	33,044		4,152
3316 IRON AND STEEL PLATES, SHEETS-----	305,408		17,029	223,958	22,237	241	26,219
3317 IRON AND STEEL PIPE AND TUBE-----	345,011		2,555	192,598	25,523	143	39,781
3318 FERROALLOYS-----	532,790	1,170	17,597	55,962	12,433		37,638
3319 IRON AND STEEL PRODUCTS, NEC-----	68,593		2,777	85,252	9,217		2,551
3321 NONFERROUS METALS, NEC-----	12,738			596			
3322 COPPER ALLOYS, UNWORKED-----	35,712					496	
3323 LEAD AND ZINC, UNWORKED-----	64,311		7,418	35,216			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	56,318		410	23,363			
				11,264			3,584

MISSISSIPPI RIVER

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
3411 FABRICATED METAL PRODUCTS-----	56,608	2,400	1,210	27,049	9,154			14,878	1,509
3511 MACHINERY, EXCEPT ELECTRICAL---	123,246	27	5,152	45,060	4,492			25,841	41,874
3611 ELECTRICAL MACH AND EQUIP-----	12,135			11,907	221			7	
3711 MOTOR VEHICLES, PARTS, EQUIP----	6,839		1,996	6,837	7			6	
3731 SHIPS AND BOATS-----	257								250
3791 MISC TRANSPORTATION EQUIPMENT---	849		24	805				10	10
3911 MISC MANUFACTURED PRODUCTS-----	329,724	10	1,404	160	11			180,659	147,480
4011 IRON AND STEEL SCRAP-----	392,030	9,800	23,722	9,455	2,208			254,236	92,611
4012 NONFERROUS METAL SCRAP-----	7,818		7,818						
4029 WASTE AND SCRAP, NEC-----	112,317			4,843				13,318	94,160
4111 WATER-----	322,994		7,908	1,857				12,356	300,873
4112 COMMODITIES, NEC-----	74,165	2,800	32,069	5,103	812			13,575	19,806
4116 WATERWAY IMPROVEMENT MAT-----	991,032		956,870	6,000				7,200	20,962
4119 EMPTY CONTAINERS-----	1,042	402	336	197	25			79	3
TON-MILES, INTERNAL.	2,060,396,377.								
TONS, ALL TRAFFIC,	254,372,044.								
TON-MILES, ALL TRAFFIC,	20,193,082,452.								

PASSES OF THE MISSISSIPPI RIVER (INCLUDED IN TRAFFIC OF
MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: SOUTH PASS, 14.2 MILES; SOUTHWEST PASS, 21.2 MILES. CONTROLLING DEPTHS: SOUTH PASS: 23 FEET; SOUTHWEST PASS, 36 FEET
SOUTH PASS, 30 FEET; SOUTHWEST PASS, 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	CARGOES IN TRANSIT	PASSENGERS	YEAR	CARGOES IN TRANSIT	PASSENGERS
1977-----	185,916,939	25,869	1982-----	192,954,343	658
1978-----	196,748,208	20,692	1983-----	168,754,307	
1979-----	211,744,701		1984-----	158,122,865	
1980-----	218,365,307	6	1985-----	150,805,632	
1981-----	222,865,978	7	1986-----	155,390,491	92

ROSEDALE HARBOR, MISS.

SECTION INCLUDED: SECTION 107 OF THE RIVER AND HARBOR ACT OF 1960, AS AMENDED (PL86-645) PROVIDES FOR THE CONSTRUCTION OF ROSEDALE
HARBOR. THE HARBOR CHANNEL IS 150 FT WIDE AND 2.7 MILES LONG WITH A TURNING BASIN 1,000 FT LONG AND 400 FT WIDE. A MINIMUM OPERATING
DEPTH OF 9 FT BELLA THE LOWEST WATER OF RECORD (102.5 FT, MSL) WAS MAINTAINED IN BOTH THE CHANNEL AND TURNING BASIN AND PROVIDED A
20-ACRE LANDFILL TO A NET ELEVATION OF 162.9, MSL. THE LANDFILL IS 1,250 FT LONG AND 700 FT WIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	*	1982-----	*
1978-----	*	1983-----	232,198
1979-----	*	1984-----	293,318
1980-----	*	1985-----	350,218
1981-----	*	1986-----	255,596

*NOT COMPILED PRIOR TO 1983.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	255,596	72,733	131,006	51,855
0103 CORN-----	4,558	3,082	1,476	
0105 RICE-----	26,668		26,668	
0106 SORGHUM GRAINS-----	24,010	1,588	22,422	
0107 WHEAT-----	21,013	1,439	19,574	
0111 SOYBEANS-----	57,894	1,400	56,494	
1442 SAND, GRAVEL, CRUSHED ROCK-----	58,023	6,168		51,855
2411 LOGS-----	2,754		2,754	
2871 NITROGENOUS CHEM FERTILIZERS-----	48,065	46,445	1,620	
2872 POTASSIC CHEM FERTILIZERS-----	4,637	4,637		
2879 FERTILIZER AND MATERIALS, NEC-----	2,920	2,920		
3241 BUILDING CEMENT-----	1,244	1,244		
3314 IRON AND STEEL PRIMARY FORMS-----	802	802		
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,008	3,008		

Waterborne Commerce of the United States, 1986

MINNEAPOLIS, MINN.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 850 THROUGH MILE 857 (UMR). CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	2,513,142	1982	1,435,687
1978	2,150,674	1983	1,471,510
1979	2,488,910	1984	1,181,532
1980	2,246,839	1985	1,446,455
1981	1,675,466	1986	1,459,864

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	1,459,864	736,204	723,660
0103 CORN	7,506		7,506
0104 OATS	6,961		6,961
0107 WHEAT	93,360		93,360
0111 SOYBEANS	32,381		32,381
1121 COAL AND LIGNITE	473,471	56,614	416,857
1402 SAND, GRAVEL, CRUSHED ROCK	419,630	419,630	
1499 NONMETALLIC MINERALS, NEC	15,869	15,869	
2042 ANIMAL FEEDS	60,699		60,699
2049 GRAIN MILL PRODUCTS, NEC	1,225		1,225
2091 VEGETABLE OILS, MARG, SHORT	6,771		6,771
2431 VENEER, PLYWOOD, WORKED WOOD	1,402	1,402	
2621 STANDARD NEWSPRINT PAPER	3,634	3,634	
2813 ALCOHOLS	5,401	5,401	
2871 NITROGENOUS CHEM FERTILIZERS	11,797		11,797
2872 POTASSIC CHEM FERTILIZERS	51,361		51,361
2879 FERTILIZER AND MATERIALS, NEC	3,102	3,102	
2891 MISCELLANEOUS CHEMICAL PROD	1,538	1,538	
2918 ASPHALT, TAR, AND BITUMENS	28,528		28,528
2920 COKE, PETROLEUM COKE	1,473		1,473
3201 BUILDING CEMENT	190,659	190,659	
3314 IRON AND STEEL PRIMARY FORMS	3,744	2,345	1,399
3315 IRON, STEEL SHAPES, EXC SHEET	25,069	25,069	
3316 IRON AND STEEL PLATES, SHEETS	4,683	4,683	
3317 IRON AND STEEL PIPE AND TUBE	4,858	4,858	
3318 FERROALLOYS	1,400	1,400	
3511 MACHINERY, EXCEPT ELECTRICAL	106		106
4011 IRON AND STEEL SCRAP	1,236		1,236

ST. PAUL, MINN.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 830 THROUGH MILE 847 (UMR). CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	6,809,376	1982	8,998,746
1978	9,682,785	1983	12,141,999
1979	11,248,111	1984	12,535,034
1980	10,528,472	1985	9,968,193
1981	10,315,866	1986	7,807,179

* PASSENGERS--99,565.

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	7,807,179	3,748,939	4,056,365	5,815
0102 BARLEY AND RYE	26,132		26,132	
0103 CORN	583,846	4,448	579,398	
0104 OATS	5,788		5,788	
0106 SORGHUM GRAINS	3,156		3,156	
0107 WHEAT	878,339	1,442	876,897	1,400
0111 SOYBEANS	798,464	1,600	796,864	
0933 MARINE SMELLS, UNMANUFACTURED	15,223	15,223		
1121 COAL AND LIGNITE	867,011	438,572	428,439	
1411 LIMESTONE	58,618	58,618		
1442 SAND, GRAVEL, CRUSHED ROCK	1,736,510	1,736,510		
1451 CLAY	1,534	1,534		
1499 NONMETALLIC MINERALS, NEC	224,025	224,025		
2042 ANIMAL FEEDS	328,463	4,295	324,170	
2049 GRAIN MILL PRODUCTS, NEC	36,854		36,854	
2091 VEGETABLE OILS, MARG, SHORT	26,865	22,376	4,489	
	29,068	1,711	27,357	1,567

MISSISSIPPI RIVER

ST. PAUL, MINN.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
2092 ANIMAL DILS AND FATS, NEC	1,496	1,496		
2211 BASIC TEXTILE PRODUCTS	8,358	8,358		
2414 TIMBER, POSTS, POLES, PILING	1,078	1,078		
2621 STANDARD NEWSPRINT PAPER	2,429	2,429		
2631 PAPER AND PAPERBOARD	5,370	5,370		
2810 SODIUM HYDROXIDE	54,608	54,608		
2813 ALCOHOLS	30,095	30,095		
2819 BASIC CHEMICALS AND PROD, NEC	11,855	11,855		
2871 NITROGENOUS CHEM FERTILIZERS	100,647	45,740	13,403	1,504
2872 POTASSIC CHEM FERTILIZERS	585,303		583,979	1,404
2873 PHOSPHATIC CHEM FERTILIZERS	4,352	4,352		
2879 FERTILIZER AND MATERIALS, NEC	159,981	154,073	5,908	
2911 GASOLINE	425,515	421,959	3,556	
2913 KEROSENE	11,314	11,314		
2914 DISTILLATE FUEL OIL	161,645	161,645		
2915 RESIDUAL FUEL OIL	48,890	38,684	10,206	
2916 LUBRICATING OILS AND GREASES	1,435		1,435	
2918 ASPHALT, TAR, AND BITUMENS	73,672	43,485	30,187	
2920 COKE, PETROLEUM COKE	251,004		251,004	
3281 BUILDING CEMENT	131,286	131,286		
3281 CUT STONE AND STONE PRODUCTS	1,515	1,515		
3312 SLAG	34,382	34,382		
3314 IRON AND STEEL PRIMARY FORMS	36,429	5,250	31,179	
3315 IRON, STEEL SHAPES, EXC SHEET	4,496	4,496		
3316 IRON AND STEEL PLATES, SHEETS	15,031	13,585	1,446	
3317 IRON AND STEEL PIPE AND TUBE	2,509	2,509		
3318 FERROALLOYS	959	959		
3319 IRON AND STEEL PRODUCTS, NEC	2,882	2,882		
3324 ALUMINUM AND ALLOYS, UNWORKED	932	932		
3511 MACHINERY, EXCEPT ELECTRICAL	2,446	250	2,196	
4011 IRON AND STEEL SCRAP	13,493		13,493	

MEMPHIS, TENN.

SECTION INCLUDED: FROM MILE 715.5 TO MILE 741.0 ON LOWER MISSISSIPPI RIVER AND INCLUDES MEMPHIS HARBOR (MCKELLAR LAKE) AND WOLF RIVER HARBOR, TENNESSEE. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET. AT LOW WATER STAGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	11,894,972	1982	11,666,063
1978	13,157,806	1983	12,134,447
1979	12,346,022	1984	12,717,704
1980	11,451,998	1985	10,374,750
1981	11,403,294	1986	10,984,848

* PASSENGERS--7,843.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	10,984,848	8,353,206	2,478,421	153,221
0103 CORN	869,506	829,782	39,724	
0104 OATS	5,044	5,044		
0105 RICE	109,605		109,605	
0106 SORGHUM GRAINS	164,536		164,536	
0107 WHEAT	244,469	1,598	242,871	
0111 SOYBEANS	657,772	303,279	354,493	
1121 COAL AND LIGNITE	1,567,123	1,567,123		
1411 LUMESTONE	12,163	12,163		
1442 SAND, GRAVEL, CRUSHED ROCK	1,226,901	1,111,915	56,486	58,500
1451 CLAY	1,534		1,534	
1499 NONMETALLIC MINERALS, NEC	18,131	13,705	4,426	
2042 ANIMAL FEEDS	301,765	1,456	300,309	
2049 GRAIN MILL PRODUCTS, NEC	518,487	1,400	517,087	
2062 MOLASSES	14,530			
2081 ALCOHOLIC BEVERAGES	1,230		1,230	
2091 VEGETABLE OILS, MARG, SHORT	132,061	84,308	47,753	
2810 SODIUM HYDROXIDE	74,513	74,513		
2811 CRUDE TAR, OIL, GAS PRODUCTS	250			
2813 ALCOHOLS	66,858	58,219	7,239	1,400
2817 BENZENE AND TOLUENE	12,207			
2819 BASIC CHEMICALS AND PROD, NEC	48,903	27,881	13,022	
2822 SYNTHETIC RUBBER	9,750			
2871 NITROGENOUS CHEM FERTILIZERS	20,345	17,142	3,203	
2872 POTASSIC CHEM FERTILIZERS	23,065			
2873 PHOSPHATIC CHEM FERTILIZERS	4,904			
2879 FERTILIZER AND MATERIALS, NEC	15,050			
2911 GASOLINE	1,833,496	1,585,387	221,227	26,882
2912 JET FUEL	316,037	311,767	4,270	

Waterborne Commerce of the United States, 1986

MEMPHIS, TENN.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
2913 KEROSENE	10,384		10,384	
2914 DISTILLATE FUEL OIL	646,851	389,078	194,002	62,891
2915 RESIDUAL FUEL OIL	571,163	473,530	98,077	3,548
2916 LUBRICATING OILS AND GREASES	47,941	41,473	6,468	
2917 NAPHTHA, PETROLEUM SOLVENTS	31,491	17,254	14,237	
2918 ASPHALT, TAR, AND PITCHES	264,162	257,519	6,643	
3241 BUILDING CEMENT	697,070	697,070		
3251 STRUCTURAL CLAY PRODUCTS	1,539		1,539	
3314 IRON AND STEEL PRIMARY FORMS	71,571	71,571		
3315 IRON, STEEL SHAPES, EXC SHEET	151,628	151,628		
3318 IRON AND STEEL PLATES, SHEETS	80,687	80,687		
3317 IRON AND STEEL PIPE AND TUBE	4,756	4,756		
3318 FERROALLOYS	4,192	4,192		
3319 IRON AND STEEL PRODUCTS, NEC	4,433	4,433		
3322 COPPER ALLOYS, UNWORKED	4,133	4,133		
3323 LEAD AND ZINC, UNWORKED	9,624	2,204	7,418	
3324 ALUMINUM AND ALLOYS, UNWORKED	2,478	2,478		
3411 FABRICATED METAL PRODUCTS	457		457	
4011 IRON AND STEEL SCRAP	53,999	1,148	52,851	
4118 WATERWAY IMPROVEMENT MAT	63,854	62,604	1,250	

HELENA, ARK.

