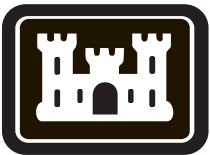

WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2003

Part 4—
Waterways and Harbors
Pacific Coast, Alaska and Hawaii



Department of the Army
Corps of Engineers

Institute for Water Resources

IWR-WCUS-03-4

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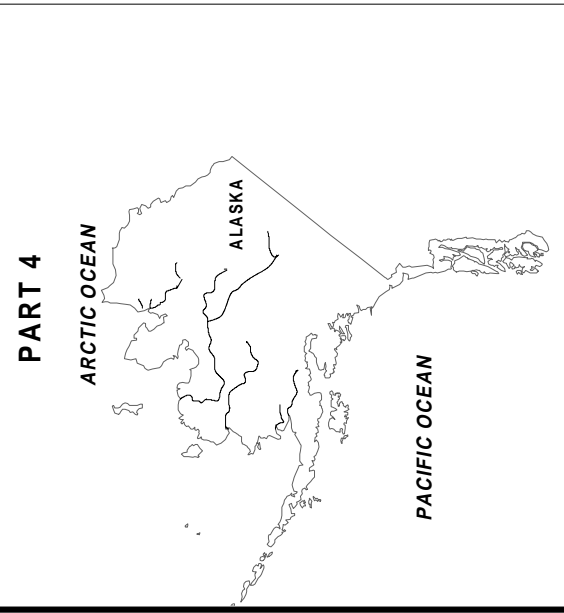
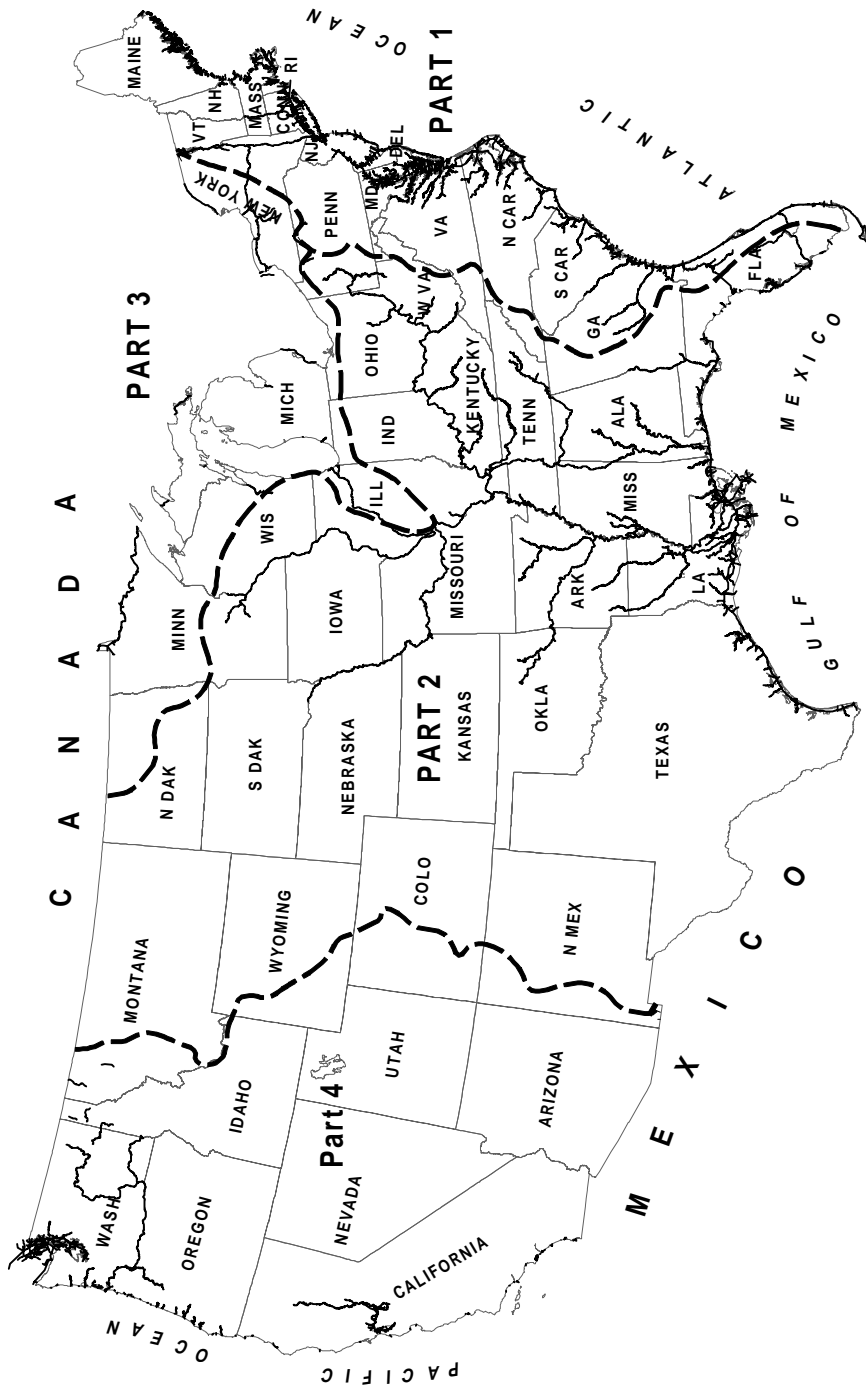


Compiled under the supervision of
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Alexandria, Virginia

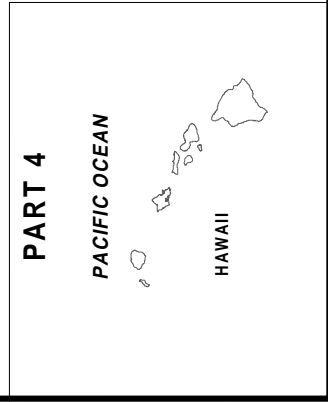
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Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
(Heavy broken lines indicate the limits embraced by
each part of the five part series)



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



PART 5

CONTENTS

	Page
Introduction.	ii
Terminology	v
Commodity Classification List	viii
Freight Traffic	
Los Angeles, CA	3
Sacramento, CA.	14
San Francisco, CA	21
Honolulu, HI	43
Walla Walla, WA	53
Portland, OR.	55
Seattle, WA	86
Alaska	101
Trips and Drafts	
Los Angeles, CA	133
Sacramento, CA.. . . .	137
San Francisco, CA.	140
Honolulu, HI	148
Walla Walla, WA	152
Portland, OR	153
Seattle, WA	165
Alaska	173
Index	183

Introduction

General

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

Data on foreign commerce are supplied to the Corps of Engineers by the U.S. Bureau of the Census, U.S. Customs, and purchased from the Journal of Commerce, Port Import Export Reporting Service.

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

WCUS, Part 1 Atlantic Coast

WCUS, Part 2 Gulf Coast, Mississippi River System and Antilles

WCUS, Part 3 Great Lakes

WCUS, Part 4 Pacific Coast, Alaska and Hawaii

WCUS, Part 5 National Summaries

Legal Authority

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

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers,

freight and tonnage as may be required by the Secretary of the Army: Provided. That this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

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

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

Domestic Commerce

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

The waterborne traffic movements are reported to the Corps of Engineers by all vessel

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

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

Foreign Commerce

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

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

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

Import and export shipments for use of the United States Armed Forces abroad are not

reported to the Waterborne Commerce Statistics Center (WCSC). Beginning with calendar year 1989 shipments under the military assistance program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

Commodity Descriptions

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

Tonnage

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

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

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

Ton-Miles

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. Ton-miles are rounded to the nearest 1,000 ton-miles. The ton-mile data appears in the publication by traffic

type at the end of a particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

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

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

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

Special Interest

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

Passenger totals are not included in this publication but are available on request. Passenger data not relevant to transportation such as excursions, sight-seeing, and floating casinos are no longer collected as of calendar year 2001.

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

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

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

Terminology

Types of Traffic

Foreign

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

Imports

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

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

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

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

Exports

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

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

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

Domestic

Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed **Coastwise**.

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

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

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

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

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

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

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

Traffic Direction

Waterways

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

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

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

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

Ports

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

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

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

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

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

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

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

Ton-miles are rounded to the nearest thousand.

Trip Ton-miles: Trip ton-miles is a measure of a single waterway's contribution to the whole waterway system. Trip ton-miles are computed by identifying every commercial cargo-carrying vessel that has plied a particular inland waterway and summing the products of the tons times the total trip-miles for each vessel trip. "Trip-miles" is the total distance from origin (loading) to destination (unloading). For example, a barge carrying 1,200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1,000 miles. This trip would contribute 1,200,000 trip ton-miles to the Illinois River. Small rivers often contribute to the traffic on larger rivers. Published trip ton-miles do not include coastal and Great Lakes vessel movements.

Trans-shipments: Ports and offshore anchorages where cargo is moved from one vessel to another. These are: St. Lucia, Virgin Islands; Heald Bank off the Louisiana and Texas coasts; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

Commodity Classification List

<u>Major Grouping</u>			<u>Major Grouping</u>		
<u>Minor Grouping</u>	<u>Pub Group</u>	<u>Pub Name</u>	<u>Minor Grouping</u>	<u>Pub Group</u>	<u>Pub Name</u>
00	Units				
	0200	Vehicles		3283	Coloring Mat. NEC
	0300	Passengers		3284	Medicines
10	Coal			3285	Perfumes & Cleansers
	1100	Coal		3286	Plastics
	1200	Coal Coke		3291	Pesticides
20	Petroleum & Petroleum Products			3292	Starches,Gluten,Glue
21	Crude Petroleum			3293	Explosives
	2100	Crude Petroleum		3297	Chemical Additives
22-29	Petroleum Products			3298	Wood & Resin Chem.
	2211	Gasoline		3299	Chem. Products NEC
	2221	Kerosene	40	Crude Materials, Inedible Except Fuels	
	2330	Distillate Fuel Oil	41	Forest Products, Wood and Chips	
	2340	Residual Fuel Oil		4110	Rubber & Gums
	2350	Lube Oil & Greases		4150	Fuel Wood
	2410	Petro. Jelly & Waxes		4161	Wood Chips
	2429	Naphtha & Solvents		4170	Wood in the Rough
	2430	Asphalt, Tar & Pitch		4189	Lumber
	2540	Petroleum Coke		4190	Forest Products NEC
	2640	Liquid Natural Gas	42	Pulp and Waste Paper	
	2990	Petro. Products NEC		4225	Pulp & Waste Paper
30	Chemicals and Related Products		43	Soil, Sand, Gravel, Rock and Stone	
31	Fertilizers			4310	Building Stone
	3110	Nitrogenous Fert.		4322	Limestone
	3120	Phosphatic Fert.		4323	Gypsum
	3130	Potassic Fert.		4327	Phosphate Rock
	3190	Fert. & Mixes NEC		4331	Sand & Gravel
32	Other Chemicals and Related Products			4333	Dredged Material
	3211	Acyclic Hydrocarbons		4335	Waterway Improv. Mat
	3212	Benzene & Toluene		4338	Soil & Fill Dirt
	3219	Other Hydrocarbons	44	Iron Ore and Scrap	
	3220	Alcohols		4410	Iron Ore
	3230	Carboxylic Acids		4420	Iron & Steel Scrap
	3240	Nitrogen Func. Comp.	45	Marine Shells	
	3250	Organo-Inorganic Comp.		4515	Marine Shells
	3260	Organic Comp. NEC	46	Non-Ferrous Ores and Scrap	
	3271	Sulphur (Liquid)		4630	Copper Ore
	3272	Sulphuric Acid		4650	Aluminum Ore
	3273	Ammonia		4670	Manganese Ore
	3274	Sodium Hydroxide		4680	Non-Ferrous Scrap
	3275	Inorg. Elem.,Oxides, & Halogen Salts		4690	Non-Ferrous Ores NEC
	3276	Metallic Salts	47	Sulphur, Clay and Salt	
	3279	Inorganic Chem. NEC		4741	Sulphur, (Dry)
	3281	Radioactive Material		4782	Clay & Refrac. Mat.
	3282	Pigments & Paints		4783	Salt
			48	Slag	
				4860	Slag
			49	Other Non-Metal. Min.	
				4900	Non-Metal. Min. NEC
			50	Primary Manufactured Goods	

Commodity Classification List (continued)

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

Section 1 Freight Traffic

SAN DIEGO HARBOR, CA

Section Included: Entire harbor. Controlling and Project Depths: 42 feet in entrance channel; 30 to 42 feet in Bay Channel, and turning basin 26 to 35 feet in anchorage areas; 10 to 16 feet in other channels and areas.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,167	1997	1,724	2000	3,653	2003	2,804
1995	1,351	1998	1,873	2001	3,121		
1996	1,842	1999	2,659	2002	2,480		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound	Inbound	Total	Coastwise		Internal	
					Receipts	Shipments	Receipts	Intraport	
Total, all commodities	2,804	2,161	173	33	437	340	3	27	67
Total petroleum and petroleum products	226	0	1	---	225	169	2	---	54
Subtotal crude petroleum	0	0	---	---	---	---	---	---	---
2100 crude petroleum	0	0	---	---	---	---	---	---	---
Subtotal petroleum products	226	---	1	---	225	169	2	---	54
2330 distillate fuel oil	139	---	---	---	139	126	1	---	12
2340 residual fuel oil	86	---	1	---	86	42	1	---	43
Total chemicals and related products	187	86	101	---	---	---	---	---	---
Subtotal fertilizers	84	84	---	---	---	---	---	---	---
3110 nitrogenous fert.	45	45	---	---	---	---	---	---	---
3190 fert. & mixes nec	39	39	---	---	---	---	---	---	---
Subtotal other chemicals and related products	102	2	101	---	---	---	---	---	---
3211 acyclic hydrocarbons	0	---	0	---	---	---	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---	---	---
3274 sodium hydroxide	0	---	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	0	---	---	---	---	---	---
3276 metallic salts	100	---	100	---	---	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---	---	---	---
3284 medicines	0	0	---	---	---	---	---	---	---
3285 perfumes & cleansers	0	---	0	---	---	---	---	---	---
3286 plastics	0	0	0	---	---	---	---	---	---
3291 pesticides	0	---	0	---	---	---	---	---	---
3299 chem. products nec	2	2	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,017	805	1	0	211	171	0	27	13
Subtotal forest products, wood and chips	230	19	---	---	211	171	0	27	13
4189 lumber	172	0	---	---	172	171	0	---	---
4190 forest products nec	58	19	---	---	39	---	---	27	13
Subtotal pulp and waste paper	1	---	1	0	---	---	---	---	---
4225 pulp & waste paper	1	---	1	0	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	777	777	---	---	---	---	---	---	---
4310 building stone	0	0	---	---	---	---	---	---	---
4331 sand & gravel	777	777	---	---	---	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---	---	---	---
Subtotal other non-metal. min.	8	8	---	---	---	---	---	---	---
4900 non-metal. min. nec	8	8	---	---	---	---	---	---	---
Total primary manufactured goods	482	441	8	33	0	---	0	---	---
Subtotal paper products	41	0	8	33	---	---	---	---	---
5110 newsprint	33	---	---	33	---	---	---	---	---
5120 paper & paperboard	8	0	8	---	---	---	---	---	---
Subtotal lime, cement and glass	434	434	---	---	0	---	0	---	---
5220 cement & concrete	433	433	---	---	---	---	---	---	---
5290 misc. mineral prod.	1	1	---	---	0	---	0	---	---
Subtotal primary non-ferrous metal products	7	7	0	---	---	---	---	---	---
5422 aluminum	0	0	0	---	---	---	---	---	---
5429 smelted prod. nec	0	0	---	---	---	---	---	---	---
5480 fab. metal products	7	7	0	---	---	---	---	---	---
Total food and farm products	515	504	12	---	---	---	---	---	---
Subtotal fish	19	19	1	---	---	---	---	---	---
6134 fish (not shellfish)	16	16	1	---	---	---	---	---	---
6136 shellfish	3	3	---	---	---	---	---	---	---
Subtotal vegetable products	11	10	1	---	---	---	---	---	---
6653 vegetable oils	1	---	1	---	---	---	---	---	---

SAN DIEGO HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Intraport
6654 vegetables & prod.	10	10	0	---	---	---	---	---	---
Subtotal processed grain and animal feed	0	---	0	---	---	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---	---	---	---
Subtotal other agricultural products	485	475	10	---	---	---	---	---	---
6835 fish, prepared	14	12	2	---	---	---	---	---	---
6839 animals & prod. nec	0	0	0	---	---	---	---	---	---
6856 bananas & plantains	380	379	1	---	---	---	---	---	---
6857 fruit & nuts nec	66	63	3	---	---	---	---	---	---
6858 fruit juices	19	19	---	---	---	---	---	---	---
6885 alcoholic beverages	1	---	1	---	---	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---	---	---
6893 cotton	3	---	3	---	---	---	---	---	---
6899 farm products nec	1	1	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	322	305	16	---	1	---	1	---	---
7110 machinery (not elec)	3	3	0	---	0	---	0	---	---
7120 electrical machinery	2	2	0	---	---	---	---	---	---
7210 vehicles & parts	213	213	0	---	---	---	---	---	---
7220 aircraft & parts	0	0	---	---	---	---	---	---	---
7230 ships & boats	1	1	---	---	---	---	---	---	---
7400 manufac. wood prod.	0	0	---	---	0	---	0	---	---
7500 textile products	0	0	---	---	---	---	---	---	---
7600 rubber & plastic pr.	86	86	0	---	---	---	---	---	---
7900 manufac. prod. nec	16	0	16	---	---	---	---	---	---
Total unknown or not elsewhere classified	55	21	34	---	---	---	---	---	---
9900 unknown or nec	55	21	34	---	---	---	---	---	---

*Includes 221,345 tons of foreign inbound in-transits.

LONG BEACH HARBOR, CA

Section Included: Entire harbor within the city limits of Long Beach. Controlling Depth: 62 feet in Long Beach Entrance Channel; 50 feet to 55 feet in turning basins; 35 feet in Cerritos Channel. Project Depth: 35 feet in Long Beach channel and other channels and basins.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	56,522	1997	57,255	2000	69,850	2003	69,195
1995	53,227	1998	57,745	2001	67,644		
1996	58,395	1999	60,883	2002	67,872		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	52,371	36,444	14,389	1,526	12
Total coal	25	2	24	---	---
1100 coal lignite	4	2	3	---	---
1200 coal coke	21	---	21	---	---
Total petroleum and petroleum products	16,721	11,975	3,859	881	6
Subtotal crude petroleum	11,564	10,962	---	603	---
2100 crude petroleum	11,564	10,962	---	603	---
Subtotal petroleum products	5,157	1,014	3,859	279	6
2211 gasoline	396	256	33	101	6
2221 kerosene	31	30	0	---	---
2330 distillate fuel oil	389	124	174	91	---
2340 residual fuel oil	637	493	144	---	---
2350 lube oil & greases	55	4	51	---	---
2410 petro. jelly & waxes	5	2	2	---	---
2429 naphtha & solvents	630	102	441	87	---
2430 asphalt, tar & pitch	1	0	1	---	---
2540 petroleum coke	2,951	0	2,951	---	0
2640 liquid natural gas	62	1	61	---	---
Total chemicals and related products	4,362	1,615	2,451	296	0
Subtotal fertilizers	29	18	11	---	---
3110 nitrogenous fert.	1	1	0	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	8	3	4	---	---
3190 fert. & mixes nec	20	13	7	---	---
Subtotal other chemicals and related products	4,332	1,597	2,439	296	0
3211 acyclic hydrocarbons	197	1	7	188	---
3212 benzene & toluene	7	6	0	---	---
3219 other hydrocarbons	34	12	22	0	---
3220 alcohols	137	30	67	40	---
3230 carboxylic acids	75	41	34	0	0
3240 nitrogen func. comp.	190	29	160	0	---

LONG BEACH HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
3250 organo - inorg. comp.	53	24	29	0	—
3260 organic comp. nec	581	501	69	10	—
3272 sulphuric acid	6	5	1	—	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	80	53	1	25	—
3275 inorg. elem., oxides, & halogen salts	216	73	142	1	—
3276 metallic salts	694	47	646	0	0
3279 inorganic chem. nec	27	11	16	—	—
3281 radioactive material	5	4	1	—	—
3282 pigments & paints	66	46	21	0	—
3283 coloring mat. nec	16	10	6	—	—
3284 medicines	51	24	27	0	0
3285 perfumes & cleansers	115	53	62	0	0
3286 plastics	1,363	487	876	0	0
3291 pesticides	26	15	11	—	—
3292 starches, gluten, glue	47	22	24	0	—
3293 explosives	50	50	0	—	—
3297 chemical additives	102	3	69	30	—
3298 wood & resin chem.	2	2	0	—	—
3299 chem. products nec	194	47	146	1	0
Total crude materials, inedible except fuels	4,845	1,198	3,544	102	1
Subtotal forest products, wood and chips	248	149	67	32	0
4110 rubber & gums	24	17	6	—	—
4150 fuel wood	11	11	0	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	26	6	20	—	0
4189 lumber	149	98	19	32	0
4190 forest products nec	38	16	22	0	—
Subtotal pulp and waste paper	1,760	5	1,755	—	—
4225 pulp & waste paper	1,760	5	1,755	—	—
Subtotal soil, sand, gravel, rock and stone	948	866	13	70	—
4310 building stone	113	109	1	3	—
4322 limestone	6	5	1	0	—
4323 gypsum	481	448	4	29	—
4327 phosphate rock	0	0	—	—	—
4331 sand & gravel	348	304	6	38	—
Subtotal iron ore and scrap	685	0	684	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	684	0	684	—	—
Subtotal marine shells	1	0	1	—	—
4515 marine shells	1	0	1	—	—
Subtotal non-ferrous ores and scrap	112	19	93	—	—
4630 copper ore	1	—	1	—	—
4650 aluminum ore	17	9	8	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	83	7	76	—	—
4690 non-ferrous ores nec	11	4	7	—	—
Subtotal sulphur, clay and salt	903	27	876	—	—
4741 sulphur, (dry)	855	1	854	—	—
4782 clay & refrac. mat.	48	25	23	—	—
Subtotal slag	0	—	0	—	—
4860 slag	0	—	0	—	—
Subtotal other non-metal. min.	188	132	55	0	1
4900 non-metal. min. nec	188	132	55	0	1
Total primary manufactured goods	6,837	5,884	730	222	0
Subtotal paper products	793	434	145	214	—
5110 newsprint	211	30	2	179	—
5120 paper & paperboard	340	193	112	35	—
5190 paper products nec	242	211	31	0	—
Subtotal lime, cement and glass	2,725	2,664	57	4	0
5210 lime	0	0	0	—	—
5220 cement & concrete	1,523	1,522	1	—	—
5240 glass & glass prod.	245	224	21	0	0
5290 misc. mineral prod.	958	918	36	4	0
Subtotal primary iron and steel products	899	826	71	3	—
5312 pig iron	19	18	1	—	—
5315 ferro alloys	6	6	0	—	—
5320 i&s primary forms	162	120	42	0	—
5330 i&s plates & sheets	210	200	7	2	—
5360 i&s bars & shapes	186	184	2	0	—
5370 i&s pipe & tube	257	244	13	0	—
5390 primary i&s nec	59	54	5	0	—
Subtotal primary non-ferrous metal products	2,285	1,834	450	1	0
5421 copper	51	24	27	0	—
5422 aluminum	120	99	20	1	—
5429 smelted prod. nec	345	22	323	—	—
5480 fab. metal products	1,770	1,689	80	1	0
Subtotal primary wood products	134	127	7	0	0
5540 primary wood prod.	134	127	7	0	0
Total food and farm products	4,527	1,844	2,672	7	4
Subtotal fish	310	278	31	1	0
6134 fish (not shellfish)	113	100	13	0	—
6136 shellfish	197	179	18	0	0