SECTION INCLUDED: MILE 659 THROUGH MILE 663 ON THE LOWER MISSISSIPPI RIVER. HELENA HARBOR, ARKANSAS WAS AUTHORIZED UNDER AUTHORITY OF SECTION 107 OF THE RIVER AND HARBOR ACT OF 1960. THE PROJECT PROVIDES FOR MAINTENANCE OF AN OFF-RIVER HARBOR WITH DIMENSIONS OF 9 FEET DEEP AND 450 FEET WIDE FOR A LENGTH OF 3,200 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,510,229	1982	2,252,665
1978	3,195,690	1983	2,305,362
1979	2,551,946	1984	1,760,216
1980	2,708,260	1985	1,246,110
1981	2,136,434	1986	1,085,045

FREIGHT TRAFFIC, 1986
 DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	1,085,045	296,306	788,739
0103 CORN	6,988		6,988
0105 RICE	114,283	2,738	111,545
0106 SOYBEAN GRAINS	19,874		19,874
0107 WHEAT	23,274		23,274
0111 SOYBEANS	167,410	139,603	27,807
1411 LIMESTONE	1,680	1,680	
1442 SAND, GRAVEL, CRUSHED ROCK	11,887	11,887	
2042 ANIMAL FEEDS	7,654		7,654
2049 GRAIN MILL PRODUCTS, NEC	177,361		177,361
2081 ALCOHOLIC BEVERAGES	1,200		1,200
2091 VEGETABLE OILS, MARG, SHORT	110,541	35,347	75,194
2099 MISCELLANEOUS FOOD PRODUCTS	5,321		5,321
2819 BASIC CHEMICALS AND PROD, NEC	12,389	12,389	
2871 NITROGENOUS CHEM FERTILIZERS	57,600	51,465	6,135
2872 POTASSIC CHEM FERTILIZERS	10,799	9,124	1,675
2873 PHOSPHATIC CHEM FERTILIZERS	9,749	9,749	
2879 FERTILIZER AND MATERIALS, NEC	4,455		4,455
2911 GASOLINE	210,625		210,625
2914 DISTILLATE FUEL OIL	104,271	3,777	100,494
2915 RESIDUAL FUEL OIL	23,184	11,592	11,592
4118 WATERWAY IMPROVEMENT MAT	2,500	2,500	

GREENVILLE, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 537 AND LEFT DESCENDING BANK IN AN EASTERLY DIRECTION, AN ENTRANCE CHANNEL, 8,000 FEET LONG AND 250 FEET WIDE TRANSITIONING INTO THE HARBOR AND PORT AREA 10,000 FEET LONG AND 500 FEET WIDE, THEN TRANSITIONING INTO LAKE PEARSON, A CHANNEL, 5,700 FEET LONG AND 250 FEET WIDE. DEPTHS ARE MAINTAINED TO 9 FEET

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,036,199	1982	1,883,605
1978	3,341,285	1983	2,059,004
1979	3,329,698	1984	1,990,149
1980	2,706,791	1985	1,953,189
1981	2,015,721	1986	2,027,097

MISSISSIPPI RIVER

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GREENVILLE, MISS.,--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	2,027,097	1,358,986	668,151
0103 CORN	34,320	32,876	1,444
0104 OATS	1,100		1,100
0105 RICE	202,099	5,345	196,754
0106 SORGHUM GRAINS	65,263	11,834	53,429
0107 WHEAT	24,261	3,190	21,071
0111 SOYBEANS	294,496	32,657	261,839
0119 OILSEEDS, NEC	3,978		3,978
1311 CRUDE PETROLEUM	9,851	9,851	
1411 LIMESTONE	2,650	2,650	
1442 SAND, GRAVEL, CRUSHED ROCK	275,747	275,747	
1451 CLAY	1,503	1,503	
2042 ANIMAL FEEDS	45,164	35,822	9,342
2049 GRAIN MILL PRODUCTS, NEC	16,471	12,770	3,701
2411 LOGS	8,067	8,067	
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,578	1,578	
2819 BASIC CHEMICALS AND PROD, NEC	3,206	3,206	
2871 NITROGENOUS CHEM FERTILIZERS	53,946	53,946	
2872 POTASSIC CHEM FERTILIZERS	3,001	3,001	
2873 PHOSPHATIC CHEM FERTILIZERS	1,574	1,574	
2911 GASOLINE	423,917	414,949	8,968
2912 JET FUEL	1,250		1,250
2914 DISTILLATE FUEL OIL	87,703	84,600	3,103
2915 REDUCED FUEL OIL	263,002	263,002	
2916 LUBRICATING OILS AND GREASES	7,644	1,543	6,103
2917 NAPHTHA, PETROLEUM SOLVENTS	4,172	4,172	
2921 LIQUEFIED GASES	82,624	82,624	
3315 IRON, STEEL SHAPES, EXC SHEET	4,207	4,207	
3316 IRON AND STEEL PLATES, SHEETS	830	830	
3324 ALUMINUM AND ALLOYS, UNWORKED	2,402	2,402	
4011 IRON AND STEEL SCRAP	42,717		42,717
4110 WATERWAY IMPROVEMENT MAT	58,352	5,000	53,352

LAKE PROVIDENCE, LA.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 462.9 AHP RIGHT DESCENDING BANK IN A WESTERLY DIRECTION, A CHANNEL 8,200 FEET LONG, 150 FEET WIDE, AND 9 FEET DEEP, WITH A TURNING BASIN 400 FEET WIDE, 800 FEET LONG, AND 9 FEET DEEP AT CHANNEL UPPER LIMITS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	369,935	1982	455,078
1978	522,566	1983	481,324
1979	664,410	1984	692,445
1980	812,435	1985	984,615
1981	543,146	1986	1,064,075

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	1,064,075	881,102	182,973
0103 CORN	10,791		10,791
0104 OATS	6,233	6,233	
0105 RICE	34,353		34,353
0106 SORGHUM GRAINS	26,186		26,186
0107 WHEAT	8,613		8,613
0111 SOYBEANS	110,172	28,559	81,613
0119 OILSEEDS, NEC	8,407		8,407
1061 MANGANESE ORES, CONCENTRATES	2,382	2,382	
1121 COAL AND LIGNITE	101,370	101,370	
1411 LIMESTONE	50,471	50,471	
1442 SAND, GRAVEL, CRUSHED ROCK	58,864	58,864	
1499 NONMETALLIC MINERALS, NEC	17,296	17,296	
2042 ANIMAL FEEDS	4,492	2,281	2,211
2049 GRAIN MILL PRODUCTS, NEC	9,065	1,533	7,532
2871 NITROGENOUS CHEM FERTILIZERS	40,158	40,158	
2872 POTASSIC CHEM FERTILIZERS	4,893	4,893	
2873 PHOSPHATIC CHEM FERTILIZERS	1,527	1,527	
2879 FERTILIZER AND MATERIALS, NEC	4,448	4,448	
2911 GASOLINE	1,400	1,400	
3271 LIME	3,226	3,226	
3315 IRON, STEEL SHAPES, EXC SHEET	1,831	1,064	767
3316 IRON AND STEEL ALLOYS	500	500	
3311 MACHINERY, EXCEPT ELECTRICAL	2,450	1,200	1,250
4110 WATERWAY IMPROVEMENT MAT	554,947	553,697	1,250

Waterborne Commerce of the United States, 1986

VICKSBURG, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 437 AMP ON LEFT DESCENDING BANK IN A NORTHERLY DIRECTION, A CHANNEL 14,500 FEET LONG BY 150 FEET WIDE IN THE YAZOO DIVERSION CANAL, THENCE A DREDGED ENTRANCE CHANNEL 4,800 FEET LONG AND 150 FEET WIDE, TRANSITIONING INTO A 300-FOOT WIDE DREDGED SLACK WATER HARBOR AND TURNING BASIN 10,700 FEET LONG. ALL CHANNELS ARE MAINTAINED TO A 9-FOOT DEPTH AT LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	3,107,608	1982	2,658,080
1978	3,433,089	1983	3,005,419
1979	3,838,205	1984	3,764,952
1980	3,362,267	1985	3,315,292
1981	2,763,600	1986*	3,123,181

* PASSENGERS--22,992.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	3,123,181	2,220,319	895,062	7,800
0103 CORN	84,586	69,666	14,920	
0104 OATS	36,824	36,824		
0105 RICE	7,488		7,488	
0106 SORGHUM GRAINS	2,833		2,833	
0107 WHEAT	15,086	1,361	13,725	
0111 SOYBEANS	97,819	62,621	35,198	
0841 CRUDE RUBBER AND ALLIED GUMS	2,838		2,838	
1121 COAL AND LIGNITE	17,276	13,922	3,354	
1311 CRUDE PETROLEUM	282,924	282,924		
1411 LIMESTONE	7,882	7,882		
1442 SAND, GRAVEL, CRUSHED ROCK	187,545	181,145		6,400
2042 ANIMAL FEEDS	17,152	17,152		
2049 GRAIN MILL PRODUCTS, NEC	311,872	9,127	302,745	
2091 VEGETABLE OILS, MARG, SHORT	88,160		88,160	
2411 LOGS	158,358	158,358		
2415 PULPWOOD, LOG	1,384		1,384	
2431 VENEER, PLYWOOD, WORKED WOOD	1,458		1,458	
2611 PULP	4,032		4,032	
2631 PAPER AND PAPERBOARD	72,360		72,360	
2813 ALCOHOLS	19,097	19,097		
2871 VITROGENOUS CHEM FERTILIZERS	111,940	106,821	3,119	
2872 POTASSIC CHEM FERTILIZERS	28,978	28,978		
2873 PHOSPHATIC CHEM FERTILIZERS	4,681	4,681		
2879 FERTILIZER AND MATERIALS, NEC	18,595	18,595		
2911 GASOLINE	656,509	651,321	5,188	
2914 DISTILLATE FUEL OIL	163,536	112,062	51,474	
2915 RESIDUAL FUEL OIL	138,332	54,859	83,473	
2916 LUBRICATING OILS AND GREASES	75,920	73,044	1,474	1,400
2917 NAPHTHA, PETROLEUM SOLVENTS	32,372		32,372	
2918 ASPHALT, TAR, AND PITCHES	210,010	43,005	167,005	
3241 BUILDING CEMENT	56,332	56,332		
3271 LIME	83,545	83,545		
3312 SLAG	4,484	4,484		
3314 IRON AND STEEL PRIMARY FORMS	4,487	4,487		
3315 IRON, STEEL SHAPES, EXC SHEET	38,198	37,698	500	
3316 IRON AND STEEL PLATES, SHEETS	12,643	12,643		
3319 IRON AND STEEL PRODUCTS, NEC	1,480	1,480		
4110 WATERWAY IMPROVEMENT MAT	64,245	64,245		

NATCHEZ, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 359 THROUGH MILE 365 (LMR). CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	654,298	1982	674,700
1978	911,965	1983	644,307
1979	787,542	1984	588,422
1980	605,701	1985	415,185
1981	626,602	1986*	544,904

* PASSENGERS--33,413.

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL	544,904	195,233	349,671
0103 CORN	7,233	4,200	3,033

MISSISSIPPI RIVER

NATCHEZ, MISS.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
0105 RICE-----	1,469		1,469
0106 SORGHUM GRAINS-----	14,145		14,145
0111 SOYBEANS-----	41,264		41,264
1411 LUMESTONE-----	9,113	9,113	
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,635	4,635	
1499 NONMETALLIC MINERALS, NEC-----	9,890	9,890	
2411 LOGS-----	633		633
2421 LUMBER-----	6,135		6,135
2431 VENEER, PLYWOOD, WORKED WOOD-----	71,216		71,216
2611 PULP-----	53,018		53,018
2631 PAPER AND PAPERBOARD-----	26,859		26,859
2819 BASIC CHEMICALS AND PROD, NEC-----	17,282	17,282	
2871 NITROGENOUS CHEM FERTILIZERS-----	11,862	11,862	
2916 LUBRICATING OILS AND GREASES-----	9,631	9,631	
3201 BUILDING CEMENT-----	103,057	103,057	
3310 IRON AND STEEL PRIMARY FORMS-----	572	572	
3316 IRON AND STEEL PLATES, SHEETS-----	1,542	1,542	
3511 MACHINERY, EXCEPT ELECTRICAL-----	99	99	
4011 IRON AND STEEL SCRAP-----	8,751		8,751
4110 WATERWAY IMPROVEMENT MAT-----	146,498	23,350	123,148

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
MADISON PARISH PORT, LA,-----	0103 CORN-----	56,323		
	0104 OATS-----	77,227		
	0105 RICE-----	1,550		
	0106 SORGHUM GRAINS-----	6,188		
	0107 WHEAT-----	3,187		
	0111 SOYBEANS-----	24,522		
	0119 OILSEEDS, NEC-----	3,112		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	39,017		
	2042 ANIMAL FEEDS-----	2,171		
	2871 NITROGENOUS CHEM FERTILIZERS-----	14,040		
	TOTAL-----	227,337		

MISSISSIPPI RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

COMPARATIVE STATEMENT OF TRAFFIC
(NET INLAND TRAFFIC)

YEAR	TONS	YEAR	TONS
1977	352,471,225	1982	347,474,116
1978	355,364,514	1983	351,953,271
1979	370,757,973	1984	386,568,087
1980	365,569,149	1985	379,852,148
1981	362,930,042	1986	402,801,874

INTERNAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1986

(SHORT TONS)

COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)	COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)
0101 COTTON, RAW	4,115	2813 ALCOHOLS	2,589,095
0102 BARLEY AND RYE	30,030	2817 BENZENE AND TOLUENE	2,307,964
0103 CORN	20,884,071	2818 SULPHURIC ACID	932,186
0104 OATS	373,775	2819 BASIC CHEMICALS AND PROD, NEC	13,073,364
0105 RICE	986,720	2821 PLASTIC MATERIALS	13,430
0106 SORGHUM GRAINS	2,391,162	2822 SYNTHETIC RUBBER	74,155
0107 WHEAT	5,619,456	2841 SOAP	1,400
0111 SOYBEANS	17,799,979	2861 GUM AND WOOD CHEMICALS	1,471
0119 OILSEEDS, NEC	21,390	2871 NITROGENOUS CHEM FERTILIZERS	5,065,304
0161 ANIMALS AND PRODUCTS, NEC	27,434	2872 POTASSIC CHEM FERTILIZERS	1,384,980
0801 CRUDE RUBBER AND ALLIED GUMS	2,838	2873 PHOSPHATIC CHEM FERTILIZERS	560,771
0911 FRESH FISH, EXCEPT SMELLFISH	2,405	2879 FERTILIZER AND MATERIALS, NEC	3,849,051
0912 SMELLFISH, EXCEPT PREPARED	56,945	2891 MISCELLANEOUS CHEMICAL PROD	339,690
0931 MARINE SMELLS, UNMANUFACTURED	1,549,125	2911 GASOLINE	14,808,191
1011 IRON ORE AND CONCENTRATES	1,405,180	2912 JET FUEL	2,489,597
1021 COPPER ORE AND CONCENTRATES	83,367	2913 KEROSENE	242,725
1051 ALUMINUM ORES, CONCENTRATES	242,411	2914 DISTILLATE FUEL OIL	7,900,321
1061 MANGANESE ORES, CONCENTRATES	181,587	2915 RESIDUAL FUEL OIL	14,190,276
1091 NONFERROUS ORES, CONCENT, NEC	495,592	2916 LUBRICATING OILS AND GREASES	2,658,524
1121 COAL AND LIGNITE	153,636,497	2917 NAPHTHA, PETROLEUM SOLVENTS	2,658,462
1311 CRUDE PETROLEUM	18,000,354	2918 ASPHALT, TAR, AND PITCHES	4,117,899
1411 LIMESTONE	3,968,712	2920 COKE, PETROLEUM COKE	4,591,140
1482 SAND, GRAVEL, CRUSHED ROCK	36,271,117	2921 LIQUEFIED GASES	1,260,017
1491 CLAY	392,097	2991 PETROLEUM AND COAL PROD, NEC	189,655
1471 PHOSPHATE ROCK	32,240	3011 RUBBER AND MISC PLASTIC PROD	739
1479 NATURAL FERTILIZER MATS, NEC	7,852	3211 GLASS AND GLASS PRODUCTS	13,476
1492 SULPHUR, DRY	3,011	3241 BUILDING CEMENT	4,854,600
1493 SULPHUR, LIQUID	1,718,413	3251 STRUCTURAL CLAY PRODUCTS	8,950
1494 GYPSUM, CRUDE AND PLASTER	232,674	3271 LIME	1,527,676
1499 NONMETALLIC MINERALS, NEC	5,307,189	3281 CUT STONE AND STONE PRODUCTS	9,115
1911 ORDNANCE AND ACCESSORIES	4,552	3291 MISC NONMETALLIC MINERAL PROD	24,964
2014 TALLOW, ANIMAL FATS AND OILS	111,202	3311 PIG IRON	142,006
2034 VEGETABLES AND PREP, NEC	1	3312 SLAG	803,116
2039 PREP FRUIT AND VEG JUICE, NEC	1,417	3314 IRON AND STEEL PRIMARY FORMS	1,235,207
2041 WHEAT FLOUR AND SEMOLINA	47,356	3315 IRON, STEEL SHAPES, EXC SHEET	1,725,124
2042 ANIMAL FEEDS	6,868,783	3316 IRON AND STEEL PLATES, SHEETS	925,150
2049 GRAIN MILL PRODUCTS, NEC	5,487,309	3317 IRON AND STEEL PIPE AND TUBE	432,473
2061 SUGAR	439,733	3318 FERROALLOYS	928,086
2062 MOLASSES	389,635	3319 IRON AND STEEL PRODUCTS, NEC	262,113
2081 ALCOHOLIC BEVERAGES	2,430	3321 NONFERROUS METALS, NEC	14,617
2091 VEGETABLE OILS, MARG, SHORT	1,085,502	3322 COPPER ALLOYS, UNWORKED	35,712
2092 ANIMAL OILS AND FATS, NEC	4,461	3323 LEAD AND ZINC, UNWORKED	86,408
2094 GROCERIES	74	3324 ALUMINUM AND ALLOYS, UNWORKED	178,668
2095 ICE	9,519	3411 FABRICATED METAL PRODUCTS	149,351
2099 MISCELLANEOUS FOOD PRODUCTS	207,326	3511 MACHINERY, EXCEPT ELECTRICAL	174,576
2211 BASIC TEXTILE PRODUCTS	14,985	3611 ELECTRICAL MACH AND EQUIP	13,065
2212 TEXTILE FIBERS, NEC	12,700	3711 MOTOR VEHICLES, PARTS, EQUIP	9,379
2411 LOGS	312,652	3731 SHIPS AND BOATS	4,473
2414 TIMBER, POSTS, POLES, PILING	2,123	3791 MISC TRANSPORTATION EQUIPMENT	1,424
2415 PULPHOOD, LOG	4,324	3911 MISC MANUFACTURED PRODUCTS	330,230
2416 WOOD CHIPS, STAVES, MOULDINGS	381,742	4011 IRON AND STEEL SCRAP	3,088,973
2421 LUMBER	29,793	4012 NONFERROUS METAL SCRAP	15,521
2431 VENEER, PLYWOOD, WORKED WOOD	113,634	4029 WASTE AND SCRAP, NEC	198,094
2491 WOOD MANUFACTURES, NEC	587	4111 WATER	375,093
2511 FURNITURE AND FIXTURES	9	4112 COMMODITIES, NEC	74,297
2611 PULP	177,246	4118 WATERWAY IMPROVEMENT MAT	6,611,461
2621 STANDARD NEWSPRINT PAPER	51,041	4119 EMPTY CONTAINERS	1,049
2631 PAPER AND PAPERBOARD	231,685		
2691 PULP AND PAPER PRODUCTS, NEC	52,835		
2810 SODIUM HYDROXIDE	3,037,583		
2811 CRUDE TAR, OIL, GAS PRODUCTS	833,895		
		TOTAL SHORT TONS	402,801,874
		TOTAL TON-MILES, 215,179,480,740	