LONG BEACH HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal grain	63	51	12	---	---
6241 wheat	3	0	3	---	---
6344 corn	6	1	5	---	---
6442 rice	52	50	2	---	---
6443 barley & rye	1	0	1	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	---	0	---	---
Subtotal oilseeds	63	9	54	0	---
6521 peanuts	4	0	3	---	---
6522 soybeans	39	5	34	---	---
6534 flaxseed	0	0	---	---	---
6590 oilseeds nec	19	3	16	0	---
Subtotal vegetable products	414	293	119	1	1
6653 vegetable oils	105	97	8	0	0
6654 vegetables & prod.	309	195	111	1	0
Subtotal processed grain and animal feed	655	46	609	0	---
6746 wheat flour	5	2	2	---	---
6747 grain mill products	48	32	15	0	---
6781 hay & fodder	409	3	406	---	---
6782 animal feed, prep.	194	8	185	---	---
Subtotal other agricultural products	3,023	1,167	1,847	5	4
6811 meat, fresh, frozen	384	33	350	0	---
6817 meat, prepared	20	13	8	---	0
6822 dairy products	40	13	26	0	---
6835 fish, prepared	58	57	1	0	---
6838 tallow, animal oils	36	1	35	---	---
6839 animals & prod. nec	245	16	229	---	---
6856 bananas & plantains	230	230	0	---	0
6857 fruit & nuts nec	539	110	429	1	0
6858 fruit juices	182	144	36	1	---
6861 sugar	2	1	0	0	---
6865 molasses	37	37	0	0	---
6871 coffee	44	42	2	0	---
6872 cocoa beans	3	2	1	---	---
6885 alcoholic beverages	188	152	34	1	1
6888 water & ice	62	61	1	0	0
6889 food products nec	405	237	167	1	0
6891 tobacco & products	34	4	30	---	---
6893 cotton	488	2	484	---	3
6894 natural fibers nec	6	4	1	0	---
6899 farm products nec	22	9	12	0	---
Total all manufactured equipment, machinery and products	14,162	13,230	915	17	0
7110 machinery (not elec)	1,169	1,007	161	1	0
7120 electrical machinery	3,014	2,842	170	2	0
7210 vehicles & parts	1,493	1,374	118	0	0
7220 aircraft & parts	6	2	4	0	---
7230 ships & boats	7	5	2	0	0
7300 ordnance & access.	7	6	1	0	---
7400 manufac. wood prod.	230	219	10	0	---
7500 textile products	1,683	1,579	103	1	0
7600 rubber & plastic pr.	1,350	1,187	161	1	0
7900 manufac. prod. nec	5,204	5,009	183	11	0
Total unknown or not elsewhere classified	892	695	196	2	0
9900 unknown or nec	892	695	196	2	0

Commodity	Total	Domestic				
		Coastwise		Internal		Intrпорт
		Receipts	Shipments	Receipts	Shipments	
Total, all commodities	16,824	14,063	1,967	633	130	31
Total petroleum and petroleum products	15,232	13,194	1,256	628	125	29
Subtotal crude petroleum	10,769	10,466	304	---	---	---
2100 crude petroleum	10,769	10,466	304	---	---	---
Subtotal petroleum products	4,463	2,729	952	628	125	29
2211 gasoline	2,082	1,834	212	---	35	0
2330 distillate fuel oil	1,072	571	480	22	---	---
2340 residual fuel oil	907	56	138	603	82	28
2350 lube oil & greases	103	85	7	3	8	---
2429 naphtha & solvents	253	177	75	---	---	---
2540 petroleum coke	38	---	38	---	---	---
2640 liquid natural gas	1	---	1	---	---	---
2990 petro. products nec	8	6	2	---	---	---
Total chemicals and related products	272	242	25	4	---	---
Subtotal fertilizers	0	0	0	---	---	---
3190 fert. & mixes nec	0	0	0	---	---	---
Subtotal other chemicals and related products	271	242	25	4	---	---
3212 benzene & toluene	23	7	16	---	---	---
3220 alcohols	155	151	---	4	---	---
3274 sodium hydroxide	45	45	---	---	---	---
3281 radioactive material	0	0	---	---	---	---
3282 pigments & paints	3	0	3	---	---	---
3284 medicines	1	---	1	---	---	---
3285 perfumes & cleansers	4	---	4	---	---	---
3286 plastics	0	---	0	---	---	---
3291 pesticides	0	---	0	---	---	---
3293 explosives	0	---	0	---	---	---

LONG BEACH HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
3297 chemical additives	38	38	—	—	—	—
3299 chem. products nec	3	1	2	—	—	—
Total crude materials, inedible except fuels	383	374	4	0	4	0
Subtotal forest products, wood and chips	328	326	1	0	—	0
4189 lumber	327	326	1	0	—	0
4190 forest products nec	0	—	0	—	—	—
Subtotal pulp and waste paper	0	0	0	—	—	—
4225 pulp & waste paper	0	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	53	46	3	—	4	—
4331 sand & gravel	53	46	2	—	4	—
4338 soil & fill dirt	0	—	0	—	—	—
Subtotal iron ore and scrap	2	2	—	—	—	—
4420 iron & steel scrap	2	2	—	—	—	—
Subtotal other non-metal. min.	0	—	0	—	—	—
4900 non-metal. min. nec	0	—	0	—	—	—
Total primary manufactured goods	19	0	16	0	—	3
Subtotal paper products	7	0	6	—	—	—
5120 paper & paperboard	0	—	0	—	—	—
5190 paper products nec	6	0	6	—	—	—
Subtotal lime, cement and glass	8	—	5	0	—	3
5220 cement & concrete	1	—	1	—	—	—
5240 glass & glass prod.	0	—	0	—	—	—
5290 misc. mineral prod.	6	—	4	0	—	3
Subtotal primary iron and steel products	0	—	0	—	—	—
5370 i&s pipe & tube	0	—	0	—	—	—
Subtotal primary non-ferrous metal products	4	0	4	—	—	—
5480 fab. metal products	4	0	4	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	312	222	90	—	—	—
Subtotal fish	0	—	0	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—
Subtotal grain	0	0	0	—	—	—
6344 corn	0	0	0	—	—	—
6442 rice	0	—	0	—	—	—
Subtotal vegetable products	8	1	7	—	—	—
6653 vegetable oils	0	—	0	—	—	—
6654 vegetables & prod.	8	1	7	—	—	—
Subtotal processed grain and animal feed	20	17	3	—	—	—
6746 wheat flour	1	—	1	—	—	—
6747 grain mill products	1	—	1	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	18	17	1	—	—	—
Subtotal other agricultural products	284	204	80	—	—	—
6811 meat, fresh, frozen	9	0	9	—	—	—
6822 dairy products	0	0	0	—	—	—
6835 fish, prepared	165	165	—	—	—	—
6839 animals & prod. nec	1	1	0	—	—	—
6856 bananas & plantains	1	—	1	—	—	—
6857 fruit & nuts nec	18	17	1	—	—	—
6858 fruit juices	15	15	0	—	—	—
6861 sugar	2	2	0	—	—	—
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	24	0	24	—	—	—
6887 groceries	0	—	0	—	—	—
6889 food products nec	47	2	44	—	—	—
6891 tobacco & products	0	—	0	—	—	—
6899 farm products nec	2	2	0	—	—	—
Total all manufactured equipment, machinery and products	605	29	574	1	1	0
7110 machinery (not elec)	15	5	10	—	—	—
7120 electrical machinery	4	1	3	—	—	—
7210 vehicles & parts	30	10	20	—	—	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	0	0	0	—	—	—
7400 manufac. wood prod.	28	1	27	0	—	0
7500 textile products	5	3	2	—	—	—
7600 rubber & plastic pr.	1	1	1	—	—	—
7900 manufac. prod. nec	523	9	512	1	1	—
Total waste and scrap nec	0	0	—	—	—	—
8900 waste and scrap nec	0	0	—	—	—	—
Total unknown or not elsewhere classified	1	0	0	—	—	—
9900 unknown or nec	1	0	0	—	—	—

*Includes 795,316 tons of foreign inbound in-transits; Includes 224,226 tons of foreign outbound in-transits;
Includes 2,221 tons of Canadian inbound in-transits; Includes 1,659 tons of Canadian outbound in-transits.

LOS ANGELES HARBOR, CA

Section Included: Entire harbor within the city limits of Los Angeles. Controlling Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel. Project Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	43,140	1997	41,774	2000	48,128	2003	51,327
1995	46,479	1998	44,144	2001	51,396		
1996	45,689	1999	42,267	2002	52,216		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	42,791	29,287	12,827	676	2
Total coal	133	1	132	0	---
1100 coal lignite	97	1	97	0	---
1200 coal coke	36	0	36	---	---
Total petroleum and petroleum products	7,978	5,380	2,506	92	---
Subtotal crude petroleum	2,282	2,271	---	11	---
2100 crude petroleum	2,282	2,271	---	11	---
Subtotal petroleum products	5,696	3,109	2,506	81	---
2211 gasoline	544	466	1	77	---
2221 kerosene	1,094	1,094	0	---	---
2330 distillate fuel oil	347	157	187	3	---
2340 residual fuel oil	1,021	986	35	---	---
2350 lube oil & greases	81	18	63	---	---
2410 petro. jelly & waxes	45	42	2	1	---
2429 naphtha & solvents	443	344	99	---	---
2430 asphalt, tar & pitch	1	0	1	---	---
2540 petroleum coke	2,101	1	2,100	0	---
2640 liquid natural gas	18	0	18	---	---
Total chemicals and related products	3,406	1,126	2,128	152	---
Subtotal fertilizers	11	4	7	---	---
3110 nitrogenous fert.	1	1	0	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	0	0	0	---	---
3190 fert. & mixes nec	9	3	6	---	---
Subtotal other chemicals and related products	3,395	1,122	2,121	152	---
3211 acyclic hydrocarbons	121	37	9	74	---
3212 benzene & toluene	8	6	1	---	---
3219 other hydrocarbons	44	13	31	---	---
3220 alcohols	166	101	55	10	---
3230 carboxylic acids	91	33	40	18	---
3240 nitrogen func. comp.	159	30	129	0	---
3250 organo - inorg. comp.	56	19	37	0	---
3260 organic comp. nec	73	26	34	14	---
3272 sulphuric acid	4	3	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	66	59	3	4	---
3275 inorg. elem., oxides, & halogen salts	216	49	156	11	---
3276 metallic salts	341	32	309	---	---
3279 inorganic chem. nec	16	5	10	---	---
3281 radioactive material	3	2	0	---	---
3282 pigments & paints	55	24	31	0	---
3283 coloring mat. nec	13	8	5	---	---
3284 medicines	63	21	42	0	---
3285 perfumes & cleansers	135	59	76	0	---
3286 plastics	1,213	398	814	0	---
3291 pesticides	61	14	47	---	---
3292 starches, gluten, glue	65	29	36	0	---
3293 explosives	48	48	0	---	---
3297 chemical additives	132	70	52	11	---
3298 wood & resin chem.	2	1	1	---	---
3299 chem. products nec	243	35	200	9	---
Total crude materials, inedible except fuels	4,133	635	3,139	359	0
Subtotal forest products, wood and chips	252	151	97	4	0
4110 rubber & gums	37	18	19	---	---
4150 fuel wood	5	5	0	---	---
4161 wood chips	0	0	0	---	---
4170 wood in the rough	50	8	41	---	---
4189 lumber	127	92	31	4	0
4190 forest products nec	32	27	5	0	---
Subtotal pulp and waste paper	1,586	9	1,577	---	---
4225 pulp & waste paper	1,586	9	1,577	---	---
Subtotal soil, sand, gravel, rock and stone	805	434	16	355	0
4310 building stone	157	156	1	1	---
4322 limestone	39	3	0	36	0
4323 gypsum	4	1	3	---	---
4331 sand & gravel	605	274	12	319	---
Subtotal iron ore and scrap	1,180	2	1,179	---	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	1,180	1	1,179	---	---
Subtotal marine shells	2	1	1	---	---
4515 marine shells	2	1	1	---	---
Subtotal non-ferrous ores and scrap	100	18	82	0	---
4630 copper ore	1	---	1	---	---
4650 aluminum ore	9	4	4	0	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	83	12	71	---	---
4690 non-ferrous ores nec	7	2	6	---	---

LOS ANGELES HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal sulphur, clay and salt	86	12	74	---	---
4741 sulphur, (dry)	55	0	55	---	---
4782 clay & refrac. mat.	31	12	19	---	---
Subtotal slag	0	0	0	---	---
4860 slag	0	0	0	---	---
Subtotal other non-metal. min.	122	9	113	---	0
4900 non-metal. min. nec	122	9	113	---	0
Total primary manufactured goods	6,995	5,938	1,005	52	0
Subtotal paper products	720	457	234	29	---
5110 newsprint	45	19	1	24	---
5120 paper & paperboard	429	235	189	5	---
5190 paper products nec	246	202	43	0	---
Subtotal lime, cement and glass	1,635	1,570	48	17	0
5210 lime	0	0	0	---	---
5220 cement & concrete	731	719	1	10	---
5240 glass & glass prod.	217	195	22	0	0
5290 misc. mineral prod.	687	655	25	6	---
Subtotal primary iron and steel products	2,021	1,969	52	0	0
5312 pig iron	19	18	1	---	---
5315 ferro alloys	2	1	1	---	---
5320 i&s primary forms	1,436	1,407	29	---	---
5330 i&s plates & sheets	204	198	7	0	0
5360 i&s bars & shapes	106	104	2	---	---
5370 i&s pipe & tube	209	200	9	0	---
5390 primary i&s nec	44	41	4	---	---
Subtotal primary non-ferrous metal products	2,486	1,816	664	5	0
5421 copper	113	28	84	0	---
5422 aluminum	83	68	15	0	---
5429 smelted prod. nec	472	18	450	4	---
5480 fab. metal products	1,819	1,703	115	1	0
Subtotal primary wood products	133	126	6	1	---
5540 primary wood prod.	133	126	6	1	---
Total food and farm products	4,789	2,267	2,510	10	2
Subtotal fish	431	397	34	0	0
6134 fish (not shellfish)	137	114	22	0	0
6136 shellfish	294	282	12	0	---
Subtotal grain	143	101	42	0	---
6241 wheat	2	0	2	0	---
6344 corn	5	1	4	---	---
6442 rice	134	100	34	---	---
6443 barley & rye	0	0	0	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	1	---	1	---	---
Subtotal oilseeds	86	13	71	2	---
6521 peanuts	5	0	3	2	---
6522 soybeans	41	4	36	---	---
6534 flaxseed	0	0	---	---	---
6590 oilseeds nec	40	8	32	0	---
Subtotal vegetable products	361	215	143	2	1
6653 vegetable oils	32	11	20	0	0
6654 vegetables & prod.	329	203	123	2	1
Subtotal processed grain and animal feed	716	49	668	0	0
6746 wheat flour	2	1	1	---	---
6747 grain mill products	52	33	20	0	0
6781 hay & fodder	462	3	459	---	---
6782 animal feed, prep.	199	12	187	0	---
Subtotal other agricultural products	3,051	1,493	1,552	6	1
6811 meat, fresh, frozen	418	182	236	0	0
6817 meat, prepared	18	3	15	---	0
6822 dairy products	40	9	30	0	---
6835 fish, prepared	71	70	1	0	---
6838 tallow, animal oils	30	1	29	---	---
6839 animals & prod. nec	169	14	155	---	---
6856 bananas & plantains	13	13	0	---	---
6857 fruit & nuts nec	631	358	273	0	---
6858 fruit juices	319	296	22	1	---
6861 sugar	2	1	1	---	---
6865 molasses	12	12	0	---	---
6871 coffee	85	83	1	0	---
6872 cocoa beans	6	6	0	---	---
6885 alcoholic beverages	205	159	44	1	1
6888 water & ice	58	56	1	0	---
6889 food products nec	366	203	160	3	---
6891 tobacco & products	30	2	27	0	---
6893 cotton	542	3	538	---	---
6894 natural fibers nec	5	4	1	0	---
6899 farm products nec	30	17	14	0	---
Total all manufactured equipment, machinery and products	14,334	13,252	1,072	10	0
7110 machinery (not elec)	1,072	864	208	1	---
7120 electrical machinery	2,800	2,621	178	1	---
7210 vehicles & parts	1,406	1,230	176	0	---
7220 aircraft & parts	6	2	4	0	---
7230 ships & boats	6	3	3	0	---

LOS ANGELES HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
7300 ordnance & access.	6	4	1	1	—
7400 manufac. wood prod.	205	197	7	1	—
7500 textile products	2,149	2,042	106	1	0
7600 rubber & plastic pr.	1,342	1,167	174	1	0
7900 manufac. prod. nec	5,342	5,121	216	5	0
Total unknown or not elsewhere classified	1,023	687	335	1	0
9900 unknown or nec	1,023	687	335	1	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	8,536	5,761	1,508	130	633	503
Total petroleum and petroleum products	5,305	3,502	570	125	628	480
Subtotal petroleum products	5,305	3,502	570	125	628	480
2211 gasoline	2,289	2,195	31	35	—	28
2330 distillate fuel oil	860	514	304	—	—	19
2340 residual fuel oil	1,667	423	128	82	603	432
2350 lube oil & greases	266	245	10	8	3	0
2429 naphtha & solvents	133	112	21	—	—	—
2430 asphalt, tar & pitch	15	13	1	—	—	—
2540 petroleum coke	66	—	66	—	—	—
2640 liquid natural gas	3	0	3	—	—	—
2990 petro. products nec	7	0	6	—	—	—
Total chemicals and related products	490	434	39	—	4	13
Subtotal fertilizers	1	—	1	—	—	—
3190 fert. & mixes nec	1	—	1	—	—	—
Subtotal other chemicals and related products	489	434	38	—	4	13
3212 benzene & toluene	33	25	—	—	—	8
3220 alcohols	332	324	—	—	4	5
3274 sodium hydroxide	40	40	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—
3281 radioactive material	1	1	0	—	—	—
3282 pigments & paints	10	0	10	—	—	—
3284 medicines	3	0	3	—	—	—
3285 perfumes & cleansers	12	0	12	—	—	—
3286 plastics	0	0	0	—	—	—
3291 pesticides	0	—	0	—	—	—
3293 explosives	1	—	1	—	—	—
3297 chemical additives	51	42	8	—	—	—
3299 chem. products nec	5	2	3	—	—	—
Total crude materials, inedible except fuels	1,541	1,503	22	4	0	11
Subtotal forest products, wood and chips	6	0	6	—	0	—
4189 lumber	5	0	5	—	0	—
4190 forest products nec	1	—	1	—	—	—
Subtotal pulp and waste paper	0	0	0	—	—	—
4225 pulp & waste paper	0	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,526	1,495	15	4	—	11
4331 sand & gravel	1,523	1,495	12	4	—	11
4338 soil & fill dirt	3	0	3	—	—	—
Subtotal iron ore and scrap	8	8	—	—	—	—
4420 iron & steel scrap	8	8	—	—	—	—
Subtotal non-ferrous ores and scrap	0	0	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—
Subtotal other non-metal. min.	1	—	1	—	—	—
4900 non-metal. min. nec	1	—	1	—	—	—
Total primary manufactured goods	82	1	81	—	0	—
Subtotal paper products	19	1	18	—	—	—
5120 paper & paperboard	3	—	3	—	—	—
5190 paper products nec	16	1	15	—	—	—
Subtotal lime, cement and glass	38	0	38	—	0	—
5220 cement & concrete	10	—	10	—	—	—
5240 glass & glass prod.	0	—	0	—	—	—
5290 misc. mineral prod.	28	0	27	—	0	—
Subtotal primary iron and steel products	0	—	0	—	—	—
5370 i&s pipe & tube	0	—	0	—	—	—
Subtotal primary non-ferrous metal products	24	0	24	—	—	—
5480 fab. metal products	24	0	24	—	—	—
Subtotal primary wood products	1	—	1	—	—	—
5540 primary wood prod.	1	—	1	—	—	—
Total food and farm products	475	197	278	—	—	—
Subtotal fish	2	—	2	—	—	—
6134 fish (not shellfish)	2	—	2	—	—	—
Subtotal grain	2	1	1	—	—	—
6344 corn	1	1	0	—	—	—
6442 rice	1	—	1	—	—	—
Subtotal vegetable products	29	2	27	—	—	—
6653 vegetable oils	0	0	—	—	—	—
6654 vegetables & prod.	29	2	27	—	—	—
Subtotal processed grain and animal feed	10	0	10	—	—	—
6746 wheat flour	3	—	3	—	—	—
6747 grain mill products	3	—	3	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	4	0	4	—	—	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
Subtotal other agricultural products	431	193	238	---	---	---
6811 meat, fresh, frozen	22	0	22	---	---	---
6822 dairy products	0	0	0	---	---	---
6835 fish, prepared	92	92	---	---	---	---
6839 animals & prod. nec	4	3	1	---	---	---
6856 bananas & plantains	3	---	3	---	---	---
6857 fruit & nuts nec	56	50	6	---	---	---
6858 fruit juices	33	32	0	---	---	---
6861 sugar	4	4	0	---	---	---
6871 coffee	0	0	0	---	---	---
6885 alcoholic beverages	74	0	74	---	---	---
6887 groceries	0	---	0	---	---	---
6889 food products nec	135	5	130	---	---	---
6891 tobacco & products	0	---	0	---	---	---
6899 farm products nec	9	8	1	---	---	---
Total all manufactured equipment, machinery and products	642	123	517	1	1	---
7110 machinery (not elec)	57	20	37	---	---	---
7120 electrical machinery	9	3	6	---	---	---
7210 vehicles & parts	109	37	73	---	---	---
7220 aircraft & parts	0	0	0	---	---	---
7230 ships & boats	0	0	0	---	---	---
7400 manufac. wood prod.	47	4	43	---	0	---
7500 textile products	32	22	10	---	---	---
7600 rubber & plastic pr.	4	2	3	---	---	---
7900 manufac. prod. nec	384	37	345	1	1	---
Total unknown or not elsewhere classified	1	1	0	---	---	---
9900 unknown or nec	1	1	0	---	---	---

*Includes 791,896 tons of foreign inbound in-transits; Includes 146,924 tons of foreign outbound in-transits;
Includes 12,200 tons of Canadian inbound in-transits; Includes 587 tons of Canadian outbound in-transits.

PORT HUENEME, CA

Section Included: Harbor at Port Hueneme. Project Depths: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Channel Basin and Channel A. Controlling Depth: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Central Basin and Channel A.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	814	1997	988	2000	1,194	2003	1,090
1995	1,076	1998	1,328	2001	1,134		
1996	943	1999	1,121	2002	1,152		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound*	Outbound*	Coastwise Shipments
Total, all commodities	1,090	911	146	33
Total chemicals and related products	88	88	---	---
Subtotal fertilizers	83	83	---	---
3110 nitrogenous fert.	77	77	---	---
3190 fert. & mixes nec	6	6	---	---
Subtotal other chemicals and related products	5	5	---	---
3276 metallic salts	5	5	---	---
3299 chem. products nec	0	0	---	---
Total crude materials, inedible except fuels	0	0	0	---
Subtotal forest products, wood and chips	0	0	0	---
4150 fuel wood	0	---	0	---
4189 lumber	0	0	---	---
Subtotal pulp and waste paper	0	0	---	---
4225 pulp & waste paper	0	0	---	---
Subtotal soil, sand, gravel, rock and stone	0	0	---	---
4331 sand & gravel	0	0	---	---
Total primary manufactured goods	1	1	0	---
Subtotal paper products	0	0	---	---
5110 newsprint	0	0	---	---
5190 paper products nec	0	0	---	---
Subtotal primary iron and steel products	0	0	0	---
5320 i&s primary forms	0	0	---	---
5360 i&s bars & shapes	0	0	---	---
5370 i&s pipe & tube	0	---	0	---
5390 primary i&s nec	0	0	---	---

PORT HUENEME, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound*	Outbound*	Coastwise Shipments
Subtotal primary non-ferrous metal products	1	0	0	---
5421 copper	0	0	---	---
5480 fab. metal products	1	0	0	---
Total food and farm products	531	423	107	---
Subtotal fish	5	5	---	---
6134 fish (not shellfish)	0	0	---	---
6136 shellfish	5	5	---	---
Subtotal vegetable products	0	0	---	---
6654 vegetables & prod.	0	0	---	---
Subtotal other agricultural products	525	418	107	---
6811 meat, fresh, frozen	0	0	---	---
6835 fish, prepared	0	0	---	---
6856 bananas & plantains	370	369	0	---
6857 fruit & nuts nec	153	46	107	---
6858 fruit juices	3	2	0	---
6885 alcoholic beverages	0	0	---	---
6889 food products nec	0	0	0	---
6899 farm products nec	0	0	0	---
Total all manufactured equipment, machinery and products	295	236	26	33
7110 machinery (not elec)	57	21	3	33
7120 electrical machinery	4	3	0	---
7210 vehicles & parts	231	210	21	---
7220 aircraft & parts	0	0	0	---
7230 ships & boats	0	0	0	---
7300 ordnance & access.	1	1	1	---
7400 manufac. wood prod.	0	0	---	---
7500 textile products	0	0	0	---
7600 rubber & plastic pr.	0	0	0	0
7900 manufac. prod. nec	2	1	0	0
Total unknown or not elsewhere classified	175	163	13	---
9900 unknown or nec	175	163	13	---

*Includes 46,284 tons of foreign inbound in-transits; Includes 66 tons of foreign outbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
MISSION BAY, CA	No Commerce Reported	
MORRO BAY HARBOR, CA	No Commerce Reported	
NEWPORT BAY HARBOR, CA	No Commerce Reported	
OCEANSIDE HARBOR, CA	2340 residual fuel oil	0
	Total Tons(x1000)	<u>0</u>
REDONDO BEACH, CA	No Commerce Reported	
SANTA BARBARA HARBOR, CA	5480 fab. metal products	0
	7110 machinery (not elec)	0
	Total Tons(x1000)	<u>0</u>

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP CHANNEL
AND THE PORT OF SACRAMENTO, CA)

Section Included: From mouth of river to Red Bluff via river route, a distance of 248 miles; from mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, a distance of 29.9 miles. Controlling Depth: Mouth of river to Cache Slough, 29 feet; mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, 29 feet.; mouth of Cache Slough to Sacramento via river route, 10 feet; Sacramento to Colusa, 6 feet in low water season; Colusa to Chico Landing, 3 feet., Chico Landing to Red Bluff, 1.5 feet. Project Depth: 30 feet from mouth of river to Cache Slough; 30 feet from Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel; 10 feet from mouth of Cache Slough to Sacramento via river route; 6 feet from Sacramento to Colusa; 5 feet. from Colusa to Chico Landing; such depths as practicable from Chico Landing to Red Bluff.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,573	1997	1,178	2000	867	2003	770
1995	1,171	1998	946	2001	690		
1996	1,289	1999	925	2002	657		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound*	Outbound*		
				Inbound	Internal Inbound Upbound
Total, all commodities	770	349	337	57	27
Total chemicals and related products	202	145	—	57	—
Subtotal fertilizers	145	145	—	—	—
3110 nitrogenous fert.	145	145	—	—	—
Subtotal other chemicals and related products	57	—	—	57	—
3273 ammonia	57	—	—	57	—
Total crude materials, inedible except fuels	166	57	81	—	27
Subtotal forest products, wood and chips	136	54	81	—	—
4161 wood chips	81	—	81	—	—
4170 wood in the rough	16	16	0	—	—
4189 lumber	38	38	—	—	—
Subtotal soil, sand, gravel, rock and stone	11	3	—	—	8
4331 sand & gravel	11	3	—	—	8
Subtotal marine shells	19	—	—	—	19
4515 marine shells	19	—	—	—	19
Total primary manufactured goods	111	109	2	—	—
Subtotal lime, cement and glass	81	81	—	—	—
5220 cement & concrete	81	81	—	—	—
Subtotal primary iron and steel products	2	2	—	—	—
5320 i&s primary forms	2	2	—	—	—
Subtotal primary non-ferrous metal products	4	2	2	—	—
5422 aluminum	0	0	—	—	—
5480 fab. metal products	3	2	2	—	—
Subtotal primary wood products	24	24	—	—	—
5540 primary wood prod.	24	24	—	—	—
Total food and farm products	281	27	254	—	—
Subtotal grain	281	27	254	—	—
6442 rice	281	27	254	—	—
Total all manufactured equipment, machinery and products	9	9	0	—	—
7110 machinery (not elec)	3	3	—	—	—
7120 electrical machinery	4	4	—	—	—
7230 ships & boats	0	0	—	—	—
7400 manufac. wood prod.	0	0	—	—	—
7500 textile products	0	—	0	—	—
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	1	1	—	—	—
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—
Ton-miles (x1000)	64,084	30,020	29,003	4,860	200

Tons All Traffic (x1000) 770
 Ton-miles All Traffic (x1000) 64,084
 Total Trip-ton-miles Internal and Intraport (x1000) 1,425

*Includes 84 tons of foreign inbound in-transits; Includes 17 tons of foreign outbound in-transits.

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A Deepwater Ship Channel from Suisun Bay to the Inland Harbor at Sacramento, a distance of 43 miles; a triangular shaped deep draft harbor and turning basin located at West Sacramento; a 1.5 mile-long barge canal with navigation lock connecting the deep draft harbor with the Sacramento River. Controlling Depth: 29 feet. in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal. Project Depth: 30 feet in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,542	1997	1,143	2000	852	2003	743
1995	1,131	1998	925	2001	669		
1996	1,240	1999	912	2002	619		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	743	349	337	57
Total chemicals and related products	202	145	---	57
Subtotal fertilizers	145	145	---	---
3110 nitrogenous fert.	145	145	---	---
Subtotal other chemicals and related products	57	---	---	57
3273 ammonia	57	---	---	57
Total crude materials, inedible except fuels	138	57	81	---
Subtotal forest products, wood and chips	136	54	81	---
4161 wood chips	81	---	81	---
4170 wood in the rough	16	16	0	---
4189 lumber	38	38	---	---
Subtotal soil, sand, gravel, rock and stone	3	3	---	---
4331 sand & gravel	3	3	---	---
Total primary manufactured goods	111	109	2	---
Subtotal lime, cement and glass	81	81	---	---
5220 cement & concrete	81	81	---	---
Subtotal primary iron and steel products	2	2	---	---
5320 i&s primary forms	2	2	---	---
Subtotal primary non-ferrous metal products	4	2	2	---
5422 aluminum	0	0	---	---
5480 fab. metal products	3	2	2	---
Subtotal primary wood products	24	24	---	---
5540 primary wood prod.	24	24	---	---
Total food and farm products	281	27	254	---
Subtotal grain	281	27	254	---
6442 rice	281	27	254	---
Total all manufactured equipment, machinery and products	9	9	0	---
7110 machinery (not elec)	3	3	---	---
7120 electrical machinery	4	4	---	---
7230 ships & boats	0	0	---	---
7400 manufac. wood prod.	0	0	---	---
7500 textile products	0	---	0	---
7600 rubber & plastic pr.	0	---	0	---
7900 manufac. prod. nec	1	1	---	---
Total unknown or not elsewhere classified	1	1	---	---
9900 unknown or nec	1	1	---	---
Ton-miles (x1000)	30,456	14,312	13,827	2,317

Tons All Traffic (x1000) 743
 Ton-miles All Traffic (x1000) 30,456

*Includes 84 tons of foreign inbound in-transits; Includes 17 tons of foreign outbound in-transits.

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A triangular shaped harbor and turning basin at Washington Lake, West Sacramento, adjacent to channel; a connecting barge canal to the Sacramento River shallow draft channel; thence upstream to a point approximately 6.6 miles upstream at Bryte. Controlling Depth: 29 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel. Project Depth: 30 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,545	1997	1,143	2000	852	2003	743
1995	1,137	1998	925	2001	669		
1996	1,240	1999	915	2002	619		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	743	349	337	57
Total chemicals and related products	202	145	---	57
Subtotal fertilizers	145	145	---	---
3110 nitrogenous fert.	145	145	---	---
Subtotal other chemicals and related products	57	---	---	57
3273 ammonia	57	---	---	57
Total crude materials, inedible except fuels	138	57	81	---
Subtotal forest products, wood and chips	136	54	81	---
4161 wood chips	81	---	81	---
4170 wood in the rough	16	16	0	---
4189 lumber	38	38	---	---
Subtotal soil, sand, gravel, rock and stone	3	3	---	---
4331 sand & gravel	3	3	---	---
Total primary manufactured goods	111	109	2	---
Subtotal lime, cement and glass	81	81	---	---
5220 cement & concrete	81	81	---	---
Subtotal primary iron and steel products	2	2	---	---
5320 i&s primary forms	2	2	---	---
Subtotal primary non-ferrous metal products	4	2	2	---
5422 aluminum	0	0	---	---
5480 fab. metal products	3	2	2	---
Subtotal primary wood products	24	24	---	---
5540 primary wood prod.	24	24	---	---
Total food and farm products	281	27	254	---
Subtotal grain	281	27	254	---
6442 rice	281	27	254	---
Total all manufactured equipment, machinery and products	9	9	0	---
7110 machinery (not elec)	3	3	---	---
7120 electrical machinery	4	4	---	---
7230 ships & boats	0	0	---	---
7400 manufac. wood prod.	0	0	---	---
7500 textile products	0	---	0	---
7600 rubber & plastic pr.	0	---	0	---
7900 manufac. prod. nec	1	1	---	---
Total unknown or not elsewhere classified	1	1	---	---
9900 unknown or nec	1	1	---	---

*Includes 84 tons of foreign inbound in-transits; Includes 17 tons of foreign outbound in-transits.

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)

Section Included: From mouth of New York Slough to city of Stockton, 41 miles; from Stockton Channel to Hills Ferry, 84 miles. Controlling Depth: mouth of river to Mormon Channel, Stockton, 35 feet; other connecting channels, 2 feet to 9 feet; to Edison Street, 22 feet. Project Depth: 35 feet from the mouth of New York Slough to Mormon Channel at Stockton; 30 feet from Mormon Channel to Edison Street; other connecting channels, 9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	3,337	1997	3,292	2000	3,755	2003	3,539
1995	3,315	1998	3,325	2001	3,996		
1996	2,716	1999	3,051	2002	4,840		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound*	Inbound	Total	Internal		Through Upbound
					Upbound	Downbnd	Upbound	
Total, all commodities	3,539	2,096	1,115	193	135	92	4	40
Total coal	5	---	---	5	---	---	---	---
1100 coal lignite	5	---	---	5	---	---	---	---
Total petroleum and petroleum products	629	---	625	---	4	---	4	---
Subtotal petroleum products	629	---	625	---	4	---	4	---
2340 residual fuel oil	4	---	---	---	4	---	4	---
2350 lube oil & greases	1	---	1	---	---	---	---	---
2540 petroleum coke	625	---	625	---	---	---	---	---
Total chemicals and related products	710	499	22	189	---	---	---	---
Subtotal fertilizers	370	370	---	---	---	---	---	---
3110 nitrogenous fert.	337	337	---	---	---	---	---	---
3130 potassic fert.	13	13	---	---	---	---	---	---
3190 fert. & mixes nec	20	20	---	---	---	---	---	---
Subtotal other chemicals and related products	340	129	22	189	---	---	---	---
3211 acyclic hydrocarbons	4	---	4	---	---	---	---	---
3212 benzene & toluene	11	11	---	---	---	---	---	---
3220 alcohols	1	---	---	1	---	---	---	---
3250 organo - inorg. comp.	1	---	0	1	---	---	---	---
3273 ammonia	223	76	---	147	---	---	---	---
3274 sodium hydroxide	56	15	---	40	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	18	1	17	---	---	---	---	---
3276 metallic salts	26	26	---	---	---	---	---	---
3286 plastics	0	0	---	---	---	---	---	---
3299 chem. products nec	0	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	540	193	256	---	91	51	---	40
Subtotal forest products, wood and chips	8	8	---	---	---	---	---	---
4189 lumber	8	8	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	276	185	---	---	91	51	---	40
4323 gypsum	185	185	---	---	---	---	---	---
4331 sand & gravel	91	---	---	---	91	51	---	40
Subtotal marine shells	0	0	---	---	---	---	---	---
4515 marine shells	0	0	---	---	---	---	---	---
Subtotal sulphur, clay and salt	256	---	256	---	---	---	---	---
4741 sulphur, (dry)	256	---	256	---	---	---	---	---
Total primary manufactured goods	1,078	1,078	---	---	---	---	---	---
Subtotal paper products	0	0	---	---	---	---	---	---
5120 paper & paperboard	0	0	---	---	---	---	---	---
Subtotal lime, cement and glass	467	467	---	---	---	---	---	---
5220 cement & concrete	466	466	---	---	---	---	---	---
5240 glass & glass prod.	0	0	---	---	---	---	---	---
5290 misc. mineral prod.	0	0	---	---	---	---	---	---
Subtotal primary iron and steel products	43	43	---	---	---	---	---	---
5330 i&s plates & sheets	26	26	---	---	---	---	---	---
5360 i&s bars & shapes	5	5	---	---	---	---	---	---
5370 i&s pipe & tube	12	12	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	568	568	---	---	---	---	---	---
5421 copper	2	2	---	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---
5480 fab. metal products	566	566	---	---	---	---	---	---
Subtotal primary wood products	0	0	---	---	---	---	---	---
5540 primary wood prod.	0	0	---	---	---	---	---	---
Total food and farm products	573	322	209	---	41	41	---	---
Subtotal grain	197	1	196	---	---	---	---	---
6241 wheat	52	---	52	---	---	---	---	---
6344 corn	1	1	---	---	---	---	---	---
6442 rice	144	---	144	---	---	---	---	---
Subtotal oilseeds	75	66	9	---	---	---	---	---
6590 oilseeds nec	75	66	9	---	---	---	---	---

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound*	Inbound	Total	Internal	
					Inbound Upbound	Outbound Downbnd	Through Upbound
Subtotal vegetable products	24	23	1	---	---	---	---
6653 vegetable oils	24	23	1	---	---	---	---
Subtotal processed grain and animal feed	40	40	---	---	---	---	---
6781 hay & fodder	40	40	---	---	---	---	---
Subtotal other agricultural products	236	191	4	---	41	41	---
6838 tallow, animal oils	4	---	4	---	---	---	---
6858 fruit juices	0	0	---	---	---	---	---
6861 sugar	28	28	---	---	---	---	---
6865 molasses	204	163	---	---	41	41	---
6885 alcoholic beverages	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	4	2	2	---	---	---	---
7110 machinery (not elec)	2	0	2	---	---	---	---
7120 electrical machinery	1	1	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---
7600 rubber & plastic pr.	0	0	0	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---
Total unknown or not elsewhere classified	2	2	---	---	---	---	---
9900 unknown or nec	2	2	---	---	---	---	---
Ton-miles (x1000)	86,968	54,951	21,654	6,409	3,954	2,994	4

Tons All Traffic (x1000) 3,539
 Ton-miles All Traffic (x1000) 86,968
 Total Trip-ton-miles Internal and Intraport (x1000) 11,068

*Includes 27,852 tons of foreign outbound in-transits.

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)

Section Included: Harbor at Stockton (and vicinity). Controlling Depth: 35 feet in Stockton Channel up to mouth of Mormon Channel; 8 feet in Mormon Channel; 8 feet in Fremont Channel, McLeod Lake and in the head of Stockton Channel. Project Depth: (Included in San Joaquin River project).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,609	1997	1,647	2000	2,051	2003	1,980
1995	1,320	1998	1,339	2001	2,605		
1996	1,143	1999	1,315	2002	2,428		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound*	Inbound	Internal Receipts
Total, all commodities	1,980	1,266	497	152	65
Total coal	5	---	---	5	---
1100 coal lignite	5	---	---	5	---
Total petroleum and petroleum products	13	---	13	---	---
Subtotal petroleum products	13	---	13	---	---
2540 petroleum coke	13	---	13	---	---
Total chemicals and related products	637	473	18	147	---
Subtotal fertilizers	370	370	---	---	---
3110 nitrogenous fert.	337	337	---	---	---
3130 potassic fert.	13	13	---	---	---
3190 fert. & mixes nec	20	20	---	---	---
Subtotal other chemicals and related products	268	103	18	147	---
3250 organo - inorg. comp.	0	---	0	---	---
3273 ammonia	223	76	---	147	---
3275 inorg. elem., oxides, & halogen salts	18	1	17	---	---
3276 metallic salts	26	26	---	---	---
3286 plastics	0	0	---	---	---
3299 chem. products nec	0	0	---	---	---
Total crude materials, inedible except fuels	289	8	256	---	24
Subtotal forest products, wood and chips	8	8	---	---	---
4189 lumber	8	8	---	---	---
Subtotal soil, sand, gravel, rock and stone	24	---	---	---	24
4331 sand & gravel	24	---	---	---	24
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound*	Inbound	Internal Receipts
Subtotal sulphur, clay and salt	256	---	256	---	---
4741 sulphur, (dry)	256	---	256	---	---
Total primary manufactured goods	487	487	---	---	---
Subtotal paper products	0	0	---	---	---
5120 paper & paperboard	0	0	---	---	---
Subtotal lime, cement and glass	467	467	---	---	---
5220 cement & concrete	466	466	---	---	---
5240 glass & glass prod.	0	0	---	---	---
5290 misc. mineral prod.	0	0	---	---	---
Subtotal primary iron and steel products	18	18	---	---	---
5330 i&s plates & sheets	7	7	---	---	---
5370 i&s pipe & tube	12	12	---	---	---
Subtotal primary non-ferrous metal products	2	2	---	---	---
5421 copper	2	2	---	---	---
5422 aluminum	0	0	---	---	---
5480 fab. metal products	0	0	---	---	---
Subtotal primary wood products	0	0	---	---	---
5540 primary wood prod.	0	0	---	---	---
Total food and farm products	543	294	208	---	41
Subtotal grain	197	1	196	---	---
6241 wheat	52	---	52	---	---
6344 corn	1	1	---	---	---
6442 rice	144	---	144	---	---
Subtotal oilseeds	75	66	9	---	---
6590 oilseeds nec	75	66	9	---	---
Subtotal vegetable products	23	23	---	---	---
6653 vegetable oils	23	23	---	---	---
Subtotal processed grain and animal feed	40	40	---	---	---
6781 hay & fodder	40	40	---	---	---
Subtotal other agricultural products	208	163	4	---	41
6838 tallow, animal oils	4	---	4	---	---
6858 fruit juices	0	0	---	---	---
6865 molasses	204	163	---	---	41
6885 alcoholic beverages	0	0	---	---	---
Total all manufactured equipment, machinery and products	4	2	2	---	---
7110 machinery (not elec)	2	0	2	---	---
7120 electrical machinery	1	1	---	---	---
7230 ships & boats	0	0	---	---	---
7600 rubber & plastic pr.	0	0	0	---	---
7900 manufac. prod. nec	0	0	---	---	---
Total unknown or not elsewhere classified	2	2	---	---	---
9900 unknown or nec	2	2	---	---	---

*Includes 27,852 tons of foreign outbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
MIDDLE RIVER, CA	4331 sand & gravel	16
	Total Tons(x1000)	16
	Total Ton-miles(x1000)	165
	Total Trip-ton-miles Internal and Intraport (x1000)	1,312
MOKELUMNE RIVER, CA	4331 sand & gravel	13
	Total Tons(x1000)	13
	Total Ton-miles(x1000)	105
	Total Trip-ton-miles Internal and Intraport (x1000)	1,015
OLD RIVER, CA	4331 sand & gravel	11
	Total Tons(x1000)	11
	Total Ton-miles(x1000)	173
	Total Trip-ton-miles Internal and Intraport (x1000)	976

TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA

Freight Traffic, 2003
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
ALVISO SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
BERKELEY, CA	---	---	---	---	---	---	---	0.00	---
CARQUINEZ STRAIT, CA	5,058	996	6,970	904	462	55	14,445	21.61	8,013
COYOTE HILL SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
NAPA RIVER, CA	---	---	---	---	130	---	130	0.19	---
NEWARK SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
OAKLAND HARBOR, CA	4,203	5,860	315	1,106	1,143	---	12,627	18.90	---
OTHER SAN FRANCISCO BAY AREA PORTS, CA	---	---	121	32	2,109	11	2,273	3.40	---
PETALUMA RIVER, CA	---	---	---	---	292	---	292	0.44	---
REDWOOD CITY HARBOR, CA	916	378	---	---	25	---	1,319	1.97	---
RICHMOND HARBOR, CA	10,017	858	6,414	3,735	1,651	326	23,001	34.42	---
SACRAMENTO RIVER, CA	406	337	---	---	27	---	770	1.15	---
SAN FRANCISCO HARBOR, CA	1,636	138	10	---	457	---	2,241	3.35	---
SAN JOAQUIN RIVER, CA**	2,290	1,115	---	---	95	---	3,500	5.24	40
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	1,079	269	154	434	448	---	2,382	3.56	22,218
SAN RAFAEL CREEK, CA	---	---	---	---	---	---	---	0.00	---
SUISUN BAY CHANNEL, CA	1,035	240	399	1,115	1,020	40	3,850	5.76	4,306
SUISUN CHANNEL, CA	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	26,639	10,192	14,381	7,326	7,860	432	66,829	---	34,577
PERCENT (UNADJUSTED)	39.86	15.25	21.52	10.96	11.76	0.65	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA ***	26,639	10,192	14,381	7,326	3,951	432	62,921	---	---
PERCENT (ADJUSTED)	42.34	16.20	22.86	11.64	6.28	0.69	---	100.00	---

* Not included in the tonnage of the Bay and Delta Areas.

** Tributaries to San Joaquin River include Mokelumne Middle, and Old River.

*** Adjusted to net volume by excluding duplication of internal traffic moved between ports and waterways of the San Francisco Bay and Delta Areas.