CHICAGO, IL, DISTRICT

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

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

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	44,516,298	116,960	1982	42,719,065	78,128
1978	41,609,086	87,630	1983	43,513,477	67,380
1979	39,339,385	66,490	1984	39,630,768	60,960
1980	45,526,962	65,612	1985	38,530,658	100,324
1981	43,111,132	68,738	1986	43,427,158	60,496

FREIGHT TRAFFIC, 1986

FOREIGN, COASTWISE AND LAKEWISE

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		CANADIAN	COASTWISE	LAKEWISE		THROUGH DOWNBOUND
				IMPORTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	1,129,212	6,149	270	335,819	208,028	538,946
1011 IRON ORE AND CONCENTRATES	479,806					479,806
1121 COAL AND LIGNITE	17,987					17,987
1311 CRUDE PETROLEUM	6,149	6,149				
1411 LIMESTONE	25,754					25,754
1499 NONMETALLIC MINERALS, NEC	13,983			13,983		
2810 SODIUM HYDROXIDE	7,104				7,104	
2871 NITROGENOUS CHEM FERTILIZERS	19,222				19,222	
2911 GASOLINE	5,936			5,936		
2912 JET FUEL	32,236			32,236		
2913 KEROSENE	10,538			4,279	6,259	
2914 DISTILLATE FUEL OIL	145,936			71,080	74,856	
2915 RESIDUAL FUEL OIL	243,168			149,203	93,885	
2916 LUBRICATING OILS AND GREASES	32,200			32,200		
2917 NAPHTHA, PETROLEUM SOLVENTS	13,836			2,023	11,813	
2918 ASPHALT, TAN, AND PITCHES	23,799			23,799		
3241 BUILDING CEMENT	15,399					15,399
3314 IRON AND STEEL PRIMARY FORMS	1,000			1,000		
3315 IRON, STEEL SHAPES, EXC SHEET	1,680				1,680	
3511 MACHINERY, EXCEPT ELECTRICAL	270		270			
4011 IRON AND STEEL SCRAP	1,680				1,680	
4118 WATERWAY IMPROVEMENT MAT	31,529				31,529	
TON-MILES, FOREIGN, COASTWISE AND LAKEWISE,	39,042,869.					

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH			
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		
TOTAL	42,297,946	10,737,392	343,760	1,275,754	17,956,176	5,240,952	1,274,616	3,375,654	2,093,642
0103 CORN	8,680,463	1,605	14,963	7,071	8,407,343	4,738	74,748		169,997
0104 OATS	15,724							7,477	8,247
0106 SOYBEAN GRAINS	62,971	11,620			59,499	11,652			
0107 WHEAT	252,240				146,830			1,570	103,832
0111 SOYBEANS	4,770,406				4,485,059				285,347
0841 CRUDE RUBBER AND ALLIED GUMS	2,838	2,838							
0931 MARINE SHELLS, UNMANUFACTURED	11,894							11,894	
1011 IRON ORE AND CONCENTRATES	61,073	4,399						56,674	
1051 ALUMINUM ORES, CONCENTRATES	2,964	1,400						1,564	
1061 MANGANESE ORES, CONCENTRATES	22,256	4,213						17,232	811
1091 NONFERROUS ORES, CONCENT, NEC	9,637	2,791						6,846	
1121 COAL AND LIGNITE	7,545,250	2,940,262	10,980		1,617	3,469,220		1,118,866	4,285
1311 CRUDE PETROLEUM	140,229				140,229				
1411 LIMESTONE	24,170	19,157						5,013	
1462 SAND, GRAVEL, CRUSHED ROCK	2,577,682	41,312		997,650	38,085	1,251,300	240,300	1,417	7,618
1451 CLAY	1,409							1,409	
1471 PHOSPHATE MUCK	1,502	1,502							
1479 NATURAL FERTILIZER MATS, NEC	4,903	4,903							
1494 GYPSUM, CRUDE AND PLASTERS	20,483	20,483							
1499 NONMETALLIC MINERALS, NEC	936,622	655,662	59,150		1,448		21,600	238,742	
2014 TALLOW, ANIMAL FATS AND OILS	56,945				27,076				29,869
2042 ANIMAL FEEDS	1,390,335	28,399			1,357,596				4,340
2049 GRAIN MILL PRODUCTS, NEC	404,000	1,600			400,537				1,863
2061 SUGAR	75,766	60,334						15,432	
2062 MOLASSES	62,614	48,187						14,427	
2091 VEGETABLE OILS, MANG, SHORT	32,959	19,500	700		2,722			8,362	1,675
2415 PULPHOOD, LOG	1,384	1,584							
2821 LUMBER	10,449	3,200			2,224			5,025	
2831 VENEER, PLYWOOD, MURLED WOOD	11,007	3,775						9,232	
2831 PULP	1,328	1,328							
2831 STANDARD NEWSPRINT PAPER	934								
2831 PAPER AND PAPERBOARD	19,120	11,571						7,549	
2810 SODIUM HYDROXIDE	574,438	443,051	5,560		15,228	678		112,141	
2811 CRUDE TAR, OIL, GAS PRODUCTS	231,258	133,235	15,568		64,512	4,150			15,791

Waterborne Commerce of the United States, 1986

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

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2813 ALCOHOLS-----	785,230	345,905	-----	6,971	249,647	73,692	67,823	41,194	-----
2817 BENZENE AND TOLUENE-----	140,211	51,045	1,400	-----	36,426	16,515	-----	44,747	10,080
2818 SULPHURIC ACID-----	1,597	-----	-----	-----	1,597	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC--	1,668,479	1,446,833	116,396	-----	20,796	15,968	11,647	38,285	18,554
2821 PLASTIC MATERIALS-----	1,827	1,827	-----	-----	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS--	688,502	404,068	-----	30,448	43,594	2,207	27,579	157,459	23,147
2872 POTASSIC CHEM FERTILIZERS--	199,764	177,541	-----	-----	2,993	17,752	-----	1,478	-----
2873 PHOSPHATIC CHEM FERTILIZERS--	78,099	64,094	-----	1,801	-----	1,072	-----	11,132	-----
2879 FERTILIZER AND MATERIALS, NEC--	860,291	826,030	-----	-----	664	1,605	5,072	23,841	3,079
2891 MISCELLANEOUS CHEMICAL PROD--	87,392	5,736	-----	-----	-----	-----	-----	52,814	28,842
2911 GASOLINE-----	607,382	308,297	1,400	1,887	162,922	3,762	232,880	-----	96,234
2912 JET FUEL-----	25,642	4,486	2,589	-----	3,219	1,320	14,228	-----	-----
2913 KEROSENE-----	58,379	28,857	-----	3,580	18,979	-----	-----	6,963	-----
2914 DISTILLATE FUEL OIL-----	909,048	216,166	-----	-----	247,680	197,642	247,560	-----	-----
2915 RESIDUAL FUEL OIL-----	1,265,483	695,696	4,792	3,786	199,053	84,618	71,156	6,402	-----
2916 LUBRICATING OILS AND GREASES--	343,677	266,170	-----	-----	8,756	1,400	-----	-----	67,371
2917 NAPHTHA, PETROLEUM SOLVENTS--	245,674	151,343	7,231	-----	28,662	30,869	12,758	1,355	13,956
2918 ASPHALT, TAN, AND BITUMENS--	866,697	331,145	16,219	-----	298,900	4,030	183,266	10,444	42,673
2920 COKE, PETROLEUM COKE-----	1,973,726	144,648	1,594	217,622	849,135	46,564	48,240	90,316	175,407
2991 PETROLEUM AND COAL PROD, NEC--	6,349	1,400	-----	-----	1,600	-----	3,349	-----	-----
3241 GUILDING CEMENT-----	572,888	456,335	-----	-----	187	-----	-----	116,566	-----
3271 LIME-----	119,753	45,350	-----	-----	-----	-----	-----	62,344	12,059
3281 CUT STONE AND STONE PRODUCTS--	7,600	7,600	-----	-----	-----	-----	-----	-----	-----
3311 PIG IRON-----	50,276	14,616	-----	-----	-----	-----	-----	34,215	1,485
3312 SLAG-----	298,089	6,030	16,445	3,538	-----	-----	-----	231,108	40,968
3314 IRON AND STEEL PRIMARY FORMS--	350,506	45,855	1,400	-----	4,823	-----	-----	200,815	37,613
3315 IRON, STEEL SHAPES, EXC SHEET--	676,665	99,374	18,088	-----	141,502	-----	-----	289,504	128,201
3316 IRON AND STEEL PLATES, SHEETS--	161,700	25,767	3,894	-----	5,297	-----	-----	25,036	101,706
3317 IRON AND STEEL PIPE AND TUBE--	57,553	26,246	1,600	-----	-----	-----	-----	29,707	-----
3318 FERROALLOYS-----	164,724	12,389	-----	-----	1,412	-----	-----	139,423	11,500
3319 IRON AND STEEL PRODUCTS, NEC--	118,473	28,805	20,996	-----	8,922	-----	-----	19,727	40,023
3321 NONFERROUS METALS, NEC-----	9,204	-----	-----	-----	-----	-----	-----	9,204	-----
3323 LEAD AND ZINC, UNWORKED-----	16,716	3,245	-----	-----	-----	-----	-----	13,471	-----
3324 ALUMINUM AND ALLOYS, UNWORKED--	21,137	4,451	-----	-----	-----	-----	-----	16,686	-----
3411 FABRICATED METAL PRODUCTS--	34,812	18,217	-----	-----	-----	-----	-----	16,595	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	27,353	3,579	-----	-----	16,313	-----	-----	7,461	-----
3711 MOTOR VEHICLES, PARTS, EQUIP--	3,308	-----	-----	-----	817	-----	-----	2,491	-----
3731 SHIPS AND BOATS-----	16	-----	-----	-----	16	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	916,555	26,235	47,195	1,400	252,050	-----	12,410	34,195	543,070
4012 NONFERROUS METAL SCRAP-----	1,567	-----	-----	-----	-----	-----	-----	-----	1,567
4029 WASTE AND SCRAP, NEC-----	22,001	-----	-----	-----	19,029	-----	-----	-----	2,972
4111 WATER-----	1,200	-----	-----	-----	1,200	-----	-----	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	15,150	15,150	-----	-----	-----	-----	-----	-----	-----

TON-MILES, INTERNAL, 8,505,070,336.

TONS, ALL TRAFFIC, 43,827,158.

TON-MILES, ALL TRAFFIC, 8,540,919,354.

SECTION 2
TRIPS AND DRAFTS OF VESSELS

VICKSBURG, MS, DISTRICT

151

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
OUACHITA AND BLACK RIVERS, ARK. AND LA.					UPBOUND					DOWNBOUND		
9			26	135	99	260			22	166	12	200
8			14	17	13	44			22	18	5	45
7	120		44	17		181	120		40	3		163
6	1		8		1	10			6	5		11
5			10			10			9			9
4					6	6	1					1
3					4	182				138	108	266
2					4	4				27		27
1												
TOTAL	121		102	347	127	697	121		99	357	125	702
MOUTH OF YAZOO RIVER, MISS.					UPBOUND					DOWNBOUND		
9			33	291	69	393			23	274	90	387
8	30		54	31	2	117	30		70	54	99	253
7			84	207	3	294	2		87	11	3	103
6			5	2	2	9			13	2	1	16
5			17	4		21			19			19
3				1		1				2		2
2				251	160	411				488	63	511
1				1	5	6				4	2	6
AND LESS			2			2						
TOTAL	30		195	788	241	1,254	32		212	795	258	1,297
YAZOO RIVER, MISS.					UPBOUND					DOWNBOUND		
9				21		71			4	9	9	22
8			8	7		15			14	3	98	115
7			103	27	1	131	2		101			103
6			4			4			12			12
5			21			21			20			20
2				10	102	112				52		52
AND LESS			2			2						
TOTAL			138	65	103	306	2		151	64	107	324
RED RIVER BELOW FULTON, ARK.					NORTHBOUND					SOUTHBOUND		
9			35	464	99	598			29	431	12	472
8	2		27	205	13	247	2		36	14	5	57
7			243	40		283			238	3		241
6	1		21	4	1	27			19	1		20
5			24			24			24			24
4					6	6	1		1	20		22
3				2		2				46		46
2				879	4	883				1,022	108	1,130
1					8	4				61		61
TOTAL	3		350	1,594	127	2,074	3		347	1,598	125	2,073
BIG SUNFLOWER RIVER, MISS.					NO VESSEL TRIPS REPORTED							
BOEUF RIVER, LA.					NO VESSEL TRIPS REPORTED							
LITTLE RIVER, LA.					UPBOUND					DOWNBOUND		
TOTAL, 9 AND LESS			42	2	84	128			41	2	84	127
PEARL RIVER, MISS. AND LA.					UPBOUND					DOWNBOUND		
TOTAL, 8 AND LESS			7			7			7	1		8
TENSAS RIVER AND BAYOU MACON, LA.					NO VESSEL TRIPS REPORTED							

Waterborne Commerce of the United States, 1986 MEMPHIS, TN, 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	
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.				UPBOUND					DOWNBOUND			
9			53	46	8			55	251		306	
7			32	39				32	19		51	
6			24					18	3		21	
5			2	55				2	15		17	
4				18					65		65	
3			16					14		7	14	
2				241					139	7	146	
1				29							29	
TOTAL			193	428	8	629		186	427	7	620	
WOLF RIVER, TENN.				INBOUND					OUTBOUND			
9			20	477	64	561		16	405	22	483	
8	12		24	4		40	12	12	34	1	59	
7			14	1		15		4	5		9	
6			1	2		3		1	19		20	
5				2		2			1		1	
2				252	9	261			321	43	364	
1				2		2			1		1	
TOTAL	12		59	738	73	882	12	33	786	66	897	
ST. FRANCIS AND L. ANGUILLE RIVERS AND BLACKFISH BAYOU, ARK.			NO VESSEL TRIPS REPORTED									