SAN FRANCISCO BAY ENTRANCE, CA

Section Included: Main ship channel. Controlling Depth: Main ship channel, 55.0 feet. Project Depth: Main ship channel, 55 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	67,220	1997	53,698	2000	51,387	2003	58,538
1995	61,356	1998	49,929	2001	56,965		
1996	59,850	1999	50,666	2002	54,143		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Upbound	Downbnd
Total, all commodities	58,538	24,460	10,141	2,179	51	21,707	14,381	7,326
Total coal	5	0	0	5	---	---	---	---
1100 coal lignite	5	0	0	5	---	---	---	---
1200 coal coke	0	0	0	---	---	---	---	---
Total petroleum and petroleum products	36,845	14,784	2,366	142	40	19,513	13,893	5,621
Subtotal crude petroleum	25,473	13,280	189	81	---	11,922	11,914	9
2100 crude petroleum	25,473	13,280	189	81	---	11,922	11,914	9
Subtotal petroleum products	11,372	1,503	2,177	62	40	7,591	1,979	5,612
2211 gasoline	4,749	288	101	3	16	4,341	619	3,723
2221 kerosene	24	---	0	---	24	---	---	---
2330 distillate fuel oil	2,381	318	353	12	---	1,698	1,049	649
2340 residual fuel oil	2,032	617	559	11	---	846	240	605
2350 lube oil & greases	777	64	110	---	---	603	38	564
2410 petro. jelly & waxes	67	66	1	---	---	---	---	---
2429 naphtha & solvents	275	100	59	36	---	80	12	68
2430 asphalt, tar & pitch	18	---	18	---	0	---	---	---
2540 petroleum coke	1,026	50	976	---	---	---	---	---
2640 liquid natural gas	1	0	0	---	---	1	0	0
2990 petro. products nec	22	---	---	---	---	22	20	2

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Through	
						Upbound	Downbnd	
Total chemicals and related products	4,054	1,704	646	883	0	820	191	629
Subtotal fertilizers	546	524	11	0	---	12	3	8
3110 nitrogenous fert.	484	484	0	---	---	---	---	---
3130 potassic fert.	13	13	---	---	---	---	---	---
3190 fert. & mixes nec	49	26	11	0	---	12	3	8
Subtotal other chemicals and related products	3,507	1,180	635	883	0	809	188	620
3211 acyclic hydrocarbons	251	---	68	156	---	28	---	28
3212 benzene & toluene	240	28	0	---	---	212	35	177
3219 other hydrocarbons	3	1	1	---	---	---	---	---
3220 alcohols	507	58	4	41	---	404	29	375
3230 carboxylic acids	31	29	2	---	---	---	---	---
3240 nitrogen func. comp.	16	4	11	---	---	---	---	---
3250 organo - inorg. comp.	13	5	7	1	---	---	---	---
3260 organic comp. nec	745	706	4	36	0	---	---	---
3272 sulphuric acid	1	0	1	---	---	---	---	---
3273 ammonia	280	76	0	204	---	---	---	---
3274 sodium hydroxide	129	62	0	40	---	26	26	---
3275 inorg. elem., oxides, & halogen salts	357	10	345	0	0	2	---	2
3276 metallic salts	47	42	5	---	---	---	---	---
3279 inorganic chem. nec	3	2	2	---	---	---	---	---
3281 radioactive material	3	0	2	---	---	0	0	---
3282 pigments & paints	15	4	8	---	---	3	0	3
3283 coloring mat. nec	2	1	1	---	---	---	---	---
3284 medicines	22	7	14	---	---	1	0	1
3285 perfumes & cleansers	44	9	28	---	---	7	0	7
3286 plastics	159	71	86	0	0	2	0	2
3291 pesticides	4	3	1	0	---	0	---	0
3292 starches, gluten, glue	55	40	15	---	---	---	---	---
3293 explosives	2	1	0	---	---	0	---	0
3297 chemical additives	128	0	8	---	---	120	96	25
3298 wood & resin chem.	0	0	0	---	---	---	---	---
3299 chem. products nec	451	20	21	406	0	4	2	2
Total crude materials, inedible except fuels	5,373	1,234	3,042	1,074	4	20	11	9
Subtotal forest products, wood and chips	406	282	107	0	0	17	10	7
4110 rubber & gums	3	3	0	---	---	---	---	---
4150 fuel wood	3	2	0	0	---	---	---	---
4161 wood chips	82	0	81	0	---	---	---	---
4170 wood in the rough	40	38	2	---	---	---	---	---
4189 lumber	267	230	20	0	---	17	10	7
4190 forest products nec	12	9	2	0	0	0	0	0
Subtotal pulp and waste paper	1,444	5	1,439	---	---	0	---	0
4225 pulp & waste paper	1,444	5	1,439	---	---	0	---	0
Subtotal soil, sand, gravel, rock and stone	1,819	742	2	1,074	---	1	0	1
4310 building stone	43	41	0	2	---	---	---	---
4322 limestone	2	2	---	0	---	---	---	---
4323 gypsum	690	690	0	---	---	---	---	---
4331 sand & gravel	1,083	9	2	1,072	---	---	---	---
4338 soil & fill dirt	1	---	---	---	---	1	0	1
Subtotal iron ore and scrap	1,081	25	1,056	---	---	0	0	---
4410 iron ore	1	0	1	---	---	---	---	---
4420 iron & steel scrap	1,081	25	1,056	---	---	0	0	---
Subtotal marine shells	0	0	---	---	---	---	---	---
4515 marine shells	0	0	---	---	---	---	---	---
Subtotal non-ferrous ores and scrap	279	158	121	---	0	0	0	---
4630 copper ore	0	---	0	---	---	---	---	---
4650 aluminum ore	156	156	0	---	---	---	---	---
4680 non-ferrous scrap	59	0	58	---	---	0	0	---
4690 non-ferrous ores nec	64	1	62	---	0	---	---	---
Subtotal sulphur, clay and salt	262	3	259	---	---	---	---	---
4741 sulphur, (dry)	257	1	256	---	---	---	---	---
4782 clay & refrac. mat.	5	2	3	---	---	---	---	---
Subtotal slag	14	14	---	---	---	---	---	---
4860 slag	14	14	---	---	---	---	---	---
Subtotal other non-metal. min.	67	4	58	0	3	2	1	2
4900 non-metal. min. nec	67	4	58	0	3	2	1	2
Total primary manufactured goods	3,010	2,537	353	63	0	57	11	47
Subtotal paper products	169	100	51	10	0	8	1	7
5110 newsprint	26	15	1	10	---	0	0	0
5120 paper & paperboard	95	56	37	---	0	2	0	2
5190 paper products nec	48	29	13	0	---	6	1	5
Subtotal lime, cement and glass	1,434	1,349	12	50	0	24	5	19
5210 lime	0	0	---	---	---	---	---	---
5220 cement & concrete	1,072	1,070	0	---	---	2	0	1
5240 glass & glass prod.	125	117	8	1	0	0	0	0
5290 misc. mineral prod.	238	163	4	49	0	22	4	18
Subtotal primary iron and steel products	186	147	36	0	---	3	0	3
5312 pig iron	2	1	0	---	---	---	---	---

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Through	
						Upbound	Downbnd	
5315 ferro alloys	0	0	0	—	—	—	—	—
5320 i&s primary forms	32	16	16	—	—	—	—	—
5330 i&s plates & sheets	51	39	12	—	—	—	—	—
5360 i&s bars & shapes	29	28	2	—	—	—	—	—
5370 i&s pipe & tube	61	56	2	0	—	3	0	3
5390 primary i&s nec	12	7	5	—	—	—	—	—
Subtotal primary non-ferrous metal products	1,153	877	252	3	0	21	4	16
5421 copper	13	13	1	—	—	—	—	—
5422 aluminum	15	11	4	0	—	—	—	—
5429 smelted prod. nec	206	4	202	—	—	—	—	—
5480 fab. metal products	919	850	46	3	0	21	4	16
Subtotal primary wood products	68	64	2	0	—	2	0	1
5540 primary wood prod.	68	64	2	0	—	2	0	1
Total food and farm products	6,061	2,159	3,326	9	6	560	125	434
Subtotal fish	43	17	25	0	0	1	0	0
6134 fish (not shellfish)	24	10	13	—	0	1	0	0
6136 shellfish	19	7	12	0	0	—	—	—
Subtotal grain	747	89	617	—	0	40	—	40
6241 wheat	52	0	52	—	0	—	—	—
6344 corn	10	2	8	—	—	0	—	0
6442 rice	683	87	556	—	—	40	—	40
6443 barley & rye	0	0	0	—	—	—	—	—
6445 oats	1	0	0	—	—	—	—	—
6447 sorghum grains	0	0	0	—	—	—	—	—
Subtotal oilseeds	103	72	31	0	—	—	—	—
6521 peanuts	1	0	0	0	—	—	—	—
6522 soybeans	6	1	5	—	—	—	—	—
6534 flaxseed	1	1	—	—	—	—	—	—
6590 oilseeds nec	96	70	26	—	—	—	—	—
Subtotal vegetable products	667	354	283	2	0	27	2	25
6653 vegetable oils	289	264	24	0	—	—	—	—
6654 vegetables & prod.	378	91	259	1	0	27	2	25
Subtotal processed grain and animal feed	474	70	388	0	—	16	2	14
6746 wheat flour	7	1	1	—	—	5	1	4
6747 grain mill products	60	23	36	0	—	1	0	1
6781 hay & fodder	267	44	223	—	—	0	—	0
6782 animal feed, prep.	140	2	128	—	—	10	1	8
Subtotal other agricultural products	4,026	1,556	1,982	7	6	476	121	354
6811 meat, fresh, frozen	466	45	376	—	—	45	1	44
6817 meat, prepared	26	4	22	—	—	—	—	—
6822 dairy products	77	10	35	0	—	31	1	30
6835 fish, prepared	21	16	5	0	—	—	—	—
6838 tallow, animal oils	31	0	30	—	—	—	—	—
6839 animals & prod. nec	143	5	125	—	0	13	5	7
6856 bananas & plantains	1	1	0	—	0	0	—	0
6857 fruit & nuts nec	514	46	458	0	3	6	5	2
6858 fruit juices	242	157	61	2	0	23	23	—
6861 sugar	500	464	1	0	—	34	34	0
6865 molasses	195	163	0	—	—	32	32	—
6871 coffee	100	95	1	0	—	4	2	2
6872 cocoa beans	17	16	0	1	—	—	—	—
6885 alcoholic beverages	682	342	283	3	2	51	0	50
6887 groceries	1	—	—	—	—	1	0	1
6888 water & ice	100	32	68	0	—	—	—	—
6889 food products nec	594	147	228	1	0	218	16	202
6891 tobacco & products	56	2	53	—	—	1	—	1
6893 cotton	227	0	226	—	0	—	—	—
6894 natural fibers nec	3	1	1	—	—	—	—	—
6899 farm products nec	33	8	8	0	0	17	2	15
Total all manufactured equipment, machinery and products	2,897	1,870	303	2	0	721	147	573
7110 machinery (not elec)	223	115	56	1	0	51	19	32
7120 electrical machinery	306	276	28	0	0	1	0	1
7210 vehicles & parts	604	419	46	0	0	139	35	104
7220 aircraft & parts	2	1	1	—	—	0	0	0
7230 ships & boats	2	1	1	0	0	0	0	0
7300 ordnance & access.	3	2	0	0	—	1	1	0
7400 manufac. wood prod.	81	47	15	0	—	19	6	13
7500 textile products	215	195	17	0	0	3	1	1
7600 rubber & plastic pr.	193	150	40	0	—	3	0	3
7900 manufac. prod. nec	1,267	662	100	1	0	504	85	419

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Through	
						Upbound	Downbnd	
Total waste and scrap nec	0	---	---	---	---	0	0	---
8900 waste and scrap nec	0	---	---	---	---	0	0	---
Total unknown or not elsewhere classified	294	172	104	1	0	16	3	13
9900 unknown or nec	294	172	104	1	0	16	3	13

*Includes 83,206 tons of foreign upbound through in-transits; Includes 58,268 tons of foreign downbound through in-transits; Includes 23,198 tons of Canadian upbound through in-transits; Includes 115 tons of Canadian downbound through in-transits.

SAN FRANCISCO HARBOR, CA

Section Included: From Fort Point to San Francisco Airport on the west side of the San Francisco Bay. Controlling Depth: Main ship channel, 55.0 feet; Presidio Shoal, 34.1 feet; Black Point Shoal, 35.5 feet; Rincon Reef Rock (inner), 41 feet; Rincon Reef (outer), 42.5 feet; Blossom Rock, 40 feet; Alcatraz Shoal, 34.5 feet; Arch Rock, 36.2 feet; Harding Rocks, 36.7 feet; Shag Rocks 1 and 2, 36.9 feet; Point Knox Shoal, 38.2 feet, Islais Creek Shoal, 38.2 feet; channel and basin at San Francisco Airport, 6.8 feet in the maintained 200-foot wide southerly portion; 8 feet in the maintained portion of turning basin, 8.6 feet to seaplane ramp. Project Depth: 55 feet in entrance channel across the bar; 40 feet across Presidio Shoal, Black Point Shoal, Blossom Rock, Rincon Reef Rock, and a portion of Alcatraz Shoal; 37 feet across Arch, Shag, and Harding Rocks; 35 feet across Racoon Shoal, and the western part of Point Knox Shoal; 35 feet across Islais Creek Shoal; 10 feet to the San Francisco Airport.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,739	1997	1,003	2000	3,588	2003	2,241
1995	1,330	1998	1,330	2001	2,298		
1996	1,982	1999	1,933	2002	2,006		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Coastwise	
						Receipts	Internal Receipts
Total, all commodities	2,241	380	138	1,256	467	10	457
Total petroleum and petroleum products	79	1	44	---	34	---	34
Subtotal petroleum products	79	1	44	---	34	---	34
2211 gasoline	44	---	44	---	---	---	---
2330 distillate fuel oil	0	---	0	---	---	---	---
2340 residual fuel oil	34	---	---	---	34	---	34
2350 lube oil & greases	0	---	0	---	---	---	---
2410 petro. jelly & waxes	1	1	---	---	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---	---
2540 petroleum coke	0	---	0	---	---	---	---
Total chemicals and related products	279	10	5	265	---	---	---
Subtotal fertilizers	0	0	0	---	---	---	---
3190 fert. & mixes nec	0	0	0	---	---	---	---
Subtotal other chemicals and related products	279	10	5	265	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---
3220 alcohols	0	---	0	---	---	---	---
3230 carboxylic acids	9	8	0	---	---	---	---
3240 nitrogen func. comp.	0	0	---	---	---	---	---
3250 organo - inorg. comp.	3	---	3	---	---	---	---
3274 sodium hydroxide	0	---	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	1	---	1	---	---	---	---
3276 metallic salts	0	0	0	---	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---	---
3284 medicines	1	---	1	---	---	---	---
3285 perfumes & cleansers	0	0	0	---	---	---	---
3286 plastics	0	0	0	---	---	---	---
3291 pesticides	0	---	0	---	---	---	---
3292 starches, gluten, glue	0	0	0	---	---	---	---
3297 chemical additives	0	---	0	---	---	---	---
3299 chem. products nec	265	0	0	265	---	---	---
Total crude materials, inedible except fuels	1,435	60	17	935	423	0	423
Subtotal forest products, wood and chips	56	56	0	0	---	---	---
4170 wood in the rough	0	0	---	---	---	---	---
4189 lumber	55	55	0	0	---	---	---
4190 forest products nec	0	0	0	---	---	---	---
Subtotal pulp and waste paper	20	4	16	---	---	---	---
4225 pulp & waste paper	20	4	16	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	1,358	0	---	935	423	---	423
4310 building stone	0	0	---	---	---	---	---
4322 limestone	0	0	---	---	---	---	---
4331 sand & gravel	1,358	0	---	935	423	---	423
Subtotal iron ore and scrap	0	0	0	---	---	---	---
4420 iron & steel scrap	0	0	0	---	---	---	---

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Coastwise	Internal
					Receipts	Receipts	Receipts
Subtotal non-ferrous ores and scrap	0	0	0	---	0	0	---
4630 copper ore	0	---	0	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	0	0	---
Subtotal other non-metal. min.	1	---	1	---	---	---	---
4900 non-metal. min. nec	1	---	1	---	---	---	---
Total primary manufactured goods	179	119	4	56	---	---	---
Subtotal paper products	28	15	3	10	---	---	---
5110 newsprint	25	15	---	10	---	---	---
5120 paper & paperboard	3	0	3	---	---	---	---
5190 paper products nec	0	0	0	---	---	---	---
Subtotal lime, cement and glass	84	39	0	45	---	---	---
5220 cement & concrete	36	36	0	---	---	---	---
5240 glass & glass prod.	1	1	0	---	---	---	---
5290 misc. mineral prod.	47	1	0	45	---	---	---
Subtotal primary iron and steel products	38	38	0	---	---	---	---
5320 i&s primary forms	3	3	---	---	---	---	---
5330 i&s plates & sheets	8	8	---	---	---	---	---
5360 i&s bars & shapes	1	1	---	---	---	---	---
5370 i&s pipe & tube	26	26	0	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	23	21	1	1	---	---	---
5421 copper	7	7	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---
5429 smelted prod. nec	0	0	0	---	---	---	---
5480 fab. metal products	16	14	1	1	---	---	---
Subtotal primary wood products	6	6	0	0	---	---	---
5540 primary wood prod.	6	6	0	0	---	---	---
Total food and farm products	250	176	64	---	9	9	---
Subtotal fish	2	1	1	---	0	0	---
6134 fish (not shellfish)	2	1	1	---	0	0	---
6136 shellfish	0	---	0	---	---	---	---
Subtotal grain	2	0	2	---	---	---	---
6344 corn	0	---	0	---	---	---	---
6442 rice	2	0	2	---	---	---	---
Subtotal oilseeds	1	1	0	---	---	---	---
6521 peanuts	0	---	0	---	---	---	---
6522 soybeans	0	0	0	---	---	---	---
6590 oilseeds nec	1	0	0	---	---	---	---
Subtotal vegetable products	126	115	10	---	---	---	---
6653 vegetable oils	122	114	7	---	---	---	---
6654 vegetables & prod.	4	1	3	---	---	---	---
Subtotal processed grain and animal feed	11	0	11	---	---	---	---
6747 grain mill products	1	0	1	---	---	---	---
6782 animal feed, prep.	11	0	11	---	---	---	---
Subtotal other agricultural products	109	60	40	---	9	9	---
6811 meat, fresh, frozen	11	0	11	---	---	---	---
6817 meat, prepared	0	---	0	---	---	---	---
6822 dairy products	0	0	0	---	---	---	---
6835 fish, prepared	8	4	4	---	---	---	---
6838 tallow, animal oils	16	---	16	---	---	---	---
6839 animals & prod. nec	0	---	0	---	---	---	---
6857 fruit & nuts nec	3	0	2	---	---	---	---
6858 fruit juices	1	1	0	---	---	---	---
6861 sugar	26	26	0	---	---	---	---
6865 molasses	9	---	---	---	9	9	---
6871 coffee	13	13	0	---	---	---	---
6872 cocoa beans	0	---	0	---	---	---	---
6885 alcoholic beverages	14	13	1	---	---	---	---
6888 water & ice	0	---	0	---	---	---	---
6889 food products nec	7	2	5	---	---	---	---
6893 cotton	0	---	0	---	---	---	---
6894 natural fibers nec	0	---	0	---	---	---	---
6899 farm products nec	0	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	14	12	2	---	0	0	0
7110 machinery (not elec)	5	5	0	---	---	---	---
7120 electrical machinery	4	4	0	---	---	---	---
7210 vehicles & parts	1	0	1	---	0	---	0
7220 aircraft & parts	0	0	---	---	---	---	---
7230 ships & boats	0	---	0	---	---	---	---
7400 manufac. wood prod.	2	2	0	---	---	---	---
7500 textile products	0	0	0	---	0	0	---
7600 rubber & plastic pr.	1	1	1	---	---	---	---
7900 manufac. prod. nec	1	1	0	---	---	---	---
Total unknown or not elsewhere classified	4	2	3	0	---	---	---
9900 unknown or nec	4	2	3	0	---	---	---

*Includes 21,723 tons of foreign inbound in-transits; Includes 3,118 tons of foreign outbound in-transits;
Includes 22,046 tons of Canadian inbound in-transits.

REDWOOD CITY HARBOR, CA

Section Included: San Bruno Shoal channel 500 feet wide and about 4 miles long across; Redwood City Harbor channel, a channel from deep water in San Francisco Bay to Steinberger Slough. Controlling Depth: 30.8 feet in San Bruno Shoal channel; 29.8 feet in San Francisco Bay to Beacon No.8; 29.7 feet to Beacon No.15 and beginning of (outer) Turning Basin No.1; 29.5 feet in Turning Basin No.1; 29.5 feet in Turning Basin No.1; 28.5 feet to (upper) Turning Basin No.2; 29.1 in turning basin. Project Depth: 30 feet in San Bruno Shoal Channel; 30 feet to the head of the turning basin in Redwood Creek; 5 feet to Steinberger Slough, and 4 feet in Steinberger Slough.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	846	1997	1,293	2000	734	2003	1,319
1995	754	1998	861	2001	835		
1996	985	1999	736	2002	818		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Internal Receipts
Total, all commodities	1,319	777	378	138	25
Total chemicals and related products	82	—	—	82	—
Subtotal other chemicals and related products	82	—	—	82	—
3299 chem. products nec	82	—	—	82	—
Total crude materials, inedible except fuels	751	291	378	57	25
Subtotal soil, sand, gravel, rock and stone	315	233	—	57	25
4323 gypsum	233	233	—	—	—
4331 sand & gravel	82	—	—	57	25
Subtotal iron ore and scrap	378	—	378	—	—
4420 iron & steel scrap	378	—	378	—	—
Subtotal non-ferrous ores and scrap	44	44	—	—	—
4650 aluminum ore	44	44	—	—	—
Subtotal slag	14	14	—	—	—
4860 slag	14	14	—	—	—
Total primary manufactured goods	486	486	—	—	—
Subtotal lime, cement and glass	486	486	—	—	—
5220 cement & concrete	486	486	—	—	—

OAKLAND HARBOR, CA

Section Included: Outer and inner harbor from deep water in San Francisco Bay to San Leandro Bay, a distance of 8.5 miles. Maintained Depth: 42.0 feet deep in the entrance channel to Oakland Outer Harbor, thence a channel and turning basin 42.0 feet deep in the Outer Harbor to Oakland Army Base; 42.0 feet deep in the entrance channel to Oakland Inner Harbor, 42.0 feet deep to Howard Terminal, thence 35.0 feet deep to Government Island, thence 18.0 feet deep to San Leandro Bay. The mean range of tide is 6.4 feet at Oakland Inner Harbor.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	12,914	1997	10,858	2000	12,161	2003	12,627
1995	13,224	1998	11,148	2001	12,273		
1996	11,230	1999	11,739	2002	12,455		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	10,063	4,182	5,849	21	11
Total coal	0	0	0	—	—
1100 coal lignite	0	0	0	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	28	4	25	—	0
Subtotal crude petroleum	0	0	—	—	—
2100 crude petroleum	0	0	—	—	—
Subtotal petroleum products	28	4	25	—	0
2211 gasoline	0	—	0	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	11	0	11	—	—
2350 lube oil & greases	9	0	9	—	—
2410 petro. jelly & waxes	3	2	1	—	—
2429 naphtha & solvents	1	0	0	—	—
2430 asphalt, tar & pitch	1	—	1	—	0
2540 petroleum coke	3	0	2	—	—
2640 liquid natural gas	0	0	0	—	—
Total chemicals and related products	446	216	229	1	0
Subtotal fertilizers	17	6	11	0	—
3110 nitrogenous fert.	0	0	0	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	16	5	11	0	—
Subtotal other chemicals and related products	429	211	218	0	0
3211 acyclic hydrocarbons	0	—	0	—	—