ST. LOUIS, MO, 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	
KASKASKIA RIVER, ILL.				UPBOUND					DOWNBOUND			
9			80	423				308	1,275		1,583	
8			154	141				92	76		168	
7			287	16				311	4		315	
6									1		1	
5								7			7	
4				1		1			55		55	
3				1,437		1,437			193		193	
2				9		9			227		227	
1												
TOTAL			521	2,027		2,548		718	1,831		2,549	
PORT OF METROPOLITAN ST. LOUIS				INBOUND					OUTBOUND			
9			2,330	3,626	1,223	7,179	1	1,823	5,897	1,474	9,195	
8	20		1,528	320	137	1,805	22	1,320	1,635	333	3,310	
7	2		945	766	22	1,735	2	843	730	27	1,602	
6 AND LESS	801		1,977	6,198	1,860	10,836	802	1,964	3,387	1,295	7,848	
TOTAL	823		6,580	10,910	3,242	21,555	827	5,950	11,649	3,129	21,555	

ST. PAUL, MN, 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	
BLACK RIVER, WIS.	UPBOUND						DOWNBOUND					
9			15	21	71			13	13	18	44	
8	1		7	1	4	1		9			10	
7	17		3			17		3			20	
6				1							1	
5										2	2	
4									13	49	62	
3					1					10	10	
2				3	1	4						
1												
TOTAL	18		25	26	76	145	18	25	26	79	148	
MINNESOTA RIVER, MINN.	UPBOUND						DOWNBOUND					
9			3	374	13	390		3	1,521	6	1,330	
8			4	14	0	24		4	47		51	
7			100	8		108		99	2		101	
6			1	4		5		1	7		8	
5			130	2		132		130			130	
4				1,060	3	1,063			88	12	100	
3				13	2	15			10	7	17	
2												
1												
TOTAL			238	1,475	24	1,737		237	1,475	25	1,737	
ST. CROIX RIVER, WIS. AND MINN.	UPBOUND						DOWNBOUND					
TOTAL, 9 AND LESS	20		88	193		301	19	88	192		299	

LITTLE ROCK, AR, 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	
MCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM (CONSOLIDATED REPORT)	UPBOUND						DOWNBOUND					
9			986	925	205	2,116		748	1,693	227	2,668	
8			140	1,821	28	1,989		179	1,552	131	1,862	
7			3,540	292	16	3,848		3,593	983	2	4,578	
6			779	809	5	1,593		784	2,178	7	2,969	
5			1,561	100	4	1,665		1,521	203	2	1,726	
4			1,734	10	2	1,746		1,727	37		1,764	
3	291			117	18	426	291	14	113	1	419	
2		2,182		5,617	208	3,643			1,875	193	2,068	
1			4	1,477	20	1,497			446	22	468	
AND LESS						4		2			2	
TOTAL	291	2,182	8,744	11,168	506	18,527	291	8,568	9,080	585	18,524	
BLACK RIVER, ARK. AND MO.	NO VESSEL TRIPS REPORTED											
UPPER WHITE RIVER, ARK.	UPBOUND						DOWNBOUND					
TOTAL, 6 AND LESS	93					93	93				93	

ROCK ISLAND, IL, 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	
ILLINOIS RIVER, ILL.	NO VESSEL TRIPS REPORTED											

Waterborne Commerce of the United States, 1986
MISSOURI RIVER 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
MISSOURI RIVER, FORT BENTON, MONT., TO THE MOUTH (CONSOLIDATED REPORT)					UPBOUND					DOWNBOUND		
9				36	371	140			23	609	38	670
8				101	356	65			101	361	21	483
7				196	2,328	6			225	991		1,216
6	264			4,804	2,041				5,259	4,036		9,437
5	1,016			2,593	774		142		3,757	4,346		8,103
4				2,895	582				1,376	506		1,882
3				366	53				183	3		547
2	361			53	2,543	35				2,213	101	2,464
1	414				2,706		150			222	64	286
TOTAL	2,224		11,034	12,154	246	25,658	653		10,924	13,247	224	25,088
MISSOURI RIVER, KANSAS CITY TO THE MOUTH					UPBOUND					DOWNBOUND		
8				117	698	199			114	954	45	1,113
7				188	2,200	6			183	481		1,064
6	264			4,720	2,441				5,175	1,445		6,755
5	94			1,736	774		95		2,892	6,072		8,964
4	1,016			2,820	552				1,319	464		1,783
3				366	53				183	3		187
2	1			53	2,372	7	1			1,866	91	2,109
1	414				1,932		150			222	64	286
TOTAL	1,789		10,000	11,022	212	23,023	246		9,866	11,949	200	22,261
MISSOURI RIVER, OMAHA TO KANSAS CITY					UPBOUND					DOWNBOUND		
9				21	162	45			10	151	39	199
8				42	166	59			30	187	21	238
7				24	190	2			61	111		172
6				78	8				89	53		141
5	77			913	1		49		931	774		1,705
4				2	8				20	21		41
3										1		361
2	360				279	35		360		445	59	504
1					774			774			9	9
TOTAL	437		1,080	1,588	141	3,246	409		1,141	1,743	127	3,420
MISSOURI RIVER, SIOUX CITY TO OMAHA					UPBOUND					DOWNBOUND		
9				7	37	15			2	33	30	65
8				12	65	18			4	67	5	76
7				3		2			10			10
6				32	1				28			28
5				13					25			25
4				54	24				37	19		56
3					67	21				92	14	106
2											2	2
1												
TOTAL			121	194	56	371			106	211	51	368
MISSOURI RIVER, FORT BENTON, MONT., TO SIOUX CITY, IOWA					UPBOUND					DOWNBOUND		
TOTAL, 6 AND LESS				52	11				15	7		22

Waterborne Commerce of the United States, 1986
LOUISVILLE, KY, 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	
GREEN AND BARREN RIVERS, KY.				UPBOUND					DOWNBOUND			
9			424	633		1,057		284	4,863		5,147	
8			150	56		206		146	212		398	
7			160	1		161		160	3		163	
6				1		1						
5									2		2	
4				1		1		1			1	
3									2		2	
2				4,554		4,554			413		413	
1				156		156			50		50	
TOTAL			734	5,402		6,136		591	5,545		6,136	
KENTUCKY RIVER, KY.				UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS	4		108	214	25	391	4	108	220	25	357	

HUNTINGTON, WV, 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	
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY, AND W, VA.				UPBOUND					DOWNBOUND			
9			137	315	154	606		124	3,572	557	4,253	
8			183	3	124	310		184	113	168	465	
7			262		47	309		259		50	309	
6			328		20	348		329	1	11	341	
5			73		7	80		115	1	6	122	
4			1,277		2	1,279		1,261		19	1,280	
3					32	32				15	15	
2			80	3,425	415	3,920		36	86	58	180	
1				70	231	301			7	213	220	
TOTAL			2,340	3,813	1,032	7,185		2,308	3,780	1,097	7,185	
KANAWHA RIVER, W, VA.				UPBOUND					DOWNBOUND			
9			1,771	1,612	493	3,876		1,809	10,929	59	12,797	
8			376	78	212	666		391	103	26	520	
7			132	11	139	282		100	2	13	115	
6			162	2	68	232		131	12	12	155	
5			141	2	34	177		141	2	22	165	
4			113		20	133		108		76	184	
3				1	13	14		2	1	61	64	
2			40	10,349	50	10,444		42	1,250	427	1,719	
1			1	183	1	185			8	282	290	
TOTAL	1		2,736	12,238	1,034	16,009		2,724	12,307	978	16,009	
LITTLE KANAWHA RIVER, W, VA.				UPBOUND					DOWNBOUND			
9			21	261	21	303		22	7	2	31	
8			31	355	28	414		16	1		17	
7			192	49	25	266		195	1		196	
6			100	31	10	141		99			99	
5			6	2	2	10		6		2	8	
4				1		1						
3				4	3	7			405	29	434	
2				1		1			299	53	352	
1												
TOTAL			351	704	89	1,143		338	713	86	1,137	
MUSKINGUM RIVER, OHIO			NO VESSEL TRIPS REPORTED									

PITTSBURGH, 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	
PORT OF PITTSBURGH, PA.	INBOUND						OUTBOUND					
9			1,388	12,274	1,331	14,993			1,405	2,896	435	4,736
8	4		788	4,191	225	5,208	4		779	1,136	34	1,953
7			789	1,001	127	1,917			780	672	8	1,460
6 AND LESS	4,113		4,258	6,080	548	14,999	4,108		4,287	19,024	1,550	28,969
TOTAL	4,117		7,223	23,546	2,231	37,117	4,112		7,251	23,728	2,027	37,110
MONONGAHELA RIVER, PA. AND N. VA.	UPBOUND						DOWNBOUND					
9			1,211	5,550	491	7,252			1,193	17,690	136	19,019
8	4		542	1,260	87	1,893	4		535	3,484	29	4,052
7			805	551	51	1,407			1,284	112	6	1,402
6			1,112	83	20	1,215			1,515	61	1	1,577
5	1,358		1,253	41	6	2,654	1,424		1,039	3	5	3,271
4			98	822	2	922			98	480		578
3			1	1	27	29			4	4	27	35
2	1,862		4	20,732	141	22,739	1,942		4	6,312	482	8,740
1				953	6	959				216	180	396
TOTAL	3,220		5,026	29,993	831	39,070	3,370		6,472	28,362	866	39,070
ALLEGHENY RIVER, PA., IMPROVED PORTION	UPBOUND						DOWNBOUND					
9			161	882	201	1,244			162	262	18	442
8			38	203	18	259			38	1,669		1,707
7			44	70		114			38	452		490
6			1,201	58		1,259			1,343	77		1,420
5	1,311		1,325	26	1	2,663	1,260		1,295	445		3,000
4			20	334	1	355			18	434		452
3			1	3	2	6				1	1	2
2	993			2,297	10	3,300	993			1,184	201	2,378
1				739		739				44	4	48
TOTAL	2,304		2,790	4,612	233	9,939	2,253		2,894	4,568	224	9,939
ALLEGHENY RIVER, PA., OPEN CHANNEL PORTION	NO VESSEL TRIPS REPORTED											

OHIO RIVER 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	
OHIO RIVER	UPBOUND						DOWNBOUND					
9	1	1	9,302	44,883	8,133	59,520	1		8,953	65,261	3,510	77,725
8	65		5,133	2,842	1,090	9,130	58	11	5,105	6,583	760	12,517
7	10		4,302	2,927	452	7,691	12		3,967	2,237	289	6,505
6	462		3,246	569	178	4,455	461		3,187	519	92	4,259
5	1,173		5,374	444	84	7,075	1,174		4,355	438	70	6,037
4	1,004		2,485	419	89	3,997	913		2,482	423	55	3,873
3	261		2,374	1,855	267	4,727	269		2,179	652	290	3,390
2	947		414	65,429	2,240	69,030	947		731	37,418	5,358	44,454
1			13	2,158	1,315	3,486			33	1,077	1,144	2,254
TOTAL	3,923	1	32,613	20,726	11,848	169,111	3,835	11	30,992	114,608	11,568	161,014

Waterborne Commerce of the United States, 1986

GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FL, AND THE MEXICAN BORDER

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
GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA. AND THE MEXICAN BORDER (CONSOLIDATED REPORT)													
12	899		17	1,455	67	598	3,036	1,273	39	1,922	61	741	4,036
11	1,094			792	83	1,242	3,211	346		752	63	626	2,188
10	367			1,972	1,057	3,279	6,675	453	1	1,916	593	2,693	5,646
9	307		1	4,633	9,162	8,857	22,940	476	4	4,868	4,530	7,252	17,130
8	935		1	5,827	1,196	2,036	9,995	800		6,923	1,141	2,174	10,218
7	1,334			5,243	290	1,436	8,307	1,168		5,242	335	901	7,646
6 AND LESS	2,811			10,122	6,795	15,421	35,149	3,236		10,198	11,139	17,896	42,469
TOTAL	7,747		19	30,044	18,654	32,869	49,333	7,832	44	31,121	17,853	32,483	49,333
GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY, FLA.													
11				64	4	213	281		1	57	3	6	67
10				93	1	29	123		1	101	1	2	105
9				239		232	971	1		240	611	9	861
8	2			196	58	64	320	1		175	15	5	194
7	1			209	22	27	259			189	13	1	203
6 AND LESS				185	54	96	335			167	155	536	858
TOTAL	3			986	639	661	2,289	2	2	929	794	557	2,289
GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY, FLA.													
11				115	5	328	448		1	124	4	7	136
10				178	220	160	558	121	1	187	9	17	335
9				330	1,332	399	2,061	1		130	764	23	1,118
8	2			443	170	85	700	1		378	35	5	419
7	1			341	35	40	417			318	43	5	366
6 AND LESS	523			247	169	176	1,115	524		248	1,224	929	2,925
TOTAL	526			1,654	1,931	1,188	5,299	647	2	1,585	2,079	986	5,299
GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO MOBILE BAY, ALA.													
12	11			18		24	57			16			16
11				115	13	347	475			104	4	4	112
10				380	407	183	970	7	1	317	14	8	347
9				353	2,002	692	2,958	1		306	991	85	1,423
8	2			617	252	117	988	1		485	47	13	546
7	1			549	41	85	726			480	47	2	529
6 AND LESS	184			274	239	163	640	187		269	2,430	1,172	4,058
TOTAL	198			2,356	2,958	1,520	7,032	196	1	2,017	3,533	1,284	7,031
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.													
11				74	32	432	538	1		91	10	261	363
10				397	336	452	1,185		1	374	222	285	882
9				900	3,455	1,245	5,601	1		917	1,932	1,094	3,964
8	3			1,464	465	224	2,156	1		1,373	240	157	1,771
7	3			1,167	40	294	1,504	2		1,385	76	113	1,276
6 AND LESS	10			557	1,584	1,530	3,691	51		546	3,609	2,223	6,429
TOTAL	17			4,559	5,912	4,177	14,665	56	1	4,386	6,049	4,133	14,665
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.													
12	407			46	41	377	871	1,158		85	60	540	1,952
11	899			130	46	767	1,842	271		136	52	610	1,869
10	191			1,055	341	1,940	3,527	200	1	1,046	253	1,966	3,466
9	261		1	2,480	4,371	5,445	12,558	347	1	2,499	2,656	4,130	9,631
8	753		1	2,555	909	1,442	5,450	698		2,685	843	1,543	5,809
7	916			2,564	130	892	4,502	895		2,601	276	542	4,318
6 AND LESS	1,406			7,554	4,486	9,057	22,503	1,534		7,571	5,377	10,507	25,009
TOTAL	4,853		2	16,344	10,114	19,920	51,253	5,103	2	16,623	9,577	19,947	51,252
GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.													
12	14		11	1,361	20	389	1,795	5		1,221	7	366	1,590
11	3			553	18	540	1,114	3		723	13	474	1,213
10	3			868	127	1,453	2,451	0	1	998	131	1,893	2,927
9			1	1,948	1,367	4,681	8,237	1	3	2,194	1,725	4,267	8,190
8	7			2,975	133	979	4,094	7		2,622	480	934	4,043
7	3			1,564	51	525	2,143	4		1,614	97	817	2,132
6 AND LESS	3			1,348	1,531	6,997	9,681	6		1,298	1,090	7,218	9,612
TOTAL	33		12	10,657	3,247	15,766	29,715	30	4	10,570	3,543	15,569	29,716
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.													
12	134		6	118	1	167	426	116		122	46	68	356
11	193			129	4	190	516	70		82	3	46	201
10	172			330	169	982	1,653	120		280	162	553	1,115

**GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE
BAY, FL, AND THE MEXICAN BORDER**

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	
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.--(CONTINUED)	EASTBOUND					WESTBOUND						
9 - - - - -	37	1	955	983	2,509	4,485	121	3	938	552	2,610	4,224
8 - - - - -	170		1,074	56	585	1,493	182		1,074	159	537	1,952
7 - - - - -	393		1,157	126	317	1,993	256		1,175	30	123	1,504
6 AND LESS - - - - -	610		1,536	843	3,683	6,676	855		1,597	1,324	4,433	8,209
TOTAL - - - - -	1,721	7	5,299	2,182	8,433	17,642	1,720	7	5,268	2,276	8,370	17,641
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN BORDER	EASTBOUND					WESTBOUND						
12 - - - - -					5	5	1		1		6	8
11 - - - - -	3		87	1	3	94	3		68		4	77
10 - - - - -	4		6	21	7	38	6		38	12	34	90
9 - - - - -	9		55	25	19	108	8		59	27	245	339
8 - - - - -	1		86	8	8	103			90	25	146	261
7 - - - - -	21		26	3	9	54	16		52	2	52	122
6 AND LESS - - - - -	73		259	224	552	1,108	88		242	148	156	634
TOTAL - - - - -	111		519	282	598	1,510	122		550	214	645	1,531

Waterborne Commerce of the United States, 1986

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		
BREECHOOBEE WATERWAY, FLA.													
12			16	EASTBOUND		16			16	WESTBOUND		16	
11			4		4	8			4			4	
10			2		365	367			3	1	97	101	
9			5		8	16			11	2		16	
8	6		14		1	21	1		13	1		22	
7	18		220		2	240	17		195	1		213	
6	142		15		4	161	142		15			157	
5			1		1	2			1			2	
4					4	4					1	2	
3	396		10		4	406	396		11	2		407	
2			14		14	14			15			15	
1											279	279	
TOTAL													
	562		277	39	377	1,255	564		258	36	379	1,237	
CHARLOTTE HARBOR, FLA.													
21			1	INBOUND		5			1	OUTBOUND		1	
20			7			7			7			7	
18 AND LESS			199			375			199			360	
TOTAL													
			207			380			207			360	
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.													
12			2	NORTHBOUND		24			24	SOUTHBOUND		24	
11			5		1	6			6		4	10	
10			3	1	99	104			2	1	372	375	
9			45	2	2	50			20	3	23	46	
8	1		42	1		45	2		36	1		39	
7	2		207	3	1	211	1		231	3		235	
6	340		5			345	340		1	7		348	
5	37		2	2	1	42	37		2	1		40	
4			1	10	3	17				3		3	
3				13	2	15				13		13	
2				6	18	24				4	1	5	
1					279	279							
TOTAL													
	380	3	327	43	406	1,159	380		322	40	400	1,142	
TAMPA HARBOR, FLA.													
36	1		5	INBOUND		6			2	6	OUTBOUND		9
35			3			3						9	
34	20		87		6	113	232	13	38			283	
33	19		39		14	98	77	8	32			117	
32	9		21	46	8	88	132	5	44		1	89	
31	5		19		5	44	23	5	17			45	
30	14		27		7	64	26	11	56	6		99	
29	32		15		18	50	115	9	4			36	
28	36		16	1	74	130	21	12			3	36	
27	58		8	2	20	91	27	6	3	1	3	40	
26	57		17	16	79	173	28	6	25	28	4	99	
25	49		28	10	62	158	50	19	3	22	2	96	
24	97		9	36	13	162	87	41	36	7	5	176	
23	75		6		31	112	30	32		3	3	68	
22	143		10	32	21	206	113	33	35	8	1	190	
21	96		4	26	5	131	69	6	26	6		107	
20	98		5	51	5	163	81	13	44	4	2	144	
19	85		4	9	1	112	43	68	4			120	
18 AND LESS	749		33	1,040	378	1,799	710	76	1,032	433	384	2,639	
TOTAL													
	1,642	351	1,274	690	434	4,391	1,675	365	1,258	676	424	4,398	
SAN JUAN HARBOR, P. R.													
36			2	INBOUND		2				OUTBOUND			
35	1		14			15						1	
34			19			18						1	
33	1		11			12	1					2	
32	4		13			17						3	
31	5		1			6	2		1			4	
30	1		3			4	2		2			5	
29	16		3			19	3		2			6	
28	92		7			99	65		2			67	
27	103		11			114	56		7			63	
26	115		3			118	101		4			105	
25	135		8			143	142		12			158	
24	238		1		1	240	172		7			179	
23	137		2			139	138		10			152	
22	132		5		2	139	248		6			254	
21	142		4		3	149	131		26		1	159	
20	139		2		1	144	133		5			138	
19	46		2	175	2	271	79		7	152	1	240	
18 AND LESS	67		3	39	26	158	90		3	36	1	130	
TOTAL													
	1,719	125	912	475	272	4,917	1,762	120	916	475	272	4,911	
PONCE HARBOR, P. R.													
36	9			INBOUND		11			25	OUTBOUND		27	
29	12		2			12			10			10	

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	
PONCE HARBOR, P. R. (CONTINUED)	INBOUND						OUTBOUND					
28	10					10	12				12	
27	18					18	10				10	
26	11	1				12	10				10	
25	3					3	10	2			12	
24	3					3	4				4	
23	5					5	5				5	
22	7					7	6	1			9	
21	9	1			1	11	5	1			6	
20	12	1				13	4	1			5	
19	12					12	5				5	
18 AND LESS	92	1	44	7	25	169	95	2	45	7	26	
TOTAL	203	6	44	7	26	286	203	9	45	7	26	
HAVAGUEZ HARBOR, P. R.	INBOUND						OUTBOUND					
24	15					15	2				2	
23	8			1		9					3	
22	14					14	3				2	
21	5			3		8	2				3	
20	20				1	21	3				27	
19	29					29	27				248	
18 AND LESS	149		27	3	19	198	195		28	7	18	
TOTAL	240		27	7	20	294	232		28	7	18	
ST. THOMAS HARBOR, V. I.	INBOUND						OUTBOUND					
35	88					88	50				50	
34	1					1					3	
32	3					3	3				1	
31	2					2	1				95	
30	100					100	95				194	
29	88					88	104				18	
28	19					19	18				67	
27	65					65	67				222	
26	192					192	222				19	
25	13					13	19				103	
24	97					97	103				74	
23	75					75	74				57	
22	53					53	57				14	
21	15					15	14				48	
20	43		1		1	45	47		1		46	
19	44					51	44			2	4279	
18 AND LESS	2,878	1	769	522	164	4,334	2,818	1	769	522	169	
TOTAL	3,736	1	770	522	172	5,201	3,736	1	770	522	171	
CHRISTIANSYED HARBOR, ST. CROIX, V. I.	INBOUND						OUTBOUND					
16	59	10	33	4	2	108	70	12	36	4	1	
15	92		26			118	78		25	1		
14	90	1	8			99	66	3	1			
13	79		3	1		83	32	1	1	1		
12	63	3	41	2		149	33	1	92	1		
11	47		125	1	24	197	94	2	123		1	
10	62	1	5		27	95	45	1	2	1	1	
9	40		2	50	1	93	122		1	66		
8	71		2	2		75	56			9		
7	100		18	102	2	222	82		23	87		
6 AND LESS	461		24	128	17	630	497		21	117	70	
TOTAL	1,164	15	327	290	73	1,869	1,165	20	325	287	73	
ANCLOTE RIVER, FLA. TOTAL, 6 AND LESS	308					308	308					
ARECIBO HARBOR, P. R. TOTAL, 16 AND LESS			4		3	7		4			4	
CEDAR KEYS HARBOR, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					
CHANNEL FROM NAPLES TO GORDON PASS AND BIG MARCO PASS, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					
CLEARWATER PASS, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					
CROSS-FLORIDA BARGE CANAL, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					
CRYSTAL RIVER, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					
EVERGLADES HARBOR, COLLIER COUNTY, FLA.	NO VESSEL TRIPS REPORTED						NO VESSEL TRIPS REPORTED					

Waterborne Commerce of the United States, 1986

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	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER
PAJARDO HARBOR, P. R. TOTAL, 21 AND LESS - - - - -	2,264		44	51	INBOUND	2,379	2,261	6	44	53	2	2,366
FORT MYERS BEACH, FLA.			NO VESSEL TRIPS REPORTED									
GUAYANES HARBOR, P. R.			NO VESSEL TRIPS REPORTED									
HONDASSA RIVER, FLA.			NO VESSEL TRIPS REPORTED									
HORSESHOE COVE, FLA.			NO VESSEL TRIPS REPORTED									
HUDSON RIVER, FLA.			NO VESSEL TRIPS REPORTED									
JOHNS PASS, FLA. TOTAL, 7 AND LESS - - - - -			3	3	UPBOUND	6			4	4		6
KISSIMMEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
LITTLE MANATEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
LONGBOAT PASS, FLA.			NO VESSEL TRIPS REPORTED									
MANATEE RIVER, FLA. TOTAL, 8 AND LESS - - - - -	37		2		UPBOUND	39	37		2			39
NEW PASS, FLA.			NO VESSEL TRIPS REPORTED									
PITHLACHASCOTEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
ST. PETERSBURG HARBOR, FLA. TOTAL, 32 AND LESS - - - - -	1,118	13	8		INBOUND	1,139	1,090	10	51			1,151
STEINHATCHEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
SUNANNEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
WITHLACOCHEE RIVER, FLA.			NO VESSEL TRIPS REPORTED									
WEDDON ISLAND, FLA. TOTAL, 35 AND LESS - - - - -		20	6		INBOUND	29		21	7		5	33

MOBILE, AL, 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		TANKER
ST. MARKS RIVER, FLA.												
12					UPBOUND					DOWNBOUND		
11					2					2		
10					175					1		
9					2					6		
8					12					23		
7					145					125		
6					4					59		
5					5					52		
4					2					5		
3					8					6		
2					5					3		
					5					175		
					5					145		
TOTAL			261	5	353	619			255	4	353	612
APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.												
9					UPBOUND					DOWNBOUND		
8					28					43		
7					75					71		
6					106					15		
5					121					11		
4					17					4		
3					3					25		
2					8					116		
					2					6		
					3					720		
					2					48		
					189					54		
					72					192		
					654					68		
					654					5		
TOTAL	108		527	839	146	1,670	108		528	840	146	1,622
GULF COUNTY CANAL, FLA.												
11					NORTHBOUND					SOUTHBOUND		
10					38					38		
9					67					49		
8					60					53		
7					504					2		
6					31					494		
5					37					2		
4					53					40		
3					4					53		
2					3					14		
					13					5		
					15					9		
TOTAL			294	507	15	814			294	506	17	817
PANAMA CITY HARBOR, FLA.												
33					INBOUND					OUTBOUND		
31					1					1		
30					1					2		
29					2					2		
28					8					14		
27					3					12		
26					5					6		
25					18					18		
24					9					9		
23					2					12		
22					1					5		
21					17					1		
20					6					9		
19					5					5		
18 AND LESS					1,453					1,443		
TOTAL	1,554		6	505	417	353	2,728	1,554	6	504	417	353
HATSON BAYOU, FLA.												
11					INBOUND					OUTBOUND		
10					3					3		
9					6					8		
8					189					15		
7					25					47		
6					79					15		
5					50					83		
4					10					42		
3					1					12		
2					5					26		
1					20					3		
					3					2		
					2					10		
					35					27		
					26					390		
					41					1		
TOTAL			238	243	208	649			256	243	180	679
ESCAMBIA AND CONECUM RIVERS, FLA., AND ALA., ESCAMBIA BAY, FLA.												
10					UPBOUND					DOWNBOUND		
9					203					284		
8					2					3		
7					20					26		
6					177					168		
5					4					4		
4					3					1		
3					15					1		
2					7					9		
1					4					46		
					8					55		
					4					76		
					1,019					84		
TOTAL	1		449	1,091	125	1,626	1		468	1,091	126	1,626

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					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	
PENSACOLA HARBOR, FLA.	INBOUND					OUTBOUND					
34 -						2	1				1
33 -						5					5
32 -	1					2					3
31 -		1				2					3
30 -	2					3					5
29 -	3					7			1		8
28 -	2					3					5
27 -	5	1				10	3		1		14
26 -	3					5					8
25 -	3					7					10
24 -	3					5					8
23 -	0	1				2		11			14
22 -	3			1		3		4			8
21 -	2					2		1			4
20 -	5					5					10
19 -	4					26					30
18 AND LESS -	17	22	464	178	348	1,097	3	1	464	177	348
TOTAL -	64	29	464	179	348	1,084	65	20	464	178	348
MOBILE HARBOR, ALA.	INBOUND					OUTBOUND					
48 -	29					29					29
39 -	24					24					24
38 -	6					4					10
37 -	1					1					2
36 -	6	2				9					11
35 -	6					10					16
34 -	7					8					15
33 -	10					10					20
32 -	19	10				29		3			32
31 -	19	6				25		12			37
30 -	26	7				33		37		3	73
29 -	29	8				37		23			60
28 -	33	4				37		41		2	80
27 -	48	1				49		25			74
26 -	44	1				50		66			116
25 -	40	6				47		36		2	85
24 -	59	5		1		64		41		9	114
23 -	53	2				55		42		1	98
22 -	47	4	1			52		41		1	95
21 -	56	2				60		33		5	104
20 -	53	1	22	1		77		37		31	138
19 -	45	0	14			59		35		15	89
18 AND LESS -	412	20	3,102	8,381	2,272	14,187	379	21	3,691	8,378	2,261
TOTAL -	1,072	69	3,139	8,382	2,273	14,955	1,072	68	3,138	8,383	2,273
THREE MILE CREEK, ALA.	INBOUND					OUTBOUND					
TOTAL, 18 AND LESS -	39		150	1,022	11	1,222	39		153	1,002	5
CHICKASAW CREEK, ALA.	INBOUND					OUTBOUND					
24 -	1					1	1			4	6
23 -	1			1		2					3
22 -	1					1					2
21 -	1					1					2
20 -	3					3					6
19 -	6					7					13
18 -	3	3				3				3	6
17 -	5			12		17	3	1			21
16 -	1		4			5		2		6	11
15 -	0		0			0		0			0
14 -	2					2		1			3
13 -	7		2			9		5			14
12 AND LESS -	56		1,564	3,208	1,012	5,840	55		1,366	3,209	1,014
TOTAL -	85	3	1,574	3,208	1,025	5,895	84	3	1,372	3,209	1,025
ALABAMA-COOSA RIVERS, ALA. AND GA.	UPBOUND					DOWNBOUND					
9 -			84	10	5	99		88	1,021		1,906
8 -			9	293	6	308		4	632		636
7 -			756	230		986		757	919		1,677
6 -			169			169		181	145		326
5 -			7			7		8			15
4 -			2	1,592		1,594		1			1
3 -			35	1,904		1,939		35	517		587
2 -										10	10
TOTAL -			1,062	4,029	11	5,102		1,066	4,025	10	5,101
BLACK HARRIOR AND TOMBIGEE RIVERS, ALA.	UPBOUND					DOWNBOUND					
9 -			209	1,772	221	2,202		339	2,696	198	9,253
8 -			1,756	49	142	1,947		1,673	1,839	39	2,751
7 -	2		739	55	5	801		749	923	5	1,677
6 -			173	236		409		173	340		513
5 -			36	6	1	43		17	10		27
4 -			5	1	5	11		3	1		6
3 -			21	2,649	4	2,674		22	79	2	103
2 -			47	6,407	145	6,659		48	370	318	736
1 -				267	10	277			22	13	35
TOTAL -	2		3,066	11,442	573	15,081		3,024	11,480	576	15,083

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
TENNESSEE-TOMBIGBEE WATERWAY	UPBOUND					DOWNBOUND							
TOTAL, 11 AND LESS	1			317	1,188	45				347	1,187	47	1,584
PASCAGOULA HARBOR, MISS.	INBOUND					OUTBOUND							
35							1						1
37			8				4	2					6
36			210				22	4					26
38							3	10					13
34	1		2				6	9					15
35	2		4				7	21					30
33	1		1				9	16				12	39
32	2		1				3	7				41	50
31	5		2				7	7					14
30	1		2				4	3					7
29	2		2		3		4	3					10
28	4		1				8	13					21
27	3		5				4	13					17
26	4		9				13	4	212			1	217
25	9		5				14	7					21
24	13		5				16	5				1	21
23	7		7				14	3					17
22	8		6	20			34	7					41
21	16		16		1		33	4					37
20	13		2	21			34	13		21	1	1	49
19	11		20				31	5					36
18 AND LESS	1,163		6	1,427	733	1,681	5,210	1,122	1	1,425	733	1,791	5,672
TOTAL	1,265	314	1,468	734	1,884	5,665	1,265	315	1,467	735	1,883	5,665	
BAYOU CASOTTE, MISS.	INBOUND					OUTBOUND							
37			8				6	2					8
36			210				13	4					17
35	1		2				3	3					6
34	1		4				5	21					27
33			1				1	16				12	35
32	1		1				2	1				41	49
31	1		2				3	7					10
30	1		2		3		6	5					11
29			2				2	2					4
28	3		1				4	3					7
27	2		4				6	3					9
26	3		9				12	1	211			1	213
25	7		5				12	3					15
24	10		3				13	1				1	14
23	3		7				10	1					11
22	3		5	20			10	3		21			34
21	11		15				26	5					31
20	4		2	21			27	3		21		2	29
19	7		19				26	2					28
18 AND LESS	17		6	1,211	160	1,866	3,258	6	2	1,210	159	1,775	3,152
TOTAL	75	308	1,252	160	1,867	3,662	74	310	1,252	159	1,866	3,661	
BILOXI HARBOR, MISS.	INBOUND					OUTBOUND							
12	1,368						16						16
11			4	25	3		32			2	1	1	4
10	303		1	105	3		412	5		1	104		110
9			8	531	32		571			10	531		541
8			44	4	9		57			40	1	3	44
7			42		2		44			49	17		66
6 AND LESS			33	95	5		133	1,648		30	106	51	1,836
TOTAL	1,671		132	760	54	2,617	1,671		132	760	55	2,616	
SULFPORT HARBOR, MISS.	INBOUND					OUTBOUND							
38	8						1						1
39	5						5	3					8
38	3						0	6					6
37	7						7	9					16
36	30						30	25					55
35	50						50	14					64
34	25						23	49					72
33	17						17	37					54
32	28						28	34					62
31	31						31	32					63
30	17						17	25					42
29	7						7	5					12
18 AND LESS	30			189	147	49	615	29		177	148	44	398
TOTAL	261			189	147	49	646	264		177	148	44	633
APALACHICOLA BAY, FLA.	INBOUND					OUTBOUND							
TOTAL, 12 AND LESS	136			2	36		174	136		2	36		174
BAYOU BERNARD, MISS.	INBOUND					OUTBOUND							
TOTAL, 11 AND LESS				8	26	15			10	25	14		49