OAKLAND HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	3	1	1	—	—
3220 alcohols	5	2	3	0	—
3230 carboxylic acids	17	15	2	—	—
3240 nitrogen func. comp.	16	4	11	—	—
3250 organo - inorg. comp.	7	4	3	—	—
3260 organic comp. nec	5	1	4	—	0
3272 sulphuric acid	1	0	1	—	—
3273 ammonia	1	0	0	—	—
3274 sodium hydroxide	1	1	0	—	—
3275 inorg. elem., oxides, & halogen salts	20	9	11	0	—
3276 metallic salts	21	16	5	—	—
3279 inorganic chem. nec	3	2	2	—	—
3281 radioactive material	2	0	2	—	—
3282 pigments & paints	11	4	7	—	—
3283 coloring mat. nec	2	1	1	—	—
3284 medicines	20	7	13	—	—
3285 perfumes & cleansers	36	9	27	—	—
3286 plastics	155	70	85	0	0
3291 pesticides	4	3	1	0	—
3292 starches, gluten, glue	55	40	15	—	—
3293 explosives	2	1	0	—	—
3297 chemical additives	3	0	2	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	39	18	21	0	0
Total crude materials, inedible except fuels	2,331	248	2,077	2	4
Subtotal forest products, wood and chips	189	164	25	0	0
4110 rubber & gums	3	3	0	—	—
4150 fuel wood	3	2	0	0	—
4161 wood chips	0	0	0	0	—
4170 wood in the rough	24	22	2	—	—
4189 lumber	148	128	20	0	—
4190 forest products nec	12	9	2	0	0
Subtotal pulp and waste paper	1,424	1	1,423	—	—
4225 pulp & waste paper	1,424	1	1,423	—	—
Subtotal soil, sand, gravel, rock and stone	53	49	2	2	—
4310 building stone	43	41	0	2	—
4322 limestone	2	2	—	0	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	8	6	2	0	—
Subtotal iron ore and scrap	530	25	505	—	—
4410 iron ore	1	0	1	—	—
4420 iron & steel scrap	529	25	504	—	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	64	2	61	—	0
4650 aluminum ore	1	1	0	—	—
4680 non-ferrous scrap	58	0	58	—	—
4690 non-ferrous ores nec	5	1	3	—	0
Subtotal sulphur, clay and salt	6	3	3	—	—
4741 sulphur, (dry)	1	1	0	—	—
4782 clay & refrac. mat.	5	2	3	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	65	4	57	0	3
4900 non-metal. min. nec	65	4	57	0	3
Total primary manufactured goods	1,070	722	342	6	0
Subtotal paper products	133	85	48	0	—
5110 newsprint	1	1	1	0	—
5120 paper & paperboard	90	55	34	—	—
5190 paper products nec	42	29	13	0	—
Subtotal lime, cement and glass	292	276	12	4	0
5210 lime	0	0	—	—	—
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	123	114	8	1	0
5290 misc. mineral prod.	169	162	4	4	0
Subtotal primary iron and steel products	78	41	36	0	—
5312 pig iron	2	1	0	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	25	9	16	—	—
5330 i&s plates & sheets	16	4	12	—	—
5360 i&s bars & shapes	10	8	2	—	—
5370 i&s pipe & tube	13	11	2	0	—
5390 primary i&s nec	12	7	5	—	—
Subtotal primary non-ferrous metal products	532	286	244	2	0
5421 copper	5	4	1	—	—
5422 aluminum	14	11	4	0	—
5429 smelted prod. nec	205	3	202	—	—
5480 fab. metal products	307	268	37	2	0
Subtotal primary wood products	36	34	2	0	—
5540 primary wood prod.	36	34	2	0	—

OAKLAND HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total food and farm products	3,872	1,081	2,776	9	6
Subtotal fish	41	16	24	0	0
6134 fish (not shellfish)	22	9	12	—	0
6136 shellfish	19	7	12	0	0
Subtotal grain	227	61	166	—	0
6241 wheat	0	0	0	—	0
6344 corn	9	1	8	—	—
6442 rice	216	60	156	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	1	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	27	5	22	0	—
6521 peanuts	1	0	0	0	—
6522 soybeans	6	1	5	—	—
6534 flaxseed	1	1	—	—	—
6590 oilseeds nec	20	3	17	—	—
Subtotal vegetable products	358	97	259	2	0
6653 vegetable oils	11	7	3	0	—
6654 vegetables & prod.	347	89	256	1	0
Subtotal processed grain and animal feed	407	30	376	0	—
6746 wheat flour	2	1	1	—	—
6747 grain mill products	58	23	36	0	—
6781 hay & fodder	227	4	223	—	—
6782 animal feed, prep.	120	2	117	—	—
Subtotal other agricultural products	2,813	872	1,929	7	6
6811 meat, fresh, frozen	411	45	366	—	—
6817 meat, prepared	26	4	22	—	—
6822 dairy products	45	10	35	0	—
6835 fish, prepared	12	12	1	0	—
6838 tallow, animal oils	1	0	1	—	—
6839 animals & prod. nec	130	5	125	—	0
6856 bananas & plantains	1	1	0	—	0
6857 fruit & nuts nec	505	46	456	0	3
6858 fruit juices	218	155	61	2	0
6861 sugar	5	4	1	0	—
6865 molasses	0	0	0	—	—
6871 coffee	83	82	1	0	—
6872 cocoa beans	17	16	0	1	—
6885 alcoholic beverages	616	329	282	3	2
6888 water & ice	100	32	68	0	—
6889 food products nec	342	119	223	1	—
6891 tobacco & products	55	2	53	—	—
6893 cotton	227	0	226	—	0
6894 natural fibers nec	3	1	1	—	—
6899 farm products nec	16	8	7	0	0
Total all manufactured equipment, machinery and products	2,050	1,748	299	2	0
7110 machinery (not elec)	162	107	54	1	0
7120 electrical machinery	294	266	28	0	0
7210 vehicles & parts	367	322	45	0	0
7220 aircraft & parts	2	1	1	—	—
7230 ships & boats	2	1	1	0	0
7300 ordnance & access.	2	2	0	0	—
7400 manufac. wood prod.	60	45	15	0	—
7500 textile products	212	195	17	0	0
7600 rubber & plastic pr.	189	150	39	0	—
7900 manufac. prod. nec	761	660	100	1	0
Total unknown or not elsewhere classified	265	162	102	1	0
9900 unknown or nec	265	162	102	1	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	2,564	315	1,106	1,115	28
Total petroleum and petroleum products	555	56	5	493	1
Subtotal petroleum products	555	56	5	493	1
2340 residual fuel oil	549	55	—	493	1
2350 lube oil & greases	3	0	3	—	—
2640 liquid natural gas	1	0	0	—	—
2990 petro. products nec	2	—	2	—	—
Total chemicals and related products	30	6	24	—	—
Subtotal fertilizers	12	3	8	—	—
3190 fert. & mixes nec	12	3	8	—	—
Subtotal other chemicals and related products	19	3	16	—	—
3275 inorg. elem., oxides, & halogen salts	2	—	2	—	—
3281 radioactive material	0	0	—	—	—
3282 pigments & paints	3	0	3	—	—
3284 medicines	1	0	1	—	—
3285 perfumes & cleansers	7	0	7	—	—

OAKLAND HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
3286 plastics	2	0	2	—	—
3291 pesticides	0	—	0	—	—
3293 explosives	0	—	0	—	—
3299 chem. products nec	4	2	2	—	—
Total crude materials, inedible except fuels	643	11	9	623	—
Subtotal forest products, wood and chips	17	10	7	—	—
4189 lumber	17	10	7	—	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	0	—	0	—	—
4225 pulp & waste paper	0	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	624	0	1	623	—
4331 sand & gravel	623	—	—	623	—
4338 soil & fill dirt	1	0	1	—	—
Subtotal iron ore and scrap	0	0	—	—	—
4420 iron & steel scrap	0	0	—	—	—
Subtotal other non-metal. min.	2	1	2	—	—
4900 non-metal. min. nec	2	1	2	—	—
Total primary manufactured goods	57	11	47	0	0
Subtotal paper products	8	1	7	—	—
5110 newsprint	0	0	0	—	—
5120 paper & paperboard	2	0	2	—	—
5190 paper products nec	6	1	5	—	—
Subtotal lime, cement and glass	24	5	19	—	—
5220 cement & concrete	2	0	1	—	—
5240 glass & glass prod.	0	0	0	—	—
5290 misc. mineral prod.	22	4	18	—	—
Subtotal primary iron and steel products	3	0	3	—	—
5370 i&s pipe & tube	3	0	3	—	—
Subtotal primary non-ferrous metal products	21	4	16	0	0
5480 fab. metal products	21	4	16	0	0
Subtotal primary wood products	2	0	1	—	—
5540 primary wood prod.	2	0	1	—	—
Total food and farm products	543	82	434	—	26
Subtotal fish	0	—	0	—	—
6134 fish (not shellfish)	0	—	0	—	—
Subtotal grain	40	—	40	—	—
6344 corn	0	—	0	—	—
6442 rice	40	—	40	—	—
Subtotal vegetable products	27	2	25	—	—
6654 vegetables & prod.	27	2	25	—	—
Subtotal processed grain and animal feed	16	2	14	—	—
6746 wheat flour	5	1	4	—	—
6747 grain mill products	1	0	1	—	—
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	10	1	8	—	—
Subtotal other agricultural products	459	78	354	—	26
6811 meat, fresh, frozen	45	1	44	—	—
6822 dairy products	31	1	30	—	—
6839 animals & prod. nec	13	5	7	—	—
6856 bananas & plantains	0	—	0	—	—
6857 fruit & nuts nec	6	5	2	—	—
6858 fruit juices	23	23	—	—	—
6861 sugar	1	0	0	—	—
6865 molasses	48	23	—	—	26
6871 coffee	4	2	2	—	—
6885 alcoholic beverages	51	0	50	—	—
6887 groceries	1	0	1	—	—
6888 water & ice	1	—	—	—	1
6889 food products nec	218	16	202	—	—
6891 tobacco & products	1	—	1	—	—
6899 farm products nec	17	2	15	—	—
Total all manufactured equipment, machinery and products	720	146	573	0	0
7110 machinery (not elec)	51	19	32	—	—
7120 electrical machinery	1	0	1	—	—
7210 vehicles & parts	139	35	104	0	0
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	0
7300 ordnance & access.	0	—	0	—	—
7400 manufac. wood prod.	19	6	13	—	0
7500 textile products	3	1	1	—	—
7600 rubber & plastic pr.	3	0	3	—	—
7900 manufac. prod. nec	504	85	419	—	0

OAKLAND HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total waste and scrap nec	0	0	---	0	---
8900 waste and scrap nec	0	0	---	0	---
Total unknown or not elsewhere classified	16	3	13	---	---
9900 unknown or nec	16	3	13	---	---

*Includes 60,916 tons of foreign inbound in-transits; Includes 27,281 tons of foreign outbound in-transits;
Includes 1,152 tons of Canadian inbound in-transits; Includes 115 tons of Canadian outbound in-transits.

RICHMOND HARBOR, CA

Section Included: Inner harbor, from southern end of Richmond Long Wharf maneuvering area to the head of Santa Fe Channel, a distance of about 5 miles; outer harbor, from southern end of maneuvering area at Richmond Long Wharf to Point San Pablo and the north side of Point San Pablo; includes a connecting channel (Southampton Channel) to the Richmond Long Wharf maneuvering area and approach areas at Point San Pablo and Point Orient. Controlling Depth: 45.7 feet in Southampton Channel (connecting channel from San Francisco Bay to Richmond Long Wharf maneuvering area); 44.7 feet in maneuvering area to Richmond Long Wharf; 34.8 feet from Richmond Long Wharf maneuvering area to turning basin Point Richmond; 34.8 feet in Point Richmond turning basin; 34.5 feet to Point Potrero; 34.0 feet in turning basin at Point Potrero; Point Potrero (southerly apex only) 28.7 feet; 34.7 feet to Lauritzen Canal then 30.4 feet in Santa Fe Channel to upper turning basin; 30.4 feet in upper turning basin; 27 feet in approach to Point Orient; 26 feet in approach to Point San Pablo; 30.6 feet at Molate Point; and 33.4 feet in West Richmond Channel. Project Depth: 45 feet in connecting channel (Southampton Channel) from San Francisco Bay to Richmond Long Wharf maneuvering area; 45 feet in maneuvering area to Richmond Long Wharf; 35 feet to turning basin at Point Richmond; 35 feet to Point Potrero; 35 feet to Santa Fe Channel; 35 feet in Santa Fe Channel for approximately 2,000 feet then 30 feet in the remainder of Santa Fe Channel and turning basin; 20 feet in channel east of Point San Pablo Channel; 32 feet in approach to Point Orient; 32 feet in approach to Point San Pablo.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	24,094	1997	21,706	2000	19,388	2003	23,001
1995	20,839	1998	19,020	2001	21,220		
1996	21,803	1999	22,356	2002	21,901		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total, all commodities	10,875	9,747	846	270	12
Total petroleum and petroleum products	9,565	9,115	425	13	12
Subtotal crude petroleum	8,191	8,184	---	7	---
2100 crude petroleum	8,191	8,184	---	7	---
Subtotal petroleum products	1,374	932	425	6	12
2211 gasoline	84	57	22	---	5
2221 kerosene	7	---	---	---	7
2330 distillate fuel oil	354	244	104	6	---
2340 residual fuel oil	561	511	49	---	---
2350 lube oil & greases	38	11	27	---	---
2410 petro. jelly & waxes	59	59	---	---	---
2429 naphtha & solvents	10	---	10	---	---
2540 petroleum coke	262	49	213	---	---
Total chemicals and related products	439	93	170	177	---
Subtotal fertilizers	3	3	---	---	---
3110 nitrogenous fert.	2	2	---	---	---
3190 fert. & mixes nec	1	1	---	---	---
Subtotal other chemicals and related products	437	90	170	177	---
3211 acyclic hydrocarbons	103	---	34	69	---
3212 benzene & toluene	12	12	---	---	---
3220 alcohols	40	---	---	40	---
3230 carboxylic acids	5	5	---	---	---
3250 organo - inorg. comp.	1	1	0	---	---
3260 organic comp. nec	57	48	---	9	---
3274 sodium hydroxide	25	25	---	---	---
3275 inorg. elem., oxides, & halogen salts	133	---	133	---	---
3285 perfumes & cleansers	1	---	1	---	---
3286 plastics	1	0	1	---	---
3299 chem. products nec	59	---	---	59	---
Total crude materials, inedible except fuels	696	383	233	80	---
Subtotal soil, sand, gravel, rock and stone	353	272	---	80	---
4310 building stone	0	0	---	---	---
4323 gypsum	272	272	---	---	---
4331 sand & gravel	80	---	---	80	---
Subtotal iron ore and scrap	173	---	173	---	---
4420 iron & steel scrap	173	---	173	---	---
Subtotal non-ferrous ores and scrap	171	111	59	---	---
4650 aluminum ore	111	111	---	---	---
4690 non-ferrous ores nec	59	---	59	---	---

RICHMOND HARBOR, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total primary manufactured goods	23	23	—	—	—
Subtotal paper products	0	0	—	—	—
5120 paper & paperboard	0	0	—	—	—
Subtotal lime, cement and glass	1	1	—	—	—
5240 glass & glass prod.	1	1	—	—	—
5290 misc. mineral prod.	0	0	—	—	—
Subtotal primary iron and steel products	22	22	—	—	—
5320 i&s primary forms	2	2	—	—	—
5330 i&s plates & sheets	1	1	—	—	—
5360 i&s bars & shapes	13	13	—	—	—
5370 i&s pipe & tube	7	7	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	0	0	—	—	—
5480 fab. metal products	0	0	—	—	—
Total food and farm products	148	129	19	—	—
Subtotal vegetable products	130	119	11	—	—
6653 vegetable oils	130	119	11	—	—
Subtotal processed grain and animal feed	0	—	0	—	—
6782 animal feed, prep.	0	—	0	—	—
Subtotal other agricultural products	18	10	8	—	—
6838 tallow, animal oils	8	—	8	—	—
6885 alcoholic beverages	0	0	—	—	—
6889 food products nec	10	10	—	—	—
Total all manufactured equipment, machinery and products	3	3	—	—	—
7110 machinery (not elec)	0	0	—	—	—
7120 electrical machinery	0	0	—	—	—
7210 vehicles & parts	1	1	—	—	—
7230 ships & boats	0	0	—	—	—
7500 textile products	0	0	—	—	—
7900 manufac. prod. nec	1	1	—	—	—
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	12,125	6,414	3,735	467	1,184	326
Total petroleum and petroleum products	11,433	6,331	3,433	300	1,042	326
Subtotal crude petroleum	5,250	5,250	—	—	—	—
2100 crude petroleum	5,250	5,250	—	—	—	—
Subtotal petroleum products	6,183	1,082	3,433	300	1,042	326
2211 gasoline	2,813	245	2,416	31	118	4
2330 distillate fuel oil	1,038	774	159	84	3	18
2340 residual fuel oil	1,738	43	341	175	919	260
2350 lube oil & greases	591	16	518	11	3	43
2429 naphtha & solvents	4	4	—	—	—	—
Total chemicals and related products	451	82	302	67	—	—
Subtotal other chemicals and related products	451	82	302	67	—	—
3211 acyclic hydrocarbons	28	—	28	—	—	—
3212 benzene & toluene	196	29	167	—	—	—
3220 alcohols	115	—	108	7	—	—
3274 sodium hydroxide	26	26	—	—	—	—
3297 chemical additives	87	26	—	60	—	—
Total crude materials, inedible except fuels	236	—	—	99	138	—
Subtotal soil, sand, gravel, rock and stone	236	—	—	99	138	—
4331 sand & gravel	236	—	—	99	138	—
Total primary manufactured goods	0	—	—	0	0	—
Subtotal primary non-ferrous metal products	0	—	—	0	0	—
5480 fab. metal products	0	—	—	0	0	—
Total food and farm products	4	—	—	1	4	—
Subtotal other agricultural products	4	—	—	1	4	—
6865 molasses	4	—	—	—	4	—
6888 water & ice	1	—	—	1	—	—
Total all manufactured equipment, machinery and products	0	—	—	0	—	—
7900 manufac. prod. nec	0	—	—	0	—	—

*Includes 483 tons of foreign inbound in-transits.

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

Section Included: All of San Pablo Bay and Mare Island Strait. Controlling Depth: Pinole Shoal channel 36.3 feet from San Pablo buoy at beginning of channel to buoy 9; 34.3 feet to buoy 11; 35.1 feet to end of channel; Mare Island Strait (the maintained westerly 55% of project width) 36.3 feet to the Navy Ammunition Pier; 35.8 feet to Finger Pier No. 21; 36.0 feet to "A" Street (end of maintained section); 20.5 feet to the end of 26-foot project at causeway. Project Depth: 35 feet in Pinole Shoal Channel and 30 feet in Mare Island Strait, except at upstream end of turning basin, 26 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	32,367	1997	22,480	2000	19,877	2003	24,601
1995	31,265	1998	20,198	2001	22,396		
1996	28,579	1999	18,612	2002	24,380		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Through	
				Upbound*	Downbnd*		Upbound	Downbnd
Total, all commodities	12,825	1,050	269	8,323	2,661	28	465	28
Total coal	5	---	---	---	---	---	5	---
1100 coal lignite	5	---	---	---	---	---	5	---
Total petroleum and petroleum products	7,694	1,045	268	4,619	1,605	3	126	28
Subtotal crude petroleum	5,360	992	46	4,105	143	---	74	---
2100 crude petroleum	5,360	992	46	4,105	143	---	74	---
Subtotal petroleum products	2,334	53	222	514	1,462	3	53	28
2211 gasoline	280	---	10	231	26	3	---	11
2221 kerosene	17	---	---	---	---	---	---	17
2330 distillate fuel oil	318	---	53	74	185	---	6	---
2340 residual fuel oil	626	---	101	106	408	---	11	---
2350 lube oil & greases	127	53	25	---	49	---	---	---
2410 petro. jelly & waxes	3	---	---	3	---	---	---	---
2429 naphtha & solvents	185	---	15	100	34	---	36	---
2430 asphalt, tar & pitch	17	---	17	---	---	---	---	---
2540 petroleum coke	761	---	---	---	761	---	---	---
Total chemicals and related products	1,987	5	1	1,380	241	25	334	---
Subtotal fertilizers	515	---	---	515	---	---	---	---
3110 nitrogenous fert.	482	---	---	482	---	---	---	---
3130 potassic fert.	13	---	---	13	---	---	---	---
3190 fert. & mixes nec	20	---	---	20	---	---	---	---
Subtotal other chemicals and related products	1,472	5	1	865	241	25	334	---
3211 acyclic hydrocarbons	121	---	1	---	33	25	62	---
3212 benzene & toluene	16	5	---	11	---	---	---	---
3220 alcohols	58	---	---	56	1	---	1	---
3230 carboxylic acids	1	---	---	0	0	---	---	---
3250 organo - inorg. comp.	1	---	---	---	1	---	1	---
3260 organic comp. nec	684	---	---	657	---	---	27	---
3273 ammonia	279	---	---	76	---	---	204	---
3274 sodium hydroxide	77	---	---	37	---	---	40	---
3275 inorg. elem., oxides, & halogen salts	201	---	---	1	200	---	---	---
3276 metallic salts	26	---	---	26	---	---	---	---
3282 pigments & paints	1	---	---	---	1	---	---	---
3286 plastics	0	---	---	0	---	---	---	---
3297 chemical additives	5	---	---	---	5	---	---	---
3299 chem. products nec	1	---	---	1	---	---	---	---
Total crude materials, inedible except fuels	588	---	---	250	337	---	---	---
Subtotal forest products, wood and chips	144	---	---	63	81	---	---	---
4161 wood chips	81	---	---	---	81	---	---	---
4170 wood in the rough	16	---	---	16	0	---	---	---
4189 lumber	47	---	---	47	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	188	---	---	188	---	---	---	---
4323 gypsum	185	---	---	185	---	---	---	---
4331 sand & gravel	3	---	---	3	---	---	---	---
Subtotal marine shells	0	---	---	0	---	---	---	---
4515 marine shells	0	---	---	0	---	---	---	---
Subtotal sulphur, clay and salt	256	---	---	---	256	---	---	---
4741 sulphur, (dry)	256	---	---	---	256	---	---	---
Total primary manufactured goods	1,195	---	---	1,187	8	---	---	---
Subtotal paper products	0	---	---	0	---	---	---	---
5120 paper & paperboard	0	---	---	0	---	---	---	---
Subtotal lime, cement and glass	548	---	---	548	---	---	---	---
5220 cement & concrete	548	---	---	548	---	---	---	---
5240 glass & glass prod.	0	---	---	0	---	---	---	---
5290 misc. mineral prod.	0	---	---	0	---	---	---	---
Subtotal primary iron and steel products	45	---	---	45	---	---	---	---
5320 i&s primary forms	2	---	---	2	---	---	---	---
5330 i&s plates & sheets	26	---	---	26	---	---	---	---
5360 i&s bars & shapes	5	---	---	5	---	---	---	---
5370 i&s pipe & tube	12	---	---	12	---	---	---	---