Waterborne Commerce of the United States, 1986

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	
BAYOU CHICO, FLA. TOTAL, 11 AND LESS			112	97	52	261			196	101	54	261
BAYOU COHEN, ALA.			NO VESSEL TRIPS REPORTED									
BAYOU GALERE, MISS.			NO VESSEL TRIPS REPORTED									
BAYOU LA BATRE, ALA. TOTAL, 12 AND LESS	878		6	10	2	886	868		8	10	2	886
BLACKWATER RIVER, FLA. TOTAL, 9 AND LESS			21	11	21	53			20	13	19	52
BON SECOUR RIVER, ALA. TOTAL, 10 AND LESS	868					868	868					868
CADET BAYOU, MISS.			NO VESSEL TRIPS REPORTED									
CARRABELLE, FLA. TOTAL, 12 AND LESS	506					506	506					506
CHOCTAWHATCHEE RIVER, FLA. AND ALA.			NO VESSEL TRIPS REPORTED									
DAUPHIN ISLAND BAY, ALA. TOTAL, 9 AND LESS			31	22		53			31	22		53
DOB AND POUL RIVERS, ALA.			NO VESSEL TRIPS REPORTED									
EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA. TOTAL, 9 AND LESS	13,000					13,000	13,000					13,000
EAST PEARL RIVER, MISS. TOTAL, 9 AND LESS	20		39	141	32	200	30		39	140	31	200
FLY CREEK (FAIRHOPE), ALA.			NO VESSEL TRIPS REPORTED									
GRAND LAGOON, PANAMA CITY, FLA.			NO VESSEL TRIPS REPORTED									
LA GRANDE BAYOU, FLA. TOTAL, 11 AND LESS			62	46	19	127			80	36	17	133
PANACEA, FLA.			NO VESSEL TRIPS REPORTED									
PASCAGOULA RIVER, MISS. TOTAL, 9 AND LESS			5	2		7			5	2		7
PASS CHRISTIAN HARBOR, MISS. TOTAL, 7 AND LESS			2			2			2			2
PERDIDO PASS CHANNEL, ALA. TOTAL, 9 AND LESS	772					772	772					772
PORT ST. JOE HARBOR, FLA. TOTAL, 23 AND LESS	2	1	295	9	19	326	2	1	296	8	19	326
UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO HAZARDNA			NO VESSEL TRIPS REPORTED									
WOLF AND JORDAN RIVERS, MISS. TOTAL, 7 AND LESS			1	12		13			1	12		13

NEW ORLEANS, LA, 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	
INNERHARBOR NAVIGATION CANAL, LA.	NORTHBOUND					SOUTHBOUND						
38	156	1				157					157	
29	45					45					45	
28	29					29					29	
27	26	1				27					27	
26	53					53					53	
25	38					38					38	
24	62					62					62	
23	70					70					70	
22	65					65					65	
21	38					38					38	
20	23					23					23	
19	26			1		27					27	
18 AND LESS	210	1	1,963	3,166	552	5,900	179	1	1,920	3,240	5,099	
TOTAL	847	3	1,963	3,167	552	6,532	806	1	1,920	3,240	6,484	
MISSISSIPPI RIVER-GULF OUTLET, LA.	UPBOUND					DOWNBOUND						
37											5	
36	3					3					1	
35	5					5					7	
34	7					7					5	
33	22					22					23	
32	34					34					41	
31	45					45					50	
30	57					57		1			48	
29	47					47					50	
28	32					32					74	
27	35					35		1			53	
26	56					56					67	
25	51					51					69	
24	63					63					39	
23	67					67					51	
22	77					77					56	
21	44					44					42	
20	34					34					20	
19	31					31					26	
18 AND LESS	242		714	1,083	350	2,389	167	2	746	1,033	345	
TOTAL	952		714	1,083	350	3,099	895	4	746	1,033	345	
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO	UPBOUND					DOWNBOUND						
12	364		6	31		407					420	
11	269		5	23		297			6	5	300	
10	105		2	93		200			5		106	
9	9		131	7	26	173			129	3	239	
8	92		36	8	9	139			25		131	
7	25		70	7	102	127			75	1	181	
6	357		216	8	58	639			153	34	12	
5	502		190	1	5	698			125	25	4	
4	74		6	10	3	101			1	53	8	
3	115		13	8	4	140			22	14	17	
2	24			72	46	142			8	105	203	
1				12	6	18				50	50	
TOTAL	1,936		669	140	311	3,056	2,042		537	143	314	
BARATARIA BAY WATERWAY, LA.	NORTHBOUND					SOUTHBOUND						
13											4	
12	4		2			6			4		670	
11	39		2			41			2	1	284	
10	1			1		2			2	2	7	
9	1,653		22	11	190	1,886			22	2	684	
8	1		171	2	78	252			167	10	188	
7	7		210	8	225	232			211	1	237	
6 AND LESS	81		571	216	209	1,077			587	198	305	
TOTAL	1,786		978	231	494	3,499	1,767		997	214	511	
BAYOU LAPOURCHE AND LAPOURCHE-JUMP WATERWAY, LA.	NORTHBOUND					SOUTHBOUND						
12	223		79	4		306			86		400	
11	71		13	4		88			12		178	
10	143		10	1		155			5	5	375	
9	44		14	1	9	68			16	2	99	
8	609		50	13	93	755			60	21	373	
7	458		114	3	8	571			117	31	900	
6	343		310	10	110	761			319	46	1,400	
5	799		382	4	7	1,193			820	39	2,470	
4	497		31	32	2	672			28	26	325	
3	1,721		32	39	3	1,795			6	20	3	
2	147		2	144	199	503			6	47	345	
1				17	46	63			9	21	30	
TOTAL	5,348		1,037	292	473	7,150	5,350		1,001	248	471	
BAYOU LITTLE CAILLON, LA.	UPBOUND					DOWNBOUND						
4											991	
3	51		539	1	24	571			512	4	385	
2			15		1	16			33		37	

TRIPS AND DRAUGHT 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	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
BAYOU LITTLE CHAILLOU, LA.--(CONTINUED)	UPBOUND					DOWNBOUND						
3'	3					5	2				285	297
4'	6					6			3			3
5'	24			2	466	486			4		60	64
6'				9	87	96						
TOTAL	90		584	16	572	1,252	4		352	4	672	1,252
MOULTRIE NAVIGATION CANAL, LA.	NORTHBOUND					SOUTHBOUND						
13'			1	2	4	7					2	2
12'	12		4	2	15	33	39		6	11		56
11'	14				25	39				11		11
10'			49	21	102	172	3		44	10	3	60
9'	7		39	39	89	158	3		25	10	18	56
8'	4		79	21	150	254	8		78	6	1	93
7'	20		195	35	22	272	4		196	36	3	239
6 AND LESS	437		1,292	455	307	2,571	390		1,264	505	830	2,999
TOTAL	494		1,643	575	794	3,504	447		1,613	591	855	3,504
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA. (BAYOUS LE CARP AND GRAND CHAILLOU)	NORTHBOUND					SOUTHBOUND						
8'	549		32	12	22	615	747		40	23	20	828
7'	391		100	17	3	511	121		146	3	5	275
6'	362		314	9	20	707	331		311	8	13	643
5'	527		344	26	9	926	502		225	16	2	743
4'	37		75	59	5	174	63		75	63	5	152
3'	3		22	14	3	44	31		19	24	2	74
2'			7	125	50	180	24		6	112	203	345
1'				8	51	59				22	104	126
TOTAL	1,849		916	270	163	3,218	1,765		820	271	362	3,218
ATCHAFALAYA RIVER, LA., MORAN CITY TO GULF OF MEXICO	NORTHBOUND					SOUTHBOUND						
17'			1	2		3	1		1	4		6
16'	3		2			5	3		2			10
15'			10	1	1	12			11	6	1	18
14'	16		4	1		23	243		2		1	246
13'	81		9		2	92	197		6			204
12'	335		14	1		350	642		14			656
11'	778		18	4		800	196		16	2		214
10'	143		37	45	41	286	113		39	1	22	175
9'	148		119	53	86	406	282		117	8	9	416
8'	416		92	890	186	1,584	379	1	92	4	12	488
7'	220		387	8	39	574	102		312	4	6	424
6 AND LESS	369		1,322	148	282	2,112	445		1,279	1,113	584	3,421
TOTAL	2,922		1,935	1,153	637	6,247	2,603	1	1,891	1,145	634	6,274
ATCHAFALAYA RIVER, LA.	NORTHBOUND					SOUTHBOUND						
12'	165		7	1	196	349	171		5	94	7	277
11'			8	10	103	129	7		3	3	10	23
10'	11		74	67	199	351	8		44	707	21	789
9'	44		138	237	483	902	49		288	709	237	1,223
8'	47		242	36	194	519	43		378	212	93	726
7'	5		543	15	74	637	3		531	47	34	635
6 AND LESS	115		1,413	1,450	757	3,735	83		1,413	516	966	2,978
TOTAL	387		2,425	1,824	2,006	6,642	364		2,602	2,288	1,388	6,642
GULF INTRACOASTAL WATERWAY, MORAN CITY-PORT ALLEN ROUTE	NORTHBOUND					SOUTHBOUND						
12'			3	39	218	257			2	17	68	87
11'			54	18	310	392			49	22	111	183
10'			336	166	625	1,127	1		302	136	426	864
9'			829	2,374	3,104	6,309			813	2,367	2,211	5,391
8'	2		942	135	728	1,827	2		706	172	307	1,187
7'	5		510	29	179	723			385	39	114	338
6 AND LESS	21		1,046	945	1,194	3,206	44		976	922	3,638	5,580
TOTAL	28		3,740	3,706	6,357	13,831	46		3,253	3,675	6,875	13,831
PEREYRE ANDER, TIGRE AND CARLIN BAYOUS, LA.	NORTHBOUND					SOUTHBOUND						
5'			14	283	7	244			14	1,902	38	1,954
4'			18			19			12	2	10	24
3'	2		41	1	3	48	2		47	13	17	79
2'	3		51			54	2		55		3	60
1'			11			11			15			15
			24	6	36	50	6		21			27
			2	814	36	852	16		2	25	11	94
				34	24	58				3		3
TOTAL	5		161	1,080	70	1,316	26		166	1,045	79	1,316

NEW ORLEANS, LA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
FRESHWATER BAYOU, LA.	UPBOUND						DOWNBOUND					
12	85					85	95					95
11	12			5		17	12					12
10	54		17	66		137	69		18		10	89
9	29		20	30		79	23		27		1	50
8	74		43	9		126	21		19			40
7	24		50	9		83	114		17		1	132
6	27		44	10		81	40		30			70
5	1		20	2	0	23	20		20		1	41
4	22		3	1	3	29			1		2	31
3	20			1	3	24			2		4	28
2				5	10	15					166	181
1					1	1					11	12
TOTAL	339		207	9	100	723	303		184		192	723
LAKE CHARLES DEEP WATER CHANNEL, LA.	EASTBOUND						WESTBOUND					
14	2		4			6	6		0		120	126
13	0		2		24	26	4				26	30
12	4		14		320	328	5		14		319	345
11	2		66		520	528	1		97		424	436
10	2		627		1,108	1,635	2		608		1,512	2,207
9		1	1,401		4,956	6,740	1	1	1,306		3,303	6,435
8			1,513		150	1,663	0		1,307		488	2,051
7			1,029		402	1,531	4		902		97	1,350
6 AND LESS	1		786		1,408	2,594	2		733		6,002	6,601
TOTAL	30	1	5,466		2,986	20,869	33	2	5,425		11,756	20,869
BAYOU TECHE, LA.	UPBOUND						DOWNBOUND					
12			4		2	6			2		4	6
11			4			4	1				2	3
10	1		10		7	20	1		0		16	27
9			69		80	149			54		100	154
8			20		79	99	7		17		39	56
7			250		2	252	41		275		2	327
6			52		10	62	34		150		2	186
5			16		3	19	10		261		4	275
4			7		1	8	6		18		3	24
3					1	1					3	4
2			6		75	81			4		47	128
1					0	0			10		10	14
TOTAL	97		779		266	1,989	90		707		241	1,989
HERMENTAU RIVER, LA.	EASTBOUND						WESTBOUND					
10			37		122	159			45		44	89
9			59		70	129	80		44		32	164
8			86		2	88	123		105		4	209
7			84		40	124	119		86		3	217
6			434		1	435	139		429		2	564
5			466		30	496	126		342		1	676
4			20		20	40	16		7		2	49
3			7		3	10	4		4		2	17
2			24		18	42	6		31		503	550
1					0	0			1		10	11
TOTAL	636		1,197		52	1,607	611		1,266		51	1,604
BAYOU TECHE AND VERMILION RIVER, LA.	UPBOUND						DOWNBOUND					
10	321		6		14	341	420		4		115	547
9	313		54		38	405	293		49		40	382
8	359		52		51	462	341	1	59		23	427
7	290		238		40	568	376		250		14	640
6	460		109		37	606	368		202		10	666
5	129		95		64	288	112		90		20	398
4	147		10		12	171	70		12		2	243
3	77		2		4	83	16		2		20	27
2			2		43	45	276		2		101	289
1					4	4	49		52		23	79
TOTAL	2,006		658		308	3,327	1,998	1	601		307	3,327
HERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.	NORTHBOUND						SOUTHBOUND					
12					1	1					10	10
11			20		0	20			20		100	120
10			115		92	207			115		178	292
9			25		32	57			37		37	74
8			05		0	5			97		10	107
7			142		341	483			120		130	250
6 AND LESS					514	514	41		120		120	411
TOTAL	20		395		498	1,538	41		397		458	1,538
CALCASIEU RIVER AND PASS, LA.	INBOUND						OUTBOUND					
40	0		00			00	13		0			13
39	1		36			37	12		2			14
38			21			21	1		3			4

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		
CALCASIEU RIVER AND PASS, LA. (CONTINUED)					INBOUND						OUTBOUND			
37	1	18	21			37	12	5	20		2	39		
36		15				15	9	4			1	13		
35	1	11			2	14	6	9			1	16		
34	2	8				10	8	9			1	18		
33	2	4			1	7	11	10			2	23		
32	4	4				8	12	7			31	50		
31	5	13				18	18	10				28		
30	2	10				12	8	10				18		
29	8	5				13	16	62				79		
28	8	6			1	15	17	63			34	114		
27	13	7				20	22	100			6	132		
26	10	10			1	25	4	10		1	2	17		
25	6	10			6	30	8	11			5	20		
24	12	2			6	20	13	29			5	47		
23	15	3				20	5	10		1		16		
22	12	5				26	4	6				10		
21	12	9				21	9	5				10		
20	12	14	37	2		74	3	10	38	1		47		
19	10	21	8	1		40	13	2	15	1	1	52		
18 AND LESS	1,657	44	2,404	1,437	4,169	9,791	1,672	4	2,627	1,098	4,226	9,629		
TOTAL	1,641	361	2,990	1,440	4,186	10,396	1,896	307	2,695	1,102	4,310	10,396		
PORT OF NEW ORLEANS, LA.					INBOUND						OUTBOUND			
48	26	69				95	405	25				430		
39	22	42				64	62	11				73		
38	13	24				37	35	11				46		
37	8	26	25			61	49	15			1	97		
36	22	12				34	55	19	26		13	78		
35	20	11				39	44	20				79		
34	40	25				65	34	91			1	126		
33	57	38		1		96	102	38			27	146		
32	92	74	4			120	80	20	4		4	113		
31	99	26		6		131	124	44			14	162		
30	131	35		2	1	169	102	43			10	197		
29	120	27		3	2	160	124	65	2		19	209		
28	124	24			2	148	142	35	1		3	202		
27	203	35	2	4	2	246	189	49	2		1	201		
26	210	31	1	10	19	271	190	49	9		71	301		
25	251	31	4	11	1	287	216	46	5		45	314		
24	295	43	39	11		388	174	33	31		9	290		
23	331	39		3		373	180	30			22	241		
22	349	38	6	10		399	168	25	7		20	220		
21	289	34	8	8		332	141	25	8		4	200		
20	243	32	16	5	7	303	93	19	13		3	131		
19	199	47	4	4	1	255	109	14	8		4	140		
18 AND LESS	4,043	142	13,434	33,520	13,373	64,421	4,370	60	13,450	33,205	13,374	64,461		
TOTAL	7,159	859	13,503	33,607	13,306	68,474	7,202	791	13,566	33,466	13,449	68,674		
PORT OF BATON ROUGE, LA.					INBOUND						OUTBOUND			
48	21	119				140	146	40				186		
39	12	30				42	23	32				55		
38	15	29				44	4	22				26		
37	13	24				37	32	33	1			66		
36	10	5				19	15	11				25		
35	13	7				20	14	27				41		
34	21	15		30		66	12	16			1	29		
33	27	17		18		62	38	31				69		
32	18	13	42	1		74	12	18	43			73		
31	11	11				31	34	21				56		
30	22	33		2		57	22	32				50		
29	28	19				47	43	21				65		
28	35	15				50	14	15			1	70		
27	29	21				50	36	107			33	174		
26	28	22				50	25	27			8	60		
25	47	19				66	25	29			1	95		
24	40	23				63	20	26			1	46		
23	41	16				57	35	23			1	99		
22	35	19			1	58	31	11				42		
21	32	14			1	47	31	10			1	42		
20	31	13	1	1		46	30	28	1		4	63		
19	24	8			1	33	41	11			2	54		
18 AND LESS	1,003	69	5,732	12,104	8,335	27,263	739	40	5,508	12,077	8,683	27,097		
TOTAL	1,569	501	5,775	12,156	8,338	28,419	1,422	651	5,553	12,128	8,685	28,419		
ARITE RIVER AND BAYOU MANCHAC, LA.					UPBOUND						DOWNBOUND			
TOTAL, 6 AND LESS			2			2			2			2		
BAYOU BONFDUCA, LA.					UPBOUND						DOWNBOUND			
TOTAL, 9 AND LESS			20	25		45	6		16		28	50		
BAYOU DUPRE, LA.					EASTBOUND						WESTBOUND			
TOTAL, 12 AND LESS	21		75		95	100	14		74		101	100		

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
BAYOU GROSSE TETE, LA. TOTAL, 9 AND LESS			14		UPBOUND	14			12		DOWNBOUND	12
BAYOU LACOMBE, LA.					NO VESSEL TRIPS REPORTED							
BAYOU LAQUEMINE BRULE, LA. TOTAL, 11 AND LESS			1		UPBOUND	4			2		DOWNBOUND	3
BAYOU SEGNETTE WATERWAY, LA. TOTAL, 8 AND LESS	19		2		UPBOUND	2	23	13	4		DOWNBOUND	6
BAYOU TERRECHNE, LA. TOTAL, 7 AND LESS	46		222		NORTHBOUND	35	194	497	81	246	SOUTHBOUND	31
BAYOUS LA LOUTRE, ST. MALO, AND YSLOSKEY, LA. TOTAL, 8 AND LESS	125		38		EASTBOUND	11	2	176	116	42	WESTBOUND	16
BIG PIGEON AND LITTLE PIGEON BAYOUS, LA. TOTAL, 8 AND LESS	9		220		UPBOUND		209	438	9	281	DOWNBOUND	206
CHEFUNCTE AND BOGUE FALIA RIVERS, LA. TOTAL, 9 AND LESS			4		UPBOUND	10		14	6	2	DOWNBOUND	11
CYPRESS BAYOU AND WATERWAY BETWEEN JEFFERSON, TEX., AND SHREVEPORT, LA.					NO VESSEL TRIPS REPORTED							
FRANKLIN CANAL, LA. TOTAL, 7 AND LESS			8		UPBOUND		8			12	DOWNBOUND	12
PASS MANCHAC, LA. TOTAL, 7 AND LESS	126		68		EASTBOUND	84	20	300	130	70	WESTBOUND	83
TICKFAN, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA.					NO VESSEL TRIPS REPORTED							
VINTON WATERWAY, LA.					NO VESSEL TRIPS REPORTED							
LAKE PONTCHARTRAIN, LA. TOTAL, 10 AND LESS	255		728		NORTHBOUND	1,643	79	2,795	275	692	SOUTHBOUND	1,589

Waterborne Commerce of the United States, 1986
GALVESTON, TX, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DRAFT (FEET)	DIRECTION					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		
JOHNSONS BAYOU, LA.													
					UPBOUND					DOWNBOUND			
8			313		6				330		106	436	
7			68			68			77		13	90	
6			2	2		4			6		95	101	
5			11	1	30	42			12		19	31	
2					193	193				9	4	13	
1					46	46					1	1	
	TOTAL		394	9	269	672			425	9	238	672	
SABINE-NECHES WATERWAY, TEX.													
					INBOUND					OUTBOUND			
81	1	17				18	6					6	
80	2	49				51	7	2				9	
39	1	50				59	10	7				17	
38		37			1	38	9	12				21	
37	2	56	4		4	66	10	24	6			40	
36	4	32			2	38	25	26				51	
35	5	25			3	33	16	45				58	
34	3	24				27	8	49			1	58	
33	4	16				20	22	51			1	74	
32	3	17				20	11	29			9	49	
31	6	14				20	30	72				102	
30	8	21			1	30	9	38				67	
29	10	19			1	30	22	53			4	70	
28	5	20				25	14	36			23	73	
27	9	23				32	33	60			1	102	
26	6	16				24	29	54				84	
25	18	31	1		2	52	14	46	1	1	3	65	
24	25	28			1	54	19	20			2	81	
23	26	27	2	1		56	17	20				37	
22	24	41	3			69	8	22	2			32	
21	35	23	1		1	59	13	23				36	
20	19	21	8		1	49	6	15				34	
19	31	25				56	6	21				35	
18 AND LESS	494	117	11,047	3,305	15,903	31,026	412	35	11,112	3,475	15,561	30,895	
	TOTAL	741	759	11,066	3,306	16,000	31,952	756	760	11,136	3,476	15,612	31,740
ORANGE, TEX. (SABINE RIVER)													
					INBOUND					OUTBOUND			
27		1				1	1	1				2	
25		1				1						1	
24	1	1				1		1				1	
23		1				1		1				1	
22	1	3				3		1				1	
21		3				3		2				3	
19		3				3	1	2				3	
18 AND LESS	1	2	271	153	209	716	3	8	290	85	290	676	
	TOTAL	3	12	271	153	209	720	5	14	290	85	290	680
DEAUMONT, TEX. (NECHES RIVER)													
					INBOUND					OUTBOUND			
40	1	55				56	9					9	
39		30			1	30	7	3				10	
38		20				21	4	3				7	
37		23	3			30	7	9	5			21	
36	1	14			2	17	19	4				23	
35	5	13			2	20	11	17				28	
34		8				8	4	20				28	
33	2	7				9	17	15				32	
32		8				8	7	12			6	25	
31	3	6				9	21	25				46	
30	5	8				13	2	21				23	
29	3	3			1	7	10	19			3	32	
28	2	5				7	5	23			21	49	
27	4	11				15	15	28				44	
26	2	12				14	13	20			1	42	
25	5	15			2	25	5	23			3	32	
24	11	15			1	27	6	16		1	2	28	
23	10	16	1			27	8	8				12	
22	7	30			1	38	2	12				14	
21	19	10				29	4	17				21	
20	18	7	6			23	1	9	10			20	
19	17	11				28	3	9				18	
18 AND LESS	47	38	4,795	692	4,692	10,264	9	16	4,765	431	4,947	10,160	
	TOTAL	154	360	4,805	692	4,706	10,725	185	337	4,780	432	4,990	10,724
PORT ARTHUR, TEX.													
					INBOUND					OUTBOUND			
41	1	16				17	6					6	
40	2	49				51	7	2				9	
39	1	50				59	10	7				17	
38		37			1	38	9	10				19	
37	2	56	4		4	66	10	24	6			40	
36	4	32			2	38	25	26				51	
35	5	25			3	33	16	45				61	
34	3	23				26	8	49			1	58	
33	4	16				20	22	51				74	
32	3	17				21	11	28			9	40	
31	4	16				22	30	70				100	
30	8	20			1	29	9	39				48	
29	10	19				29	22	53			5	60	

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DRAFT (FEET)	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	
PORT ARTHUR, TEX.--(CONTINUED)													
		INBOUND						OUTBOUND					
28	5	21				26	14	55			23	72	
27	9	23				32	33	68			1	102	
26	6	19				25	29	53			1	83	
25	18	32	1		2	53	14	45	1	1	3	64	
24	25	29			1	55	19	19			2	40	
23	26	27	2	1		56	17	20				37	
22	23	41	1		1	66	8	21	1			30	
21	35	23	1			59	13	22				35	
20	19	21	8			48	6	16	13			36	
19	31	23				54	6	22	2		6	36	
18 AND LESS	118	96	3,326	290	2,232	6,652	44	26	3,389	416	2,624	5,041	
TOTAL	364	740	3,343	291	2,247	6,985	388	753	3,362	417	2,676	6,986	
SABINE PASS HARBOR, TEX.													
		INBOUND						OUTBOUND					
40	3	62				65	13	2				15	
39	1	51				52	10	6				16	
38		31			1	32	9	13				22	
37	2	45	4		4	55	17	17	6			35	
36	5	30				34	25	22				47	
35	5	23			1	29	16	32				48	
34	3	23				26	8	41			1	50	
33	4	15				19	22	58			1	81	
32	3	16				19	11	27			7	48	
31	6	13				19	30	67				97	
30	8	18			1	27	9	29			1	39	
29	10	20				30	22	50			4	76	
28	5	19				24	14	38			18	70	
27	9	21				30	33	67			1	101	
26	6	20				26	29	62			1	92	
25	18	30	1		2	51	14	44	1	1	3	65	
24	25	27			1	53	19	20			2	41	
23	26	27	2	1		56	17	32				50	
22	24	41	1		1	67	8	21	1			30	
21	35	18	1			54	13	22				35	
20	19	18	9			46	6	15	11			52	
19	31	22				53	5	21	2			29	
18 AND LESS	469	115	1,181	25	314	2,104	387	20	1,147	36	260	1,656	
TOTAL	716	705	1,199	26	325	2,971	730	724	1,168	37	299	2,956	
CEDAR BAYOU, TEX.													
		UPBOUND						DOWNBOUND					
10					5	5						20	
9			10	61	79	150			11		17	9	
8			8	4	14	26			6		3	16	
7			13		2	15			13		3	34	
6			20	1		29			34			1	
5			1			1			1			1	
3											1	180	
2				12		12					51	6	
1											6	258	
TOTAL			60	78	100	238			65		75	93	
HOUSTON SHIP CHANNEL, TEX.													
		INBOUND						OUTBOUND					
38	54	222				276	60	260			2	322	
37	7	76	30		2	115	8	98	25		5	134	
36	17	66			2	85	15	81			6	102	
35	14	43			1	58	15	61			4	80	
34	28	69				97	32	100				132	
33	33	48			1	82	34	58			2	94	
32	69	66			1	136	76	62			3	141	
31	58	43				101	70	45			1	116	
30	100	71	1	1	2	173	102	74		2	1	179	
29	191	51		1	1	154	97	54		1	12	164	
28	155	72		1	1	129	152	74		1	1	220	
27	179	79		1	5	255	172	64		3	1	240	
26	106	91		19	5	301	194	84		5		285	
25	176	90		11	11	288	179	88		3		270	
24	203	95			7	305	202	90		2	6	300	
23	181	70	1	1	1	254	181	71	2	2	1	257	
22	137	64	5	1		207	137	59	7	3		206	
21	159	49	1			209	156	45	1	1		203	
20	134	93	21	1		249	129	58	27	4	1	219	
19	106	59	3	3		171	97	48	2	2		180	
18 AND LESS	716	208	13,044	3,208	10,182	36,408	704	178	12,958	3,249	10,209	36,389	
TOTAL	2,004	1,725	13,156	3,247	10,221	39,153	2,012	1,754	13,082	3,278	10,307	39,155	
DICKINSON BAYOU, TEX.													
		UPBOUND						DOWNBOUND					
7			73	125	3	201			72		2	76	
6			62	1		63			65		1	66	
5					1	1						6	
4			6			6			6			61	
2				25	25	50				54	27	110	
1				17		17				110		330	
TOTAL			141	168	20	330			143		30	330	

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
TEXAS CITY CHANNEL, TEX.												
				INBOUND					OUTBOUND			
40		12	19			19		11				11
39		4	77			89		14				83
38		4	79			83		5				84
37		3	98		2	103		4				56
36		4	57			61		5			1	66
35		2	21		1	24		2				25
34		2	19			21		2			1	26
33			18			18						25
32		2	20			22		2			10	40
31			18		1	19					4	27
30		7	20			27		7			14	63
29		2	9		2	13		2			14	30
28		4	22			26		7			4	46
27		5	17			22		5				24
26		3	21	1		25		2	1			21
25		3	27			30		3				28
24		2	25			27		2				22
23		4	19		1	24		5				19
22		3	14			17		2				15
21		5	13			40		11		42		53
20		5	14			42		5		23		30
19		5	5		2	12		5		7		12
18 AND LESS		28	20	1,683	93	3,981	5,805	26	37	1,651	101	3,948
TOTAL		101	652	1,733	93	3,990	6,589	105	671	1,717	101	3,996
BALVESTON HARBOR, TEX.												
				UPBOUND					DOWNBOUND			
41		20	82			102		21				91
40		140	140			280		47		173		230
38		25	154			179		33		177		212
37		14	176	30		224		20		151	25	201
36		24	126		2	153		29		145		161
35		24	64		2	93		31		84		119
34		36	90		3	126		44		153		140
33		44	68		1	113		46		84		132
32		78	87		1	166		90		92		195
31		65	61		1	127		80		69		154
30		116	92	1	2	211		126		117	7	265
29		110	82		4	178		108		78	3	219
28		170	95		1	267		171		110	1	287
27		184	96		1	286		185		83	3	272
26		205	113	1	71	345		212		105	1	325
25		189	118		11	329		192		114	3	309
24		232	125		5	369		234		110	3	353
23		259	94		1	357		258		87	2	353
22		167	88	5	8	268		163		75	10	259
21		211	71	67		349		199		58	43	301
20		167	107	44	1	319		161		69	50	266
19		136	66	3	3	212		119		56	2	181
18 AND LESS		1,436	199	233	91	2,235	1,428	208	247	95	108	2,392
TOTAL		3,954	2,397	385	149	7,209	3,993	2,471	377	146	203	7,199
BALVESTON CHANNEL, TEX.												
				INBOUND					OUTBOUND			
39		11	1			12		13		2		15
38		4	1			5		9		2		11
37		4	2			6		8		1		9
36		3	3		1	7		9		2		11
35		6			3	11		14				14
34		6	2			8		10		28		36
33		11	1			13		12		1		14
32		7	2			9		12		2		14
31		7				7		10		1		11
30		9	1		1	11		17		1		23
29		7	2			9		9		2		13
28		11	1			12		12		1		13
27		9				9		8				8
26		16	1		2	19		16		1		19
25		10	1			11		10		1		11
24		27	5		5	37		30				31
23		74	5			79		72		2		77
22		27	10		7	44		24		3		34
21		51	9			60		43		2		45
20		28				28		27				26
19		27	2			29		17		1		19
18 AND LESS		782	11	287	245	1,581	759	8	224	146	233	1,370
TOTAL		1,139	60	287	264	2,006	1,141	61	284	168	233	1,827
CHOCOLATE BAYOU, TEX.												
				UPBOUND					DOWNBOUND			
9				91		771	862		91		390	492
8				51		132	132		48		27	76
7				344	1	370	370		333	4	30	367
6 AND LESS				179	7	424	610		179	2	884	1,065
TOTAL				670	8	1,298	1,974		651	9	1,334	1,999