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Through	
				Upbound*	Downbnd*		Upbound	Downbnd
Subtotal primary non-ferrous metal products	578	---	---	570	8	---	---	---
5421 copper	2	---	---	2	---	---	---	---
5422 aluminum	0	---	---	0	---	---	---	---
5480 fab. metal products	575	---	---	568	8	---	---	---
Subtotal primary wood products	24	---	---	24	---	---	---	---
5540 primary wood prod.	24	---	---	24	---	---	---	---
Total food and farm products	1,240	---	---	773	467	---	---	---
Subtotal grain	478	---	---	28	450	---	---	---
6241 wheat	52	---	---	---	52	---	---	---
6344 corn	1	---	---	1	---	---	---	---
6442 rice	425	---	---	27	398	---	---	---
Subtotal oilseeds	75	---	---	66	9	---	---	---
6590 oilseeds nec	75	---	---	66	9	---	---	---
Subtotal vegetable products	26	---	---	23	3	---	---	---
6653 vegetable oils	26	---	---	23	3	---	---	---
Subtotal processed grain and animal feed	40	---	---	40	---	---	---	---
6781 hay & fodder	40	---	---	40	---	---	---	---
Subtotal other agricultural products	620	---	---	614	5	---	---	---
6838 tallow, animal oils	5	---	---	---	5	---	---	---
6858 fruit juices	0	---	---	0	---	---	---	---
6861 sugar	435	---	---	435	---	---	---	---
6865 molasses	163	---	---	163	---	---	---	---
6885 alcoholic beverages	0	---	---	0	---	---	---	---
6889 food products nec	17	---	---	17	---	---	---	---
Total all manufactured equipment, machinery and products	109	---	---	107	2	---	---	---
7110 machinery (not elec)	5	---	---	3	2	---	---	---
7120 electrical machinery	5	---	---	5	---	---	---	---
7210 vehicles & parts	96	---	---	96	---	---	---	---
7230 ships & boats	0	---	---	0	---	---	---	---
7400 manufac. wood prod.	0	---	---	0	---	---	---	---
7500 textile products	0	---	---	---	0	---	---	---
7600 rubber & plastic pr.	1	---	---	0	0	---	---	---
7900 manufac. prod. nec	1	---	---	1	---	---	---	---
Total unknown or not elsewhere classified	8	---	---	8	---	---	---	---
9900 unknown or nec	8	---	---	8	---	---	---	---
Ton-miles (x1000) Foreign & Canadian	128,245	10,503	2,688	83,233	26,610	283	4,651	278

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	9,975	154	434	7,369	2,019
Total petroleum and petroleum products	9,534	154	422	7,230	1,728
Subtotal crude petroleum	6,562	---	---	6,554	9
2100 crude petroleum	6,562	---	---	6,554	9
Subtotal petroleum products	2,972	154	422	677	1,719
2211 gasoline	1,662	134	116	232	1,180
2330 distillate fuel oil	765	---	163	275	327
2340 residual fuel oil	404	---	112	139	153
2350 lube oil & greases	66	---	18	22	26
2429 naphtha & solvents	55	---	13	8	34
2990 petro. products nec	20	20	---	---	---
Total chemicals and related products	406	---	12	104	291
Subtotal other chemicals and related products	406	---	12	104	291
3212 benzene & toluene	16	---	---	5	11
3220 alcohols	296	---	6	29	261
3297 chemical additives	94	---	6	69	19
Total food and farm products	34	---	---	34	---
Subtotal other agricultural products	34	---	---	34	---
6861 sugar	34	---	---	34	---
Total all manufactured equipment, machinery and products	1	---	---	1	---
7300 ordnance & access.	1	---	---	1	---
Ton-miles (x1000) Coastwise	99,748	1,537	4,335	73,688	20,188

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,801	298	26	22	102	761	593
Total petroleum and petroleum products	1,001	298	26	22	102	258	296
Subtotal crude petroleum	253	243	—	—	—	10	—
2100 crude petroleum	253	243	—	—	—	10	—
Subtotal petroleum products	748	55	26	22	102	248	296
2211 gasoline	173	16	16	—	—	102	39
2330 distillate fuel oil	124	—	—	—	14	3	107
2340 residual fuel oil	429	39	10	12	78	142	149
2350 lube oil & greases	11	—	—	—	11	—	—
2429 naphtha & solvents	11	—	—	11	—	—	—
Total chemicals and related products	67	—	—	—	—	—	67
Subtotal other chemicals and related products	67	—	—	—	—	—	67
3220 alcohols	7	—	—	—	—	—	7
3297 chemical additives	60	—	—	—	—	—	60
Total crude materials, inedible except fuels	667	—	—	—	—	462	205
Subtotal soil, sand, gravel, rock and stone	638	—	—	—	—	433	205
4331 sand & gravel	638	—	—	—	—	433	205
Subtotal marine shells	29	—	—	—	—	29	—
4515 marine shells	29	—	—	—	—	29	—
Total primary manufactured goods	25	—	—	—	—	—	25
Subtotal lime, cement and glass	21	—	—	—	—	—	21
5290 misc. mineral prod.	21	—	—	—	—	—	21
Subtotal primary non-ferrous metal products	4	—	—	—	—	—	4
5480 fab. metal products	4	—	—	—	—	—	4
Total food and farm products	41	—	—	—	—	41	—
Subtotal other agricultural products	41	—	—	—	—	41	—
6865 molasses	41	—	—	—	—	41	—
Ton-miles (x1000)	15,845	2,977	0	106	1,020	7,345	4,395
Internal							
Tons All Traffic (x1000)	24,601						
Ton-miles All Traffic (x1000)	243,838						
Total Trip-ton-miles Internal and Inraport (x1000)	61,401						

*Includes 84 tons of foreign upbound through in-transits; Includes 27,869 tons of foreign downbound through in-transits.

CARQUINEZ STRAIT, CA

Section Included: All of Carquinez Strait from Davis Point on the westerly end to the Benicia-Martinez Bridge at Suisun Point on the easterly end, a distance of about 8 miles. Controlling Depth: 33 feet. Project Depth: 45 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	26,118	1997	20,421	2000	18,435	2003	22,458
1995	26,931	1998	19,539	2001	20,203		
1996	24,841	1999	17,388	2002	21,948		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
Total, all commodities	11,477	4,914	986	3,409	1,675	144	11	321	17
Total coal	5	—	—	—	—	—	—	5	—
1100 coal lignite	5	—	—	—	—	—	—	5	—
Total petroleum and petroleum products	6,378	3,763	767	855	838	66	11	60	17
Subtotal crude petroleum	4,322	3,427	143	678	—	24	—	50	—
2100 crude petroleum	4,322	3,427	143	678	—	24	—	50	—
Subtotal petroleum products	2,056	337	624	177	838	42	11	11	17
2211 gasoline	267	154	26	77	—	—	11	—	—
2221 kerosene	17	—	—	—	—	—	—	—	17
2330 distillate fuel oil	265	38	175	36	10	6	—	—	—
2340 residual fuel oil	524	74	216	31	192	—	—	11	—
2350 lube oil & greases	49	—	37	—	12	—	—	—	—
2410 petro. jelly & waxes	3	3	—	—	—	—	—	—	—
2429 naphtha & solvents	170	67	34	33	—	36	—	—	—
2540 petroleum coke	761	—	136	—	625	—	—	—	—

CARQUINEZ STRAIT, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through Upbound*	Downbnd*	Inbound	Outbound	Through Upbound	Downbnd
Total chemicals and related products	1,956	626	209	753	32	78	---	256	---
Subtotal fertilizers	515	---	---	515	---	---	---	---	---
3110 nitrogenous fert.	482	---	---	482	---	---	---	---	---
3130 potassic fert.	13	---	---	13	---	---	---	---	---
3190 fert. & mixes nec	20	---	---	20	---	---	---	---	---
Subtotal other chemicals and related products	1,440	626	209	238	32	78	---	256	---
3211 acyclic hydrocarbons	95	---	19	---	14	62	---	---	---
3212 benzene & toluene	11	---	---	11	---	---	---	---	---
3220 alcohols	58	56	1	---	---	---	1	---	---
3230 carboxylic acids	1	0	0	---	---	---	---	---	---
3250 organo - inorg. comp.	1	---	1	---	0	---	---	1	---
3260 organic comp. nec	684	548	---	109	---	17	---	10	---
3273 ammonia	279	---	---	76	---	---	---	204	---
3274 sodium hydroxide	77	21	---	15	---	---	---	40	---
3275 inorg. elem., oxides, & halogen salts	201	---	183	1	17	---	---	---	---
3276 metallic salts	26	---	---	26	---	---	---	---	---
3282 pigments & paints	1	---	---	---	1	---	---	---	---
3286 plastics	0	---	---	0	---	---	---	---	---
3297 chemical additives	5	---	5	---	---	---	---	---	---
3299 chem. products nec	1	1	---	0	---	---	---	---	---
Total crude materials, inedible except fuels	588	---	---	250	337	---	---	---	---
Subtotal forest products, wood and chips	144	---	---	63	81	---	---	---	---
4161 wood chips	81	---	---	---	81	---	---	---	---
4170 wood in the rough	16	---	---	16	0	---	---	---	---
4189 lumber	47	---	---	47	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	188	---	---	188	---	---	---	---	---
4323 gypsum	185	---	---	185	---	---	---	---	---
4331 sand & gravel	3	---	---	3	---	---	---	---	---
Subtotal marine shells	0	---	---	0	---	---	---	---	---
4515 marine shells	0	---	---	0	---	---	---	---	---
Subtotal sulphur, clay and salt	256	---	---	---	256	---	---	---	---
4741 sulphur, (dry)	256	---	---	---	256	---	---	---	---
Total primary manufactured goods	1,195	---	6	1,187	2	---	---	---	---
Subtotal paper products	0	---	---	0	---	---	---	---	---
5120 paper & paperboard	0	---	---	0	---	---	---	---	---
Subtotal lime, cement and glass	548	---	---	548	---	---	---	---	---
5220 cement & concrete	548	---	---	548	---	---	---	---	---
5240 glass & glass prod.	0	---	---	0	---	---	---	---	---
5290 misc. mineral prod.	0	---	---	0	---	---	---	---	---
Subtotal primary iron and steel products	45	---	---	45	---	---	---	---	---
5320 i&s primary forms	2	---	---	2	---	---	---	---	---
5330 i&s plates & sheets	26	---	---	26	---	---	---	---	---
5360 i&s bars & shapes	5	---	---	5	---	---	---	---	---
5370 i&s pipe & tube	12	---	---	12	---	---	---	---	---
Subtotal primary non-ferrous metal products	578	---	6	570	2	---	---	---	---
5421 copper	2	---	---	2	---	---	---	---	---
5422 aluminum	0	---	---	0	---	---	---	---	---
5480 fab. metal products	575	---	6	568	2	---	---	---	---
Subtotal primary wood products	24	---	---	24	---	---	---	---	---
5540 primary wood prod.	24	---	---	24	---	---	---	---	---
Total food and farm products	1,240	423	4	349	464	---	---	---	---
Subtotal grain	478	---	---	28	450	---	---	---	---
6241 wheat	52	---	---	---	52	---	---	---	---
6344 corn	1	---	---	1	---	---	---	---	---
6442 rice	425	---	---	27	398	---	---	---	---
Subtotal oilseeds	75	---	---	66	9	---	---	---	---
6590 oilseeds nec	75	---	---	66	9	---	---	---	---
Subtotal vegetable products	26	0	2	23	1	---	---	---	---
6653 vegetable oils	26	0	2	23	1	---	---	---	---
Subtotal processed grain and animal feed	40	---	---	40	---	---	---	---	---
6781 hay & fodder	40	---	---	40	---	---	---	---	---
Subtotal other agricultural products	620	423	2	191	4	---	---	---	---
6838 tallow, animal oils	5	---	2	---	4	---	---	---	---
6858 fruit juices	0	---	---	0	---	---	---	---	---
6861 sugar	435	407	---	28	---	---	---	---	---
6865 molasses	163	---	---	163	---	---	---	---	---

CARQUINEZ STRAIT, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
6885 alcoholic beverages	0	—	—	0	—	—	—	—	—
6889 food products nec	17	17	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	109	96	—	11	2	—	—	—	—
7110 machinery (not elec)	5	—	—	3	2	—	—	—	—
7120 electrical machinery	5	—	—	5	—	—	—	—	—
7210 vehicles & parts	96	96	—	—	—	—	—	—	—
7230 ships & boats	0	—	—	0	—	—	—	—	—
7400 manufac. wood prod.	0	—	—	0	—	—	—	—	—
7500 textile products	0	—	—	—	0	—	—	—	—
7600 rubber & plastic pr.	1	—	—	0	0	—	—	—	—
7900 manufac. prod. nec	1	—	—	1	—	—	—	—	—
Total unknown or not elsewhere classified	8	4	—	3	—	—	—	—	—
9900 unknown or nec	8	4	—	3	—	—	—	—	—
Ton-miles (x1000) Foreign & Canadian	80,340	34,397	6,900	23,866	11,727	1,011	75	2,244	119

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	9,388	6,970	904	399	1,115
Total petroleum and petroleum products	8,958	6,847	628	383	1,100
Subtotal crude petroleum	6,562	6,376	—	178	9
2100 crude petroleum	6,562	6,376	—	178	9
Subtotal petroleum products	2,396	472	628	205	1,091
2211 gasoline	1,412	132	457	100	723
2330 distillate fuel oil	602	219	89	57	238
2340 residual fuel oil	292	108	45	32	108
2350 lube oil & greases	48	6	26	16	—
2429 naphtha & solvents	42	8	11	—	22
Total chemicals and related products	394	88	275	15	15
Subtotal other chemicals and related products	394	88	275	15	15
3212 benzene & toluene	16	—	—	5	11
3220 alcohols	290	29	256	—	5
3297 chemical additives	89	59	19	10	—
Total food and farm products	34	34	—	—	—
Subtotal other agricultural products	34	34	—	—	—
6861 sugar	34	34	—	—	—
Total all manufactured equipment, machinery and products	1	—	—	1	—
7300 ordnance & access.	1	—	—	1	—
Ton-miles (x1000) Coastwise	62,802	47,871	4,330	2,795	7,806

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,593	115	15	83	249	602	474	39	16
Total petroleum and petroleum products	733	82	15	66	182	198	140	35	16
Subtotal crude petroleum	25	—	15	—	—	10	—	—	—
2100 crude petroleum	25	—	15	—	—	10	—	—	—
Subtotal petroleum products	708	82	—	66	182	188	140	35	16
2211 gasoline	205	56	—	24	15	46	41	8	16
2330 distillate fuel oil	136	—	—	9	77	3	30	17	—
2340 residual fuel oil	341	15	—	18	89	139	69	10	—
2350 lube oil & greases	16	—	—	16	—	—	—	—	—
2429 naphtha & solvents	11	11	—	—	—	—	—	—	—
Total chemicals and related products	89	—	—	17	67	—	—	4	—
Subtotal other chemicals and related products	89	—	—	17	67	—	—	4	—
3220 alcohols	7	—	—	—	7	—	—	—	—
3297 chemical additives	82	—	—	17	60	—	—	4	—

CARQUINEZ STRAIT, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total crude materials, inedible except fuels	730	33	---	---	---	364	334	---	---
Subtotal soil, sand, gravel, rock and stone	712	33	---	---	---	345	334	---	---
4331 sand & gravel	712	33	---	---	---	345	334	---	---
Subtotal marine shells	19	---	---	---	---	19	---	---	---
4515 marine shells	19	---	---	---	---	19	---	---	---
Total food and farm products	41	---	---	---	---	41	---	---	---
Subtotal other agricultural products	41	---	---	---	---	41	---	---	---
6865 molasses	41	---	---	---	---	41	---	---	---
Ton-miles (x1000) Internal	9,592	457	0	187	1,169	4,217	3,317	150	97
Tons All Traffic (x1000)		22,458							
Ton-miles All Traffic (x1000)		152,734							
Total Trip-ton-miles Internal and Intraport (x1000)		53,319							

*Includes 84 tons of foreign upbound through in-transits; Includes 27,869 tons of foreign downbound through in-transits.

SUISUN BAY CHANNEL, CA

Section Included: Suisun Bay Channel from Suisun Point at west end of Benicia-Martinez Bridge to East Reach of Middleground Island thence to mouth of New York Slough. Controlling Depth: 35.0 feet from Suisun Point to Avon Wharf; 35.0 feet to Preston Point; 35.0 feet to Middle Point; 35.0 feet through East Reach Middleground Island, 38.0 feet to mouth of New York Slough, 35.0 feet thru New York Slough. Project Depth: 35 feet from Benicia-Martinez Bridge to Avon Pier, 30 feet for remainder of channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	7,556	1997	6,752	2000	6,515	2003	8,155
1995	7,012	1998	6,644	2001	6,419		
1996	7,407	1999	5,728	2002	8,469		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound*	Downbnd*			
Total, all commodities	5,422	964	223	2,445	1,452	71	17	250
Total coal	5	---	---	---	---	---	---	5
1100 coal lignite	5	---	---	---	---	---	---	5
Total petroleum and petroleum products	1,771	855	213	---	625	60	17	---
Subtotal crude petroleum	728	678	---	---	---	50	---	---
2100 crude petroleum	728	678	---	---	---	50	---	---
Subtotal petroleum products	1,043	177	213	---	625	11	17	---
2211 gasoline	77	77	---	---	---	---	---	---
2221 kerosene	17	---	---	---	---	---	17	---
2330 distillate fuel oil	46	36	10	---	---	---	---	---
2340 residual fuel oil	234	31	192	---	---	11	---	---
2350 lube oil & greases	12	---	11	---	1	---	---	---
2429 naphtha & solvents	33	33	---	---	---	---	---	---
2540 petroleum coke	625	---	---	---	625	---	---	---
Total chemicals and related products	1,041	109	10	645	22	10	---	245
Subtotal fertilizers	515	---	---	515	---	---	---	---
3110 nitrogenous fert.	482	---	---	482	---	---	---	---
3130 potassic fert.	13	---	---	13	---	---	---	---
3190 fert. & mixes nec	20	---	---	20	---	---	---	---
Subtotal other chemicals and related products	526	109	10	129	22	10	---	245
3211 acyclic hydrocarbons	14	---	10	---	4	---	---	---
3212 benzene & toluene	11	---	---	11	---	---	---	---
3220 alcohols	1	---	---	---	---	---	---	1
3250 organo - inorg. comp.	1	---	---	---	0	---	---	1
3260 organic comp. nec	119	109	---	---	---	10	---	---
3273 ammonia	279	---	---	76	---	---	---	204
3274 sodium hydroxide	56	---	---	15	---	---	---	40
3275 inorg. elem., oxides, & halogen salts	18	---	---	1	17	---	---	---
3276 metallic salts	26	---	---	26	---	---	---	---
3282 pigments & paints	1	---	1	---	---	---	---	---
3286 plastics	0	---	---	0	---	---	---	---
3299 chem. products nec	0	---	---	0	---	---	---	---

SUISUN BAY CHANNEL, CA
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through Upbound*	Downbnd*	Inbound	Outbound	Through Upbound
Total crude materials, inedible except fuels	588	---	---	250	337	---	---	---
Subtotal forest products, wood and chips	144	---	---	63	81	---	---	---
4161 wood chips	81	---	---	---	81	---	---	---
4170 wood in the rough	16	---	---	16	0	---	---	---
4189 lumber	47	---	---	47	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	188	---	---	188	---	---	---	---
4323 gypsum	185	---	---	185	---	---	---	---
4331 sand & gravel	3	---	---	3	---	---	---	---
Subtotal marine shells	0	---	---	0	---	---	---	---
4515 marine shells	0	---	---	0	---	---	---	---
Subtotal sulphur, clay and salt	256	---	---	---	256	---	---	---
4741 sulphur, (dry)	256	---	---	---	256	---	---	---
Total primary manufactured goods	1,189	---	---	1,187	2	---	---	---
Subtotal paper products	0	---	---	0	---	---	---	---
5120 paper & paperboard	0	---	---	0	---	---	---	---
Subtotal lime, cement and glass	548	---	---	548	---	---	---	---
5220 cement & concrete	548	---	---	548	---	---	---	---
5240 glass & glass prod.	0	---	---	0	---	---	---	---
5290 misc. mineral prod.	0	---	---	0	---	---	---	---
Subtotal primary iron and steel products	45	---	---	45	---	---	---	---
5320 i&s primary forms	2	---	---	2	---	---	---	---
5330 i&s plates & sheets	26	---	---	26	---	---	---	---
5360 i&s bars & shapes	5	---	---	5	---	---	---	---
5370 i&s pipe & tube	12	---	---	12	---	---	---	---
Subtotal primary non-ferrous metal products	571	---	---	570	2	---	---	---
5421 copper	2	---	---	2	---	---	---	---
5422 aluminum	0	---	---	0	---	---	---	---
5480 fab. metal products	569	---	---	568	2	---	---	---
Subtotal primary wood products	24	---	---	24	---	---	---	---
5540 primary wood prod.	24	---	---	24	---	---	---	---
Total food and farm products	813	---	---	349	464	---	---	---
Subtotal grain	478	---	---	28	450	---	---	---
6241 wheat	52	---	---	---	52	---	---	---
6344 corn	1	---	---	1	---	---	---	---
6442 rice	425	---	---	27	398	---	---	---
Subtotal oilseeds	75	---	---	66	9	---	---	---
6590 oilseeds nec	75	---	---	66	9	---	---	---
Subtotal vegetable products	24	---	---	23	1	---	---	---
6653 vegetable oils	24	---	---	23	1	---	---	---
Subtotal processed grain and animal feed	40	---	---	40	---	---	---	---
6781 hay & fodder	40	---	---	40	---	---	---	---
Subtotal other agricultural products	195	---	---	191	4	---	---	---
6838 tallow, animal oils	4	---	---	---	4	---	---	---
6858 fruit juices	0	---	---	0	---	---	---	---
6861 sugar	28	---	---	28	---	---	---	---
6865 molasses	163	---	---	163	---	---	---	---
6885 alcoholic beverages	0	---	---	0	---	---	---	---
Total all manufactured equipment, machinery and products	13	---	---	11	2	---	---	---
7110 machinery (not elec)	5	---	---	3	2	---	---	---
7120 electrical machinery	5	---	---	5	---	---	---	---
7230 ships & boats	0	---	---	0	---	---	---	---
7400 manufac. wood prod.	0	---	---	0	---	---	---	---
7500 textile products	0	---	---	---	0	---	---	---
7600 rubber & plastic pr.	1	---	---	0	0	---	---	---
7900 manufac. prod. nec	1	---	---	1	---	---	---	---
Total unknown or not elsewhere classified	3	---	---	3	---	---	---	---
9900 unknown or nec	3	---	---	3	---	---	---	---
Ton-miles (x1000) Foreign & Canadian	64,759	1,928	446	36,679	21,782	141	34	3,748

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,514	399	1,115
Total petroleum and petroleum products	1,483	383	1,100
Subtotal crude petroleum	187	178	9
2100 crude petroleum	187	178	9

SUISUN BAY CHANNEL, CA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
Subtotal petroleum products	1,296	205	1,091
2211 gasoline	823	100	723
2330 distillate fuel oil	295	57	238
2340 residual fuel oil	140	32	108
2350 lube oil & greases	16	16	—
2429 naphtha & solvents	22	—	22
Total chemicals and related products	31	15	15
Subtotal other chemicals and related products	31	15	15
3212 benzene & toluene	16	5	11
3220 alcohols	5	—	5
3297 chemical additives	10	10	—
Total all manufactured equipment, machinery and products	1	1	—
7300 ordnance & access.	1	1	—
Ton-miles (x1000)	2,446	516	1,931
Coastwise			

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Upbound	Downbnd	Upbound	Downbnd	Intra Downbnd
Total, all commodities	1,218	531	4	485	155	4	40
Total petroleum and petroleum products	418	263	—	151	—	4	—
Subtotal crude petroleum	25	10	—	15	—	—	—
2100 crude petroleum	25	10	—	15	—	—	—
Subtotal petroleum products	393	253	—	136	—	4	—
2211 gasoline	110	69	—	41	—	—	—
2330 distillate fuel oil	42	12	—	30	—	—	—
2340 residual fuel oil	226	156	—	66	—	4	—
2350 lube oil & greases	16	16	—	—	—	—	—
Total chemicals and related products	17	17	—	—	—	—	—
Subtotal other chemicals and related products	17	17	—	—	—	—	—
3297 chemical additives	17	17	—	—	—	—	—
Total crude materials, inedible except fuels	742	250	4	334	114	—	40
Subtotal soil, sand, gravel, rock and stone	723	250	4	334	95	—	40
4331 sand & gravel	723	250	4	334	95	—	40
Subtotal marine shells	19	—	—	—	19	—	—
4515 marine shells	19	—	—	—	19	—	—
Total food and farm products	41	—	—	—	41	—	—
Subtotal other agricultural products	41	—	—	—	41	—	—
6865 molasses	41	—	—	—	41	—	—
Ton-miles (x1000)	5,960	305	27	2,850	2,325	53	401
Internal							
Tons All Traffic (x1000)	8,155						
Ton-miles All Traffic (x1000)	73,165						
Total Trip-ton-miles Internal and Intraport (x1000)	43,745						

*Includes 84 tons of foreign upbound through in-transits; Includes 27,869 tons of foreign downbound through in-transits.

PETALUMA RIVER, CA

Section Included: From across the flats in San Pablo Bay to the mouth of the Petaluma River a distance of 5.3 miles with a controlling depth of 7.0 feet. from the mouth of the river to Western Ave. a distance of 13 miles with a controlling depth of 8.0 feet and 270 feet above Western Ave. A controlling depth of 4.0 feet. Project Depth is 8.0 feet, except for 200 feet above Western Ave. which is 4.0 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	232	1997	216	2000	325	2003	292
1995	196	1998	280	2001	322		
1996	208	1999	326	2002	323		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	292	271	21
Total crude materials, inedible except fuels	271	271	—
Subtotal soil, sand, gravel, rock and stone	260	260	—
4331 sand & gravel	260	260	—
Subtotal marine shells	11	11	—
4515 marine shells	11	11	—
Total primary manufactured goods	21	—	21
Subtotal lime, cement and glass	21	—	21
5290 misc. mineral prod.	21	—	21
Ton-miles (x1000)	3,209	2,980	229

Tons All Traffic (x1000) 292
 Ton-miles All Traffic (x1000) 3,209
 Total Trip-ton-miles Internal and Intraport (x1000) 9,343

HUMBOLDT HARBOR AND BAY, CA

Section Included: Entrance channel to bay and channels in bay between Arcata Wharf on the north and Fields Landing on the south. Controlling Depth: Bar entrance channel, 45.1 feet; channel between the jetties, 35.0 feet; channel at intersection of Fields Landing and North Bay Channel, 27.5 feet, North Bay Channel, 34.8 feet to Standard Oil Wharf at Bucksport, 34.5 feet for remainder of channel; Samoa Channel, 34.6 feet; 30.0 feet in Samoa Turning Basin; Eureka Channel, 29.3 feet to angle in channel, 11.5 feet to "D" Street, 8.9 feet to head of project; Fields Landing Channel, 26.3 feet to Buhne Point, 29.6 feet at Buhne Point; 28.0 feet to turning basin, 28.5 feet in turning basin, 19.6 feet in southeast corner of turning basin. Project Depth: Entrance channel, 40 feet; North Bay, Samoa, and lower portion of Eureka Channel 30 feet, upper portion of Eureka Channel and Fields Landing Channel, 26 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,407	1997	1,175	2000	1,063	2003	1,042
1995	1,220	1998	1,072	2001	950		
1996	1,197	1999	1,302	2002	920		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Total, all commodities	1,042	22	211	143	4	663	589	74
Total petroleum and petroleum products	252	—	—	—	—	252	252	—
Subtotal petroleum products	252	—	—	—	—	252	252	—
2211 gasoline	252	—	—	—	—	252	252	—
Total chemicals and related products	12	12	—	—	—	—	—	—
Subtotal fertilizers	12	12	—	—	—	—	—	—
3110 nitrogenous fert.	12	12	—	—	—	—	—	—
Subtotal other chemicals and related products	0	0	—	—	—	—	—	—
3240 nitrogen func. comp.	0	0	—	—	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—	—	—
Total crude materials, inedible except fuels	760	0	202	143	4	411	337	74
Subtotal forest products, wood and chips	556	0	2	143	0	411	337	74
4150 fuel wood	4	—	—	4	—	—	—	—
4161 wood chips	79	—	—	4	—	74	—	74
4170 wood in the rough	472	—	—	135	0	337	337	—
4189 lumber	2	0	2	—	—	—	—	—
Subtotal pulp and waste paper	204	—	200	—	4	—	—	—
4225 pulp & waste paper	204	—	200	—	4	—	—	—

HUMBOLDT HARBOR AND BAY, CA
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Total primary manufactured goods	15	9	6	---	---	---	---	---
Subtotal paper products	9	3	6	---	---	---	---	---
5110 newsprint	3	3	---	---	---	---	---	---
5120 paper & paperboard	6	---	6	---	---	---	---	---
Subtotal lime, cement and glass	0	0	---	---	---	---	---	---
5240 glass & glass prod.	0	0	---	---	---	---	---	---
Subtotal primary iron and steel products	6	6	---	---	---	---	---	---
5320 i&s primary forms	0	0	---	---	---	---	---	---
5330 i&s plates & sheets	1	1	---	---	---	---	---	---
5360 i&s bars & shapes	1	1	---	---	---	---	---	---
5370 i&s pipe & tube	5	5	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---	---	---
Subtotal primary wood products	0	---	0	---	---	---	---	---
5540 primary wood prod.	0	---	0	---	---	---	---	---
Total food and farm products	0	0	---	---	---	---	---	---
Subtotal processed grain and animal feed	0	0	---	---	---	---	---	---
6747 grain mill products	0	0	---	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---	---	---
6871 coffee	0	0	---	---	---	---	---	---
6885 alcoholic beverages	0	0	---	---	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	1	0	1	0	---	---	---	---
7110 machinery (not elec)	0	0	---	0	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---	---	---
7400 manufac. wood prod.	1	0	1	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---
Total unknown or not elsewhere classified	2	---	2	0	---	---	---	---
9900 unknown or nec	2	---	2	0	---	---	---	---

*Includes 7,558 tons of foreign outbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
BERKELEY, CA	No Commerce Reported	
BODEGA BAY, CA	No Commerce Reported	
CRESCENT CITY HARBOR, CA	No Commerce Reported	
MONTEREY HARBOR, CA	8900 waste and scrap nec	0
	Total Tons(x1000)	0
MOSS LANDING HARBOR, CA	No Commerce Reported	
NAPA RIVER, CA	4331 sand & gravel	129
	5480 fab. metal products	1
	Total Tons(x1000)	130
	Total Ton-miles(x1000)	1,299
	Total Trip-ton-miles Internal and Intraport (x1000)	4,293
NOYO RIVER, CA	No Commerce Reported	
PILLAR POINT HARBOR, CA	No Commerce Reported	
SAN LEANDRO MARINA, CA	4515 marine shells	29
	Total Tons(x1000)	29
SAN RAFAEL CREEK, CA	No Commerce Reported	
SANTA CRUZ HARBOR, CA	No Commerce Reported	
SUISUN CHANNEL, CA	No Commerce Reported	
Non-project		
OTHER SAN FRANCISCO BAY AREA PORTS, CA (NET)	2100 crude petroleum	364
	2211 gasoline	28
	2330 distillate fuel oil	37
	2340 residual fuel oil	280
	2350 lube oil & greases	3
	2429 naphtha & solvents	21
	4331 sand & gravel	1,475
	4515 marine shells	29
	5290 misc. mineral prod.	21
	5480 fab. metal products	4
	6865 molasses	12
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	2,273

HILO HARBOR, HAWAII IS., HI

Section Included: Port of Hilo. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,455	1997	1,489	2000	1,651	2003	1,850
1995	1,354	1998	1,630	2001	1,680		
1996	1,442	1999	1,701	2002	1,765		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,850	1,300	549
Total petroleum and petroleum products	373	373	0
Subtotal petroleum products	373	373	0
2211 gasoline	108	108	—
2330 distillate fuel oil	75	75	—
2340 residual fuel oil	122	122	—
2350 lube oil & greases	0	0	0
2429 naphtha & solvents	54	54	—
2640 liquid natural gas	14	14	—
2990 petro. products nec	0	0	—
Total chemicals and related products	22	11	10
Subtotal fertilizers	18	8	10
3120 phosphatic fert.	0	0	—
3190 fert. & mixes nec	18	8	10
Subtotal other chemicals and related products	3	3	0
3281 radioactive material	0	—	0
3282 pigments & paints	1	1	0
3284 medicines	1	1	—
3285 perfumes & cleansers	0	0	—
3286 plastics	1	1	0
3293 explosives	0	0	—
3299 chem. products nec	0	0	—
Total crude materials, inedible except fuels	54	39	15
Subtotal forest products, wood and chips	48	38	11
4189 lumber	48	37	11
4190 forest products nec	0	0	—
Subtotal pulp and waste paper	0	0	—
4225 pulp & waste paper	0	0	—
Subtotal soil, sand, gravel, rock and stone	1	1	—
4338 soil & fill dirt	1	1	—
Subtotal iron ore and scrap	4	—	4
4420 iron & steel scrap	4	—	4
Subtotal other non-metal. min.	0	0	—
4900 non-metal. min. nec	0	0	—
Total primary manufactured goods	923	516	407
Subtotal paper products	13	11	2
5120 paper & paperboard	0	0	—
5190 paper products nec	13	11	2
Subtotal lime, cement and glass	27	27	0
5220 cement & concrete	22	22	0
5240 glass & glass prod.	0	0	—
5290 misc. mineral prod.	5	5	0
Subtotal primary iron and steel products	2	2	0
5360 i&s bars & shapes	1	1	0
5370 i&s pipe & tube	1	1	0
Subtotal primary non-ferrous metal products	880	475	404
5480 fab. metal products	880	475	404
Subtotal primary wood products	0	0	—
5540 primary wood prod.	0	0	—
Total food and farm products	169	123	46
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	3	3	0
6442 rice	3	3	0
Subtotal vegetable products	6	3	3
6654 vegetables & prod.	6	3	3
Subtotal processed grain and animal feed	11	11	0
6746 wheat flour	0	0	—
6747 grain mill products	0	0	—
6781 hay & fodder	0	0	0
6782 animal feed, prep.	10	10	0
Subtotal other agricultural products	149	106	43
6811 meat, fresh, frozen	4	4	—
6822 dairy products	0	0	—
6839 animals & prod. nec	6	1	6
6858 fruit juices	0	—	0
6871 coffee	0	—	0
6885 alcoholic beverages	9	9	0
6889 food products nec	122	92	30
6899 farm products nec	7	0	6

HILO HARBOR, HAWAII IS., HI
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total all manufactured equipment, machinery and products	310	239	71
7110 machinery (not elec)	5	3	2
7120 electrical machinery	1	1	0
7210 vehicles & parts	142	107	34
7230 ships & boats	0	0	0
7400 manufac. wood prod.	6	5	1
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	0
7900 manufac. prod. nec	155	122	33
Total unknown or not elsewhere classified	0	0	—
9900 unknown or nec	0	0	—

KAWAIHAE HARBOR, HAWAII IS., HI

Section Included: Port of Kawaihae. Controlling Depth: 42.0 feet in entrance channel and 36.0 feet in harbor basin. Project Depth: Harbor basin 35 feet; entrance channel 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	736	1997	980	2000	1,310	2003	1,801
1995	873	1998	886	2001	1,378		
1996	969	1999	1,090	2002	1,645		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,801	1,211	590
Total petroleum and petroleum products	20	20	0
Subtotal petroleum products	20	20	0
2211 gasoline	12	12	—
2330 distillate fuel oil	6	6	—
2340 residual fuel oil	1	1	—
2350 lube oil & greases	0	0	0
2990 petro. products nec	0	0	—
Total chemicals and related products	11	10	1
Subtotal fertilizers	9	8	1
3120 phosphatic fert.	0	0	—
3190 fert. & mixes nec	9	8	1
Subtotal other chemicals and related products	3	3	0
3281 radioactive material	0	—	0
3282 pigments & paints	0	0	0
3284 medicines	0	0	—
3285 perfumes & cleansers	0	0	0
3286 plastics	1	1	—
3291 pesticides	0	0	—
3293 explosives	0	0	—
3299 chem. products nec	0	0	—
Total crude materials, inedible except fuels	34	27	7
Subtotal forest products, wood and chips	29	27	3
4189 lumber	29	26	3
4190 forest products nec	0	0	—
Subtotal soil, sand, gravel, rock and stone	0	0	0
4331 sand & gravel	0	0	—
4338 soil & fill dirt	0	0	0
Subtotal iron ore and scrap	4	—	4
4420 iron & steel scrap	4	—	4
Subtotal other non-metal. min.	0	0	0
4900 non-metal. min. nec	0	0	0
Total primary manufactured goods	1,335	856	480
Subtotal paper products	4	2	2
5120 paper & paperboard	0	0	—
5190 paper products nec	4	2	2
Subtotal lime, cement and glass	70	70	0
5210 lime	0	0	—
5220 cement & concrete	50	50	0
5240 glass & glass prod.	0	0	—
5290 misc. mineral prod.	20	19	0
Subtotal primary iron and steel products	5	4	0
5360 i&s bars & shapes	3	3	—
5370 i&s pipe & tube	1	1	0
Subtotal primary non-ferrous metal products	1,255	777	478
5480 fab. metal products	1,255	777	478
Subtotal primary wood products	2	2	—
5540 primary wood prod.	2	2	—

KAWAIHAE HARBOR, HAWAII IS., HI
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total food and farm products	145	114	31
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	1	1	0
6442 rice	1	1	0
Subtotal vegetable products	6	6	0
6654 vegetables & prod.	6	6	0
Subtotal processed grain and animal feed	7	7	0
6746 wheat flour	0	0	—
6747 grain mill products	0	0	—
6781 hay & fodder	0	0	—
6782 animal feed, prep.	7	7	0
Subtotal other agricultural products	130	100	31
6811 meat, fresh, frozen	4	4	—
6839 animals & prod. nec	6	4	2
6858 fruit juices	0	—	0
6871 coffee	0	—	0
6885 alcoholic beverages	11	11	0
6889 food products nec	105	79	27
6899 farm products nec	3	2	1
Total all manufactured equipment, machinery and products	256	185	71
7110 machinery (not elec)	6	4	2
7120 electrical machinery	0	0	0
7210 vehicles & parts	118	78	40
7220 aircraft & parts	0	0	0
7230 ships & boats	1	1	0
7300 ordnance & access.	0	0	—
7400 manufac. wood prod.	9	8	1
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	—
7900 manufac. prod. nec	121	94	27
Total unknown or not elsewhere classified	0	0	—
9900 unknown or nec	0	0	—

KAHULUI HARBOR, MAUI, HI

Section Included: Port of Kahului. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	2,368	1997	2,895	2000	3,477	2003	3,778
1995	2,586	1998	2,851	2001	3,695		
1996	2,828	1999	3,513	2002	3,458		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	3,778	2,439	1,339
Total petroleum and petroleum products	524	523	2
Subtotal petroleum products	524	523	2
2211 gasoline	179	178	1
2330 distillate fuel oil	231	231	—
2340 residual fuel oil	104	104	—
2350 lube oil & greases	2	2	0
2640 liquid natural gas	8	8	0
2990 petro. products nec	0	0	—
Total chemicals and related products	25	23	2
Subtotal fertilizers	18	17	1
3190 fert. & mixes nec	18	17	1
Subtotal other chemicals and related products	6	6	0
3275 inorg. elem., oxides, & halogen salts	0	0	—
3281 radioactive material	0	—	0
3282 pigments & paints	0	0	—
3284 medicines	2	2	0
3285 perfumes & cleansers	0	0	0
3286 plastics	2	2	—
3291 pesticides	0	0	—
3293 explosives	0	0	—
3299 chem. products nec	1	1	0
Total crude materials, inedible except fuels	159	108	51
Subtotal forest products, wood and chips	100	95	5
4189 lumber	100	95	5
4190 forest products nec	0	0	—

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Subtotal pulp and waste paper	2	0	2
4225 pulp & waste paper	2	0	2
Subtotal soil, sand, gravel, rock and stone	49	13	37
4331 sand & gravel	49	12	37
4338 soil & fill dirt	1	1	—
Subtotal iron ore and scrap	8	—	8
4420 iron & steel scrap	8	—	8
Subtotal other non-metal. min.	0	0	—
4900 non-metal. min. nec	0	0	—
Total primary manufactured goods	2,104	1,223	882
Subtotal paper products	19	16	3
5110 newsprint	1	1	—
5120 paper & paperboard	1	1	—
5190 paper products nec	17	15	3
Subtotal lime, cement and glass	66	65	0
5220 cement & concrete	46	46	0
5240 glass & glass prod.	1	1	0
5290 misc. mineral prod.	19	19	0
Subtotal primary iron and steel products	6	6	0
5360 i&s bars & shapes	2	2	—
5370 i&s pipe & tube	4	4	0
Subtotal primary non-ferrous metal products	2,014	1,135	879
5480 fab. metal products	2,014	1,135	879
Subtotal primary wood products	0	0	—
5540 primary wood prod.	0	0	—
Total food and farm products	414	200	214
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	3	3	0
6344 corn	0	—	0
6442 rice	3	3	0
Subtotal vegetable products	14	11	3
6654 vegetables & prod.	14	11	3
Subtotal processed grain and animal feed	12	12	0
6746 wheat flour	1	1	—
6747 grain mill products	0	0	0
6781 hay & fodder	1	1	—
6782 animal feed, prep.	10	10	0
Subtotal other agricultural products	384	174	210
6811 meat, fresh, frozen	5	5	0
6822 dairy products	0	0	0
6839 animals & prod. nec	5	2	2
6857 fruit & nuts nec	0	0	0
6858 fruit juices	87	—	87
6861 sugar	40	—	40
6865 molasses	73	—	73
6871 coffee	0	0	0
6885 alcoholic beverages	21	21	0
6887 groceries	0	0	—
6889 food products nec	150	142	8
6899 farm products nec	4	4	—
Total all manufactured equipment, machinery and products	552	364	188
7110 machinery (not elec)	15	5	9
7120 electrical machinery	1	0	0
7210 vehicles & parts	228	139	89
7220 aircraft & parts	0	0	0
7230 ships & boats	1	0	0
7400 manufac. wood prod.	16	15	1
7500 textile products	1	0	0
7600 rubber & plastic pr.	1	0	0
7900 manufac. prod. nec	290	202	88
Total waste and scrap nec	0	—	0
8900 waste and scrap nec	0	—	0
Total unknown or not elsewhere classified	0	0	0
9900 unknown or nec	0	0	0

BARBERS POINT HARBOR, OAHU, HI

Section Included: Barbers Point Harbor. Controlling Depth: 42 feet in the entrance channel and 37 feet in the main access channel and basin. Projects Depth: 42 feet in the entrance channel; 38 feet in the deep-draft harbor main access channel and basin; 21 feet in light-draft harbor basin. Deep draft anchorage (foreign and pipeline).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	9,022	1997	8,162	2000	6,778	2003	5,930
1995	8,233	1998	6,658	2001	6,079		
1996	8,745	1999	8,707	2002	5,990		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Intra Upbound
		Inbound	Outbound	Total	Coastwise		
				Receipts	Shipments		
Total, all commodities	5,930	2,357	222	3,351	1,951	1,398	2
Total coal	597	597	---	---	---	---	---
1100 coal lignite	597	597	---	---	---	---	---
Total petroleum and petroleum products	4,715	1,460	51	3,205	1,910	1,293	2
Subtotal crude petroleum	2,995	1,439	---	1,556	1,556	---	---
2100 crude petroleum	2,995	1,439	---	1,556	1,556	---	---
Subtotal petroleum products	1,721	21	51	1,649	354	1,293	2
2211 gasoline	457	20	---	437	58	379	---
2330 distillate fuel oil	441	---	51	391	61	329	---
2340 residual fuel oil	505	---	---	505	13	490	2
2429 naphtha & solvents	71	---	---	71	---	71	---
2640 liquid natural gas	25	1	---	24	---	24	---
2990 petro. products nec	222	---	---	222	222	---	---
Total crude materials, inedible except fuels	231	22	168	41	41	---	---
Subtotal soil, sand, gravel, rock and stone	42	22	---	20	20	---	---
4331 sand & gravel	42	22	---	20	20	---	---
Subtotal iron ore and scrap	189	---	168	21	21	---	---
4420 iron & steel scrap	189	---	168	21	21	---	---
Total primary manufactured goods	382	276	2	104	---	104	---
Subtotal lime, cement and glass	380	276	2	102	---	102	---
5220 cement & concrete	377	276	---	101	---	101	---
5290 misc. mineral prod.	3	---	2	1	---	1	---
Subtotal primary non-ferrous metal products	1	0	---	1	---	1	---
5480 fab. metal products	1	0	---	1	---	1	---
Total food and farm products	0	0	0	---	---	---	---
Subtotal other agricultural products	0	0	0	---	---	---	---
6839 animals & prod. nec	0	---	0	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---
6891 tobacco & products	0	---	0	---	---	---	---
Total all manufactured equipment, machinery and products	5	2	1	1	---	1	---
7110 machinery (not elec)	5	2	1	1	---	1	---
7210 vehicles & parts	0	---	0	---	---	---	---
7500 textile products	0	---	0	---	---	---	---
7900 manufac. prod. nec	0	0	0	---	---	---	---
Total unknown or not elsewhere classified	0	0	0	---	---	---	---
9900 unknown or nec	0	0	0	---	---	---	---