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			
SAR BERNARD RIVER, TEX.	UPBOUND							DOWNBOUND						
9			45		6	51			43		155	198		
8			17		5	22		15		10	25	47		
7			19		1	20		19		25	44	64		
6			13			13		12		1	13	26		
5											1	1		
4			3			3		7			7	10		
2					149	149				10		10		
TOTAL			97		161	258		96		162	258			
FREEPORT HARBOR, TEX.				INBOUND				OUTBOUND						
34		112			56	162		21				21		
35		14			9	23	2	5				7		
34		14				28		11				11		
33		12				24		17				17		
32	1	21				22	2	9				11		
31		5			1	6	2	8				10		
30	2	15				17	2	16				18		
29	5	16				21	3	9				12		
28	1	10				11	6	31				37		
27	1	11				12	1	16				17		
26	3	13				16	2	42				44		
25	30	18				48	4	25				29		
24	21	17				38	7	51				58		
23	4	15				19	2	41				43		
22	2	19				21	12	19				31		
21	1	16				17	41	10				51		
20	2	6				8	1	16				17		
19	2	12				14		17				17		
18 AND LESS	53	40	839	100	1,706	2,618	48	21	872	107	1,030	2,070		
TOTAL	132	304	839	100	1,846	3,301	135	305	872	107	1,030	3,329		
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.				UPBOUND				DOWNBOUND						
9			26		57	83		18		121		139		
8			13		42	55		7		20		35		
7			65		19	84		63		45		108		
6			122		31	153		89		6		95		
5			10		26	36		10		2		12		
4			5		19	24		1		1		2		
3					2	2						2		
2					201	201				116		116		
1										26		26		
TOTAL			241		383	624		188		345		533		
MATAGORDA SHIP CHANNEL, TEX.				INBOUND				OUTBOUND						
36	1					1						1		
35	40					40						40		
34	31					31						31		
33	1					1						1		
32	1					1						1		
31		1				1						1		
30							4					4		
29								1				1		
28									1			1		
27							3					3		
26	1					1	7					7		
25	2					2	42					42		
24	4					4	14					14		
23	2					2	19					19		
22	2					2	7					7		
21	1					1	6					6		
20	1					1	1					1		
19	3					3						3		
18	2					2	1					2		
17	3					3	2					3		
16	4					4						4		
15	5					5	2					5		
14	2					2						2		
13	2					2						2		
12 AND LESS	3		156	223	321	703			152	231	319	702		
TOTAL	108	1	157	223	321	810	108	1	152	231	319	811		
CHANNEL TO VICTORIA, TEX.				INBOUND				OUTBOUND						
9			25		11	36		14		358	364	736		
8			68		69	137		72		69		141		
7			106		16	122		173		9		181		
6			142		2	144		136		9		200		
5			2		8	10		2		68	6	76		
4			15		6	21		17			4	21		
3					9	9					5	9		
2					479	479				5	554	1,033		
1					131	131				1	1	1		
TOTAL			438		624	1,020		414		637	1,021	2,092		
CORPUS CHRISTI SHIP CHANNEL, TEX.				INBOUND				OUTBOUND						
46	4					4	1					2		
45	5	4				9	1	2				3		

Waterborne Commerce of the United States, 1986

TRIPS AND DRAFTS OF VESSELS

Table with columns for Harbor or Waterway, Draft (feet), Direction, and Vessel Type. It details trips for Corpus Christi Ship Channel, Texas; Harbor Island, Texas; and Corpus Christi, Texas, including counts for passenger and cargo vessels, tankers, and towboats, along with total draft measurements.

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	
TRIBUTARY ARROYO COLORADO, TEX.														
12				UPBOUND	3	3						DOWNBOUND		
11					5	17			37				39	
10					4	36						14	14	
9					29	121			35			7	42	
8					9	92			9			1	10	
7					6	22			6			1	7	
6					69	79			79			1	71	
5					3	10								
4						7								
3						1						1	1	
2												69	209	
1						68						1	1	
AND LESS													2	
TOTAL					157	92	207	456		189		93	202	458
BRAZOS ISLAND HARBOR, TEX.														
33				INBOUND		2						OUTBOUND		
32					1	4							2	
31					1	1			2				3	
30					3	5			1				3	
29					2	2			6				6	
28					4	4			5				6	
27					4	4			3				6	
26					5	6			1				6	
25					2	4			1				11	
24					4	6			4				6	
23					7	7			3				12	
22					5	7			5				6	
21					1	6			4				4	
20					5	7			1				7	
19					7	8			12			1	14	
18 AND LESS					3	4			3			1	7	
TOTAL	165	1	310	145	365	986	161	5	283	145	376	970	1,061	
PORT ISABEL, TEX.														
TOTAL, 18 AND LESS				INBOUND	76	64	72	234	12	79		OUTBOUND	76	207
BROWNSVILLE, TEX.														
33				INBOUND		2						OUTBOUND		
32					1	4							2	
31					1	1			2				3	
30					3	3			1				3	
29					2	2			2				6	
28					6	4			5				6	
27					4	6			1				6	
26					5	6			3				6	
25					1	10			1				11	
24					4	6			6				6	
23					7	9			3				12	
22					5	7			5				6	
21					5	7			1				4	
20					5	6			6				7	
19					7	7			1				14	
18 AND LESS					3	4			3			1	7	
TOTAL	165	1	232	61	287	746	149	5	295	63	308	730	821	
ANAHUAC CHANNEL, TEX.														
TOTAL, 8 AND LESS				NORTHBOUND	74	35	3	112		84		SOUTHBOUND	3	122
CHANNEL TO ARANBAS PASS, TEX.														
TOTAL, 9 AND LESS	6			INBOUND		6		6		1		OUTBOUND		7
CHANNEL TO PALACIOS, TEX.														
				NO VESSEL TRIPS REPORTED										
CHANNEL TO PORT BOLIVAR, TEX.														
TOTAL, 10 AND LESS	21,788			INBOUND				21,788	21,788			OUTBOUND		21,788
CLEAR CREEK, TEX.														
TOTAL, 7 AND LESS				UPBOUND	4			4		2		DOWNBOUND		2
DOUBLE BAYOU, TEX.														
TOTAL, 7 AND LESS	184		1,631	UPBOUND		294		2,109	184	1,641		DOWNBOUND		2,119
PORT MANSFIELD, TEX.														
TOTAL, 10 AND LESS	110		15	INBOUND		10		135	111	15		OUTBOUND		136
ROCKPORT, TEX.														
TOTAL, 10 AND LESS	1		10	INBOUND		12		23	4	6		OUTBOUND		28

MISSISSIPPI RIVER

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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	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT) FOREIGN AND COASTWISE				UPBOUND					DOWNBOUND			
40	78	300				378	785	72			857	
39	67	191				258	191	50			291	
38	54	69				123	60	30			150	
37	28	61	25			114	153	62	27	1	243	
36	39	29		23		91	109	45		13	167	
35	41	25		21		87	100	66		9	175	
34	65	50		39		174	79	129		1	212	
33	70	59		20		149	107	86		27	301	
32	83	39	43	1		166	81	52	44	6	306	
31	85	47		16		150	163	86		14	263	
30	106	75		37	1	239	107	110		11	230	
29	129	53		3	3	188	149	112	2	22	333	
28	140	50		3		190	101	72		4	290	
27	223	65	3	2		296	194	179	2	32	497	
26	213	57	1	9	19	290	170	80	9	78	340	
25	270	51	4	11	2	338	189	100	6	48	340	
24	308	74	39	12		433	193	64	31	12	301	
23	352	66		4	2	424	186	67		27	260	
22	399	65	15	10	1	490	188	43	14	24	269	
21	309	60	28	8	1	406	182	49	29	12	263	
20	278	46	54	8	4	390	119	54	53	9	240	
19	221	69	6	4	4	304	142	28	9	7	193	
18 AND LESS	708	243	789	366	399	2,505	434	112	790	348	1,942	
TOTAL	4,246	1,754	1,007	637	438	8,082	4,226	1,745	1,017	679	8,082	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT) INTERNAL				UPBOUND					DOWNBOUND			
40						1		1			1	
37		1				2		2			2	
36		2				4		4			4	
35		4				2		3			4	
34		2				2		3			4	
33		12				4		2			6	
32		4			2	4		3			6	
31		2				2		3			4	
30		12				4		2			6	
29		4			2	4		3			6	
28		2				2		3			3	
27		1				1		2		2	3	
26		3				3		2		1	3	
25		2				2		2			2	
24						1		1			1	
23		1		1		2		1			1	
22			2			2		7			4	
21		1			1	2		4			4	
20		5		2		22		6			9	
19 AND LESS	14,066	4	40,362	99,377	32,930	186,739	14,937	3	30,214	100,815	32,765	
TOTAL	14,201	44	40,369	99,380	32,935	187,009	15,152	32	30,236	100,818	32,771	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				UPBOUND					DOWNBOUND			
9			2,402	9,805	3,202	15,409	4		2,515	20,549	2,223	
8			2,301	3,645	478	6,424	35		2,263	3,846	278	
7	1,246		1,899	565	40	3,750	1,246		1,614	453	35	
6			1,917	102	78	2,097	1		954	175	34	
5			883	87	8	1,047	883		798	23	8	
4			349	9	25	396	349		10	12	90	
3			1,855	208	134	2,227	1,855		90	13	141	
2			4	15,310	1,581	16,899	2		6,649	2,645	9,494	
1				1,071	295	1,326			222	191	413	
AND LESS			54			54			48		48	
TOTAL	4,346		9,681	30,726	5,685	50,498	4,375		9,294	32,146	8,643	
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				UPBOUND					DOWNBOUND			
9			3,106	10,558	3,101	16,865	4		3,450	32,063	1,907	
8			1,744	1,489	498	3,924	31		1,610	3,640	375	
7			1,733	512	48	2,293	2		1,950	1,020	31	
6			942	121	102	1,635	456		933	512	33	
5			473	43	13	536	9		474	31	11	
4			456	239	9	704			332	50	80	
3			321	211	673	29	1,234		211	221	188	
2			42	27,656	1,417	29,121	1		2	1,962	2,407	
1			159	1,775	133	2,067			187	157	151	
AND LESS			94			94			92		92	
TOTAL	832		9,040	33,236	5,347	50,485	837		9,419	32,978	8,220	

Waterborne Commerce of the United States, 1986

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DRAFT (FEET)	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		
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA., (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSER)					UPBOUND						DOWNBOUND				
	9			5,637	11,913	8,700	26,250	4	4,612	57,667	2,208	64,491			
	8	135		2,448	1,784	1,103	5,470	176	2,550	6,529	302	9,557			
	7	13		1,464	1,773	211	3,461	14	1,476	1,547	52	3,089			
	6 AND LESS	8		1,130	50,309	1,577	53,024	3	785	2,036	8,244	11,068			
	TOTAL	156		10,679	65,779	11,591	88,205	197	9,423	67,779	10,806	88,205			
MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA., (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSER)					UPBOUND						DOWNBOUND				
	40	57	247				304	597	64			661			
	39	46	65				111	109	45			154			
	38	22	50				72	43	27			70			
	37	37	42	25			90	129	53	27		129			
	36	25	20		23		66	65	37		13	133			
	35	21	23		21		65	75	57		9	141			
	34	37	30		59		126	58	60		2	120			
	33	37	38		19		94	137	60		1	296			
	32	30	25	42	1		98	47	41	63	2	133			
	31	51	30		12		73	97	62		2	159			
	30	35	59		56	1	151	59	78		1	140			
	29	49	33			4	86	85	72	2	3	210			
	28	50	35				85	32	51		1	86			
	27	61	40	3	1	2	107	60	146	2	34	202			
	26	66	42			19	127	59	61	1	8	132			
	25	111	30			2	143	47	77	1	4	166			
	24	81	40		1		122	62	44		7	113			
23	190	39		2	2	143	58	83		6	107				
22	95	49	16		1	152	67	33	15	20	136				
21	62	42	27	1	2	154	64	28	29	8	129				
20	74	35	52	5	4	170	47	44	53	7	157				
19	62	28	2		6	96	57	21	1	4	87				
18 AND LESS	1,075	172	12,027	62,005	21,237	97,396	999	62	13,642	60,003	20,714	96,340			
TOTAL	2,260	1,293	12,994	62,286	21,280	100,031	3,071	1,294	13,816	61,006	20,804	100,031			
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSER					UPBOUND						DOWNBOUND				
	40	78	200				347	834	47			881			
	39	67	103				170	151	54			285			
	38	34	66				100	64	26			90			
	37	28	43	25			116	153	53	27		233			
	36	39	29		23		91	109	53		2	164			
	35	41	25		20		86	100	72		14	186			
	34	65	40		43		158	79	120		1	216			
	33	70	58		32		160	107	88		27	304			
	32	83	38	43	3		167	81	56	47	4	193			
	31	85	45		10		148	103	89		14	266			
	30	106	72		57	1	256	107	107		11	226			
	29	129	55		3	5	192	149	117	2	22	342			
	28	140	51				191	101	78	1	3	298			
	27	223	63	3	3	1	293	194	179	6	22	400			
	26	213	44	1	14	20	308	179	84	9	92	350			
	25	278	53	4	11	2	340	189	101	6	48	381			
	24	308	76	39	12	2	435	193	68	31	11	304			
	23	352	66		5	2	423	186	69		28	283			
	22	350	67	17	10	1	445	188	48	20	24	290			
21	309	61	29	8	2	409	182	40	33	12	267				
20	493	48	59	9	6	615	338	55	59	8	464				
19	221	69	6	4	4	304	142	28	9	7	193				
18 AND LESS	8,776	246	13,695	28,593	14,720	66,030	9,344	113	14,046	26,000	15,035	65,346			
TOTAL	12,480	1,755	13,921	28,866	14,764	71,786	13,400	1,753	14,294	27,144	15,195	71,786			
PASSER OF THE MISSISSIPPI RIVER					UPBOUND						DOWNBOUND				
	40	78	200				346	834	45			879			
	39	67	103				170	151	54			285			
	38	34	66				99	64	25			89			
	37	28	43	25			116	152	52	27		231			
	36	30	29		23		90	108	54		2	164			
	35	41	26		20		87	100	68		14	162			
	34	65	51		45	1	162	74	119		7	205			
	33	68	36		32		156	105	93		2	305			
	32	83	38	43	3		167	81	56	44	9	192			
	31	84	45		18		147	162	88		14	264			
	30	106	74		57	1	238	107	106		10	280			
	29	128	54		3	4	189	148	117	2	23	340			
	28	139	50				189	100	75	1	3	290			
	27	220	64	3	3	1	291	194	177	2	20	394			
	26	213	63	1	10	20	307	169	85	2	73	332			
	25	260	53	4	11	3	339	189	101	11	65	402			
	24	306	76	39	12	2	433	192	67	33	12	305			
	23	381	68		4	2	425	186	67		28	281			
	22	358	67	15	10	1	443	187	49	14	24	270			
21	308	60	28	8	1	405	190	40	29	12	261				
20	347	66	59	8	5	445	224	56	55	8	349				
19	220	68	6	5	4	303	141	28	9	6	191				

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			
PASSES OF THE MISSISSIPPI RIVER--(CON 18 AND LESS--	INUED) 3,022	247	1,470	729	807	6,266	2,759	108	1,478	DOWNBOUND 798	696	9,787		
TOTAL--	6,564	1,754	1,693	992	850	11,853	6,692	1,730	1,707	1,040	808	12,017		
MADISON PARISH PORT, LA.				INBOUND						OUTBOUND				
12			1			1								
9			26	89		115			35	20		96		
8			2	5	8	15			3			3		
7			6			6			4	4		7		
6									4			4		
5			2			2								
2				14		14				47	8	98		
1										4		4		
TOTAL--			37	108	8	153			45	75	8	188		
ROBEDALE HARBOR, MISS.				INBOUND						OUTBOUND				
11										3		3		
9			179	42	1	222			108	72		260		
8			135	1	3	139			114	8		122		
7			72			72			76	4		80		
6			72	86		158			79	88		167		
4									2			2		
3			175			175			175			178		
2				172		172				124	3	187		
1				2		2				2		2		
TOTAL--			633	303	4	940			636	301	3	958		

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