HONOLULU HARBOR, OAHU, HI

Section Included: Port of Honolulu. Controlling Depth: 45.0 feet in the entrance channel; 40.0 feet in the main harbor basin; 40.0 feet in Kapalama Basin; 40.0 feet in the connecting channel. Project Depth; 45.0 feet in the entrance channel; 40.0 feet in harbor basin, connecting channel; 23.0 feet in Kalihi Channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	11,672	1997	12,704	2000	15,501	2003	17,836
1995	11,545	1998	13,723	2001	16,562		
1996	12,010	1999	12,259	2002	16,636		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound*	Outbound*	Inbound	Total	Coastwise	Internal	
					Receipts	Shipments	Intraport	
Total, all commodities	17,836	4,887	489	31	12,428	6,632	5,792	4
Total coal	118	118	---	---	---	---	---	---
1100 coal lignite	118	118	---	---	---	---	---	---
Total petroleum and petroleum products	5,203	4,547	353	---	303	277	22	4
Subtotal crude petroleum	3,962	3,962	---	---	---	---	---	---
2100 crude petroleum	3,962	3,962	---	---	---	---	---	---
Subtotal petroleum products	1,241	585	353	---	303	277	22	4
2211 gasoline	307	179	121	---	7	0	7	---
2221 kerosene	411	382	29	---	---	---	---	---
2330 distillate fuel oil	82	23	49	---	11	7	3	---
2340 residual fuel oil	285	---	29	---	256	250	2	4
2350 lube oil & greases	11	0	0	---	11	6	5	---
2429 naphtha & solvents	125	0	125	---	---	---	---	---
2430 asphalt, tar & pitch	0	---	---	---	0	0	---	---
2540 petroleum coke	0	---	0	---	---	---	---	---
2640 liquid natural gas	9	0	0	---	8	4	4	---
2990 petro. products nec	10	---	---	---	10	9	1	---
Total chemicals and related products	210	12	1	---	196	130	66	---
Subtotal fertilizers	106	0	0	---	105	58	47	---
3110 nitrogenous fert.	0	0	---	---	---	---	---	---
3120 phosphatic fert.	1	---	---	---	1	1	---	---
3190 fert. & mixes nec	104	0	0	---	104	57	47	---
Subtotal other chemicals and related products	104	12	1	---	91	72	19	---
3219 other hydrocarbons	0	0	---	---	---	---	---	---
3230 carboxylic acids	0	0	---	---	---	---	---	---
3240 nitrogen func. comp.	0	0	---	---	---	---	---	---
3272 sulphuric acid	0	0	---	---	---	---	---	---
3274 sodium hydroxide	0	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	3	0	---	---	3	3	0	---
3276 metallic salts	0	0	---	---	---	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---	---	---
3281 radioactive material	2	---	---	---	2	0	2	---
3282 pigments & paints	15	0	0	---	15	14	1	---
3283 coloring mat. nec	0	0	---	---	---	---	---	---
3284 medicines	8	0	0	---	8	4	4	---
3285 perfumes & cleansers	28	1	0	---	27	27	1	---
3286 plastics	17	3	1	---	13	10	3	---
3291 pesticides	1	0	---	---	1	1	0	---
3292 starches, gluten, glue	0	0	0	---	---	---	---	---
3293 explosives	3	1	0	---	2	1	1	---
3297 chemical additives	0	---	0	---	---	---	---	---
3298 wood & resin chem.	0	0	---	---	---	---	---	---
3299 chem. products nec	26	6	0	---	20	13	7	---
Total crude materials, inedible except fuels	572	11	57	---	504	269	236	---
Subtotal forest products, wood and chips	431	2	1	---	428	234	194	---
4110 rubber & gums	0	0	---	---	---	---	---	---
4150 fuel wood	0	0	---	---	---	---	---	---
4170 wood in the rough	3	0	---	---	3	3	---	---
4189 lumber	425	1	1	---	424	230	194	---
4190 forest products nec	3	1	0	---	2	2	1	---
Subtotal pulp and waste paper	47	---	44	---	3	2	1	---
4225 pulp & waste paper	47	---	44	---	3	2	1	---
Subtotal soil, sand, gravel, rock and stone	53	8	1	---	44	22	22	---
4310 building stone	7	7	---	---	---	---	---	---
4322 limestone	0	0	---	---	---	---	---	---
4331 sand & gravel	39	1	1	---	37	17	20	---
4338 soil & fill dirt	7	---	---	---	7	5	2	---
Subtotal iron ore and scrap	28	---	4	---	24	6	18	---
4420 iron & steel scrap	28	---	4	---	24	6	18	---
Subtotal marine shells	0	0	---	---	---	---	---	---
4515 marine shells	0	0	---	---	---	---	---	---
Subtotal non-ferrous ores and scrap	1	0	1	---	---	---	---	---
4680 non-ferrous scrap	1	0	1	---	---	---	---	---

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			Internal Intraport
		Inbound*	Outbound*		Total	Coastwise		
				Receipts		Shipments		
Subtotal sulphur, clay and salt	5	0	5	---	---	---	---	---
4741 sulphur, (dry)	5	---	5	---	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---	---	---	---
Subtotal other non-metal. min.	6	0	0	---	5	5	1	---
4900 non-metal. min. nec	6	0	0	---	5	5	1	---
Total primary manufactured goods	6,014	69	17	---	5,928	2,688	3,240	---
Subtotal paper products	137	7	4	---	126	88	38	---
5110 newsprint	4	0	0	---	3	2	1	---
5120 paper & paperboard	15	4	0	---	10	9	1	---
5190 paper products nec	118	2	4	---	112	77	36	---
Subtotal lime, cement and glass	274	54	0	---	220	137	83	---
5210 lime	3	---	---	---	3	3	---	---
5220 cement & concrete	98	42	0	---	55	17	38	---
5240 glass & glass prod.	4	2	---	---	2	1	2	---
5290 misc. mineral prod.	169	9	---	---	160	117	43	---
Subtotal primary iron and steel products	54	1	0	---	54	40	13	---
5312 pig iron	0	0	---	---	---	---	---	---
5320 i&s primary forms	0	0	0	---	---	---	---	---
5330 i&s plates & sheets	0	0	---	---	---	---	---	---
5360 i&s bars & shapes	41	0	---	---	41	36	5	---
5370 i&s pipe & tube	13	0	0	---	13	4	8	---
5390 primary i&s nec	0	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	5,509	7	12	---	5,490	2,385	3,105	---
5421 copper	0	0	0	---	---	---	---	---
5422 aluminum	0	0	0	---	---	---	---	---
5429 smelted prod. nec	14	3	11	---	---	---	---	---
5480 fab. metal products	5,495	3	1	---	5,490	2,385	3,105	---
Subtotal primary wood products	40	1	1	---	38	38	0	---
5540 primary wood prod.	40	1	1	---	38	38	0	---
Total food and farm products	2,050	56	23	31	1,940	1,132	808	---
Subtotal fish	8	3	0	---	4	4	1	---
6134 fish (not shellfish)	6	2	0	---	4	4	1	---
6136 shellfish	2	2	---	---	---	---	---	---
Subtotal grain	81	3	1	31	47	37	10	---
6241 wheat	31	0	---	31	---	---	---	---
6344 corn	2	---	0	---	2	1	1	---
6442 rice	48	3	1	---	45	37	8	---
Subtotal oilseeds	1	1	---	---	---	---	---	---
6521 peanuts	0	0	---	---	---	---	---	---
6522 soybeans	1	1	---	---	---	---	---	---
6590 oilseeds nec	1	1	---	---	---	---	---	---
Subtotal vegetable products	129	6	0	---	124	100	24	---
6653 vegetable oils	0	0	0	---	0	0	---	---
6654 vegetables & prod.	129	5	0	---	124	100	24	---
Subtotal processed grain and animal feed	105	3	0	---	102	70	32	---
6746 wheat flour	13	0	0	---	12	11	2	---
6747 grain mill products	10	2	0	---	8	7	1	---
6781 hay & fodder	2	0	---	---	2	1	1	---
6782 animal feed, prep.	80	0	---	---	80	52	28	---
Subtotal other agricultural products	1,725	41	22	---	1,663	921	742	---
6811 meat, fresh, frozen	99	9	1	---	89	74	15	---
6817 meat, prepared	0	0	---	---	---	---	---	---
6822 dairy products	32	0	0	---	32	31	1	---
6835 fish, prepared	1	1	---	---	0	0	---	---
6839 animals & prod. nec	38	1	0	---	38	20	17	---
6856 bananas & plantains	4	0	---	---	4	4	---	---
6857 fruit & nuts nec	95	3	0	---	92	10	82	---
6858 fruit juices	166	3	2	---	161	87	74	---
6861 sugar	13	0	---	---	13	7	6	---
6865 molasses	156	---	---	---	156	84	72	---
6871 coffee	7	0	0	---	7	5	2	---
6872 cocoa beans	0	0	---	---	---	---	---	---
6885 alcoholic beverages	202	11	0	---	191	143	47	---
6887 groceries	1	---	---	---	1	1	0	---
6888 water & ice	11	1	11	---	---	---	---	---
6889 food products nec	852	10	7	---	835	429	406	---
6891 tobacco & products	1	0	---	---	1	1	---	---
6893 cotton	0	0	---	---	---	---	---	---
6894 natural fibers nec	0	0	0	---	---	---	---	---
6899 farm products nec	46	1	---	---	45	26	19	---
Total all manufactured equipment, machinery and products	3,631	68	24	---	3,540	2,123	1,416	---
7110 machinery (not elec)	174	5	2	---	168	92	76	---
7120 electrical machinery	18	3	0	---	14	10	4	---
7210 vehicles & parts	964	23	1	---	940	413	527	---
7220 aircraft & parts	0	0	0	---	0	0	0	---
7230 ships & boats	4	0	0	---	4	2	2	---
7300 ordnance & access.	0	---	---	---	0	0	0	---
7400 manufac. wood prod.	167	2	0	---	165	122	43	---

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound*	Outbound*		Total	Coastwise		Internal Intraport
				Receipts		Shipments		
7500 textile products	18	5	0	—	13	13	1	—
7600 rubber & plastic pr.	19	8	0	—	10	7	3	—
7900 manufac. prod. nec	2,266	22	20	—	2,225	1,465	760	—
Total waste and scrap nec	0	—	—	—	0	0	0	—
8900 waste and scrap nec	0	—	—	—	0	0	0	—
Total unknown or not elsewhere classified	38	7	15	—	16	13	4	—
9900 unknown or nec	38	7	15	—	16	13	4	—

*Includes 1,372 tons of foreign inbound in-transits; Includes 81 tons of foreign outbound in-transits.

NAWILIWILI HARBOR, KAUAI, HI

Section Included: Port of Nawiliwili. Controlling Depth: 41.0 feet in the outer channel; 41.0 feet in the inner channel; 34.0 feet in the harbor basin.
 Project Depth: 40 feet in the channel; 35 feet in the harbor basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,151	1997	1,091	2000	1,581	2003	1,721
1995	1,130	1998	938	2001	1,478		
1996	1,203	1999	1,348	2002	1,619		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,721	1,132	588
Total petroleum and petroleum products	74	74	0
Subtotal petroleum products	74	74	0
2211 gasoline	57	57	—
2330 distillate fuel oil	6	6	—
2340 residual fuel oil	5	5	—
2350 lube oil & greases	1	1	0
2640 liquid natural gas	5	5	—
2990 petro. products nec	0	0	—
Total chemicals and related products	11	11	0
Subtotal fertilizers	10	10	0
3120 phosphatic fert.	0	0	—
3190 fert. & mixes nec	10	10	0
Subtotal other chemicals and related products	2	2	0
3281 radioactive material	0	—	0
3282 pigments & paints	0	0	—
3284 medicines	1	1	—
3286 plastics	1	1	—
3293 explosives	0	0	—
3299 chem. products nec	0	0	0
Total crude materials, inedible except fuels	36	32	4
Subtotal forest products, wood and chips	32	32	0
4189 lumber	32	32	0
Subtotal soil, sand, gravel, rock and stone	0	0	—
4338 soil & fill dirt	0	0	—
Subtotal iron ore and scrap	3	—	3
4420 iron & steel scrap	3	—	3
Subtotal other non-metal. min.	1	0	1
4900 non-metal. min. nec	1	0	1
Total primary manufactured goods	1,133	657	476
Subtotal paper products	2	2	0
5120 paper & paperboard	0	0	—
5190 paper products nec	2	2	0
Subtotal lime, cement and glass	29	29	—
5220 cement & concrete	22	22	—
5240 glass & glass prod.	0	0	—
5290 misc. mineral prod.	7	7	—
Subtotal primary iron and steel products	4	4	0
5360 i&s bars & shapes	1	1	—
5370 i&s pipe & tube	3	3	0
Subtotal primary non-ferrous metal products	1,098	622	476
5480 fab. metal products	1,098	622	476
Subtotal primary wood products	0	0	—
5540 primary wood prod.	0	0	—

NAWILIWILI HARBOR, KAUAI, HI
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total food and farm products	97	81	16
Subtotal grain	1	1	0
6344 corn	0	—	0
6442 rice	1	1	0
Subtotal vegetable products	1	1	0
6654 vegetables & prod.	1	1	0
Subtotal processed grain and animal feed	3	3	0
6746 wheat flour	0	0	—
6747 grain mill products	0	0	0
6781 hay & fodder	0	0	0
6782 animal feed, prep.	2	2	0
Subtotal other agricultural products	92	77	15
6811 meat, fresh, frozen	1	1	0
6839 animals & prod. nec	1	1	0
6858 fruit juices	0	0	0
6865 molasses	11	—	11
6871 coffee	1	0	1
6885 alcoholic beverages	6	6	0
6889 food products nec	71	69	2
6899 farm products nec	0	0	0
Total all manufactured equipment, machinery and products	369	277	92
7110 machinery (not elec)	4	3	1
7120 electrical machinery	0	0	0
7210 vehicles & parts	147	99	48
7220 aircraft & parts	0	—	0
7230 ships & boats	0	0	0
7400 manufac. wood prod.	5	4	1
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	0
7900 manufac. prod. nec	212	170	42

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
HANA HARBOR, MAUI, HI	No Commerce Reported	
KAILUA HARBOR, OAHU, HI	No Commerce Reported	
KALAUPAPA HARBOR, MOLOKAI, HI	No Commerce Reported	
KAUNAKAKAI HARBOR, MOLOKAI, HI	3190 fert. & mixes nec	4
	4189 lumber	5
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	93
	6839 animals & prod. nec	1
	6889 food products nec	9
	7110 machinery (not elec)	0
	7210 vehicles & parts	29
	7230 ships & boats	1
7900 manufac. prod. nec	28	
Total Tons(x1000)	170	
PORT ALLEN HARBOR, KAUAI, HI	No Commerce Reported	
WAKE ISLAND HARBOR, WAKE ISLAND	No Commerce Reported	
WELLS HARBOR, MIDWAY ISLAND	No Commerce Reported	

COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEWICK, WA

Section Included: Columbia River and Tributaries, McNary Lock and Dam to Kennewick, WA. Controlling Depth: 20 feet. Project Depth: 14 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	7,927	1997	7,569	2000	7,887	2003	6,452
1995	8,582	1998	7,115	2001	6,732		
1996	7,705	1999	6,767	2002	5,080		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	6,452	2	4	1,115	1,948	3,384
Total petroleum and petroleum products	1,824	---	---	---	1,822	2
Subtotal petroleum products	1,824	---	---	---	1,822	2
2211 gasoline	1,218	---	---	---	1,215	2
2330 distillate fuel oil	1	---	---	---	1	---
2340 residual fuel oil	605	---	---	---	605	---
Total chemicals and related products	51	---	---	16	33	2
Subtotal fertilizers	51	---	---	16	33	2
3110 nitrogenous fert.	51	---	---	16	33	2
Total crude materials, inedible except fuels	204	2	---	---	93	108
Subtotal forest products, wood and chips	151	2	---	---	93	55
4161 wood chips	97	2	---	---	42	52
4170 wood in the rough	54	---	---	---	51	3
Subtotal pulp and waste paper	19	---	---	---	---	19
4225 pulp & waste paper	19	---	---	---	---	19
Subtotal iron ore and scrap	34	---	---	---	---	34
4420 iron & steel scrap	34	---	---	---	---	34
Total food and farm products	4,288	---	4	1,099	---	3,186
Subtotal grain	4,264	---	4	1,074	---	3,186
6241 wheat	4,096	---	4	1,069	---	3,024
6344 corn	1	---	---	1	---	---
6443 barley & rye	166	---	---	4	---	162
Subtotal vegetable products	3	---	---	3	---	---
6654 vegetables & prod.	3	---	---	3	---	---
Subtotal processed grain and animal feed	11	---	---	11	---	---
6781 hay & fodder	11	---	---	11	---	---
Subtotal other agricultural products	10	---	---	10	---	---
6822 dairy products	7	---	---	7	---	---
6899 farm products nec	3	---	---	3	---	---
Total all manufactured equipment, machinery and products	86	---	---	---	0	86
7900 manufac. prod. nec	86	---	---	---	0	86
Ton-miles (x1000)	216,922	64	11	30,230	68,174	118,442
Tons All Traffic (x1000)	6,452					
Ton-miles All Traffic (x1000)	216,922					
Total Trip-ton-miles Internal and Intraport (x1000)	1,823,519					

SNAKE RIVER, OR, WA AND ID

Section Included: Mouth of Snake River to Johnson Bar Landing. Controlling Depth: 14 feet from mouth to Ice Harbor Lock Approach Channel; 14 feet in Ice Harbor Approach Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental approach channel; 14 feet within lower monumental pool; 14 feet in Little Goose Approach Channel; 14 feet within Little Goose Pool; 14 feet in Lower Granite Approach Channel; 14 feet within Lower Granite Pool; about 3 feet from head of Lower Granite Pool to Johnson Bar Landing. Project Depth: 14 feet from mouth to the Ice Harbor approach channel; 14 feet in Ice Harbor Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental Approach channel; 14 feet within Lower Monumental Pool; 14 feet in Little Goose Approach Channel; 14 feet in Little Goose channel; 14 feet within Little Goose pool; 14 feet in Lower Granite approach channel; 14 feet in Lower Granite Channel; 14 feet within Lower Granite Pool; 2 feet to Johnson Bar Landing.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	5,929	1997	6,103	2000	6,707	2003	5,339
1995	6,804	1998	5,840	2001	5,639		
1996	5,707	1999	5,836	2002	4,284		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	5,339	1,946	4	2,616	2	772	
Total petroleum and petroleum products	1,824	1,822	---	2	---	---	
Subtotal petroleum products	1,824	1,822	---	2	---	---	
2211 gasoline	1,218	1,215	---	2	---	---	
2330 distillate fuel oil	1	1	---	---	---	---	
2340 residual fuel oil	605	605	---	---	---	---	
Total chemicals and related products	35	33	---	2	---	---	
Subtotal fertilizers	35	33	---	2	---	---	
3110 nitrogenous fert.	35	33	---	2	---	---	
Total crude materials, inedible except fuels	202	92	---	90	1	19	
Subtotal forest products, wood and chips	149	92	---	55	1	---	
4161 wood chips	95	42	---	52	---	---	
4170 wood in the rough	54	49	---	3	1	---	
Subtotal pulp and waste paper	19	---	---	---	---	19	
4225 pulp & waste paper	19	---	---	---	---	19	
Subtotal iron ore and scrap	34	---	---	34	---	---	
4420 iron & steel scrap	34	---	---	34	---	---	
Total food and farm products	3,193	---	4	2,520	---	669	
Subtotal grain	3,193	---	4	2,520	---	669	
6241 wheat	3,031	---	4	2,393	---	635	
6443 barley & rye	162	---	---	127	---	35	
Total all manufactured equipment, machinery and products	86	0	---	1	0	84	
7900 manufac. prod. nec	86	0	---	1	0	84	
Ton-miles (x1000)	325,645	30,015	486	182,162	243	112,738	

Tons All Traffic (x1000) 5,339
 Ton-miles All Traffic (x1000) 325,645
 Total Trip-ton-miles Internal and Intraport (x1000) 1,573,019

TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID

Freight Traffic, 2003
(thousand short tons)

Locality	Foreign/Canadian		Domestic				Total	Percent	Through* Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
CHINOOK CHANNEL, WA	---	---	---	---	---	---	---	0.00	---
CLATSKANIE RIVER, OR	---	---	---	---	---	---	---	0.00	---
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUV	4,642	23,431	3,488	543	9,696	1,076	42,875	73.76	4,514
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO	---	---	---	---	2,096	---	2,096	3.61	6,435
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK A	---	---	---	---	1,120	---	1,120	1.93	5,332
COLUMBIA RIVER AT BAKERS BAY, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLE	---	---	26	1	856	176	1,059	1.82	8,370
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS	---	---	---	---	---	---	---	0.00	---
COWLITZ RIVER, WA	---	---	---	---	---	---	---	0.00	---
DEEP RIVER, WA	---	---	---	---	---	---	---	0.00	---
ELOKOMIN SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
GRAYS RIVER, WA	---	---	---	---	---	---	---	0.00	---
LAKE RIVER, WA	---	---	---	---	---	---	---	0.00	---
LEWIS RIVER, WA	---	---	---	---	---	---	---	0.00	---
MULTNOMAH CHANNEL, OR	---	---	56	---	1,502	---	1,558	2.68	---
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,376	1,759	---	---	407	---	3,542	6.09	---
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	---	---	---	---	0	---	0	0.00	---
SKAMOKAWA CREEK, WA	---	---	---	---	---	---	---	0.00	---
SKIPANON CHANNEL, OR	---	---	---	---	54	---	54	0.09	---
SNAKE RIVER, OR, WA AND ID	---	---	---	---	4,565	---	4,565	7.85	774
WESTPORT SLOUGH, OR	---	---	---	---	---	---	---	0.00	---
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	---	---	---	---	1,248	13	1,261	2.17	---
YOUNGS BAY AND YOUNGS RIVER, OR	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	6,018	25,189	3,570	543	21,545	1,266	58,131	---	25,425
PERCENT (UNADJUSTED)	10.35	43.33	6.14	0.93	37.06	2.18	---	100.00	---
NET VOLUME OF TONNAGE FOR THE BASIN**	6,018	25,189	3,570	543	11,161	1,266	47,747	---	---
PERCENT (ADJUSTED)	12.60	52.76	7.48	1.14	23.38	2.65	---	100.00	---

* Through traffic not credited as such to total tonnage for Basin, but credited to projects or rivers where shipped or received.
** Adjusted to net volume by excluding duplication of internal traffic moved between the separate waterways of the Basin.

COLUMBIA RIVER ENTRANCE, OR AND WA

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	37,065	1997	38,443	2000	41,373	2003	35,320
1995	44,041	1998	36,441	2001	37,988		
1996	38,799	1999	38,779	2002	34,497		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Upbound	Downbnd
Total, all commodities	35,320	5,042	25,127	976	63	4,113	3,570	543
Total coal	0	0	---	---	---	---	---	---
1100 coal lignite	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	4,966	699	840	218	62	3,147	2,968	179
Subtotal crude petroleum	236	220	---	---	---	16	---	16
2100 crude petroleum	236	220	---	---	---	16	---	16
Subtotal petroleum products	4,730	479	840	218	62	3,132	2,968	164
2211 gasoline	2,208	401	---	8	---	1,798	1,791	7
2221 kerosene	23	17	---	---	6	---	---	---
2330 distillate fuel oil	776	8	0	103	---	665	650	15

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Through	
						Upbound	Downbnd	
2340 residual fuel oil	565	38	—	103	—	423	357	66
2350 lube oil & greases	175	0	0	—	—	174	170	4
2410 petro. jelly & waxes	0	0	0	—	—	—	—	—
2429 naphtha & solvents	9	0	1	3	—	4	—	4
2430 asphalt, tar & pitch	81	14	0	—	—	67	—	67
2540 petroleum coke	895	—	838	—	56	—	—	—
2640 liquid natural gas	0	0	—	—	—	—	—	—
Total chemicals and related products	5,676	679	4,833	90	—	74	66	7
Subtotal fertilizers	1,957	350	1,607	—	—	—	—	—
3110 nitrogenous fert.	339	339	—	—	—	—	—	—
3130 potassic fert.	1,600	—	1,600	—	—	—	—	—
3190 fert. & mixes nec	18	12	7	—	—	—	—	—
Subtotal other chemicals and related products	3,719	329	3,226	90	—	74	66	7
3211 acyclic hydrocarbons	16	—	0	16	—	—	—	—
3212 benzene & toluene	90	30	—	—	—	61	61	—
3219 other hydrocarbons	0	0	0	—	—	—	—	—
3220 alcohols	40	40	1	—	—	—	—	—
3230 carboxylic acids	7	1	6	—	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—	—
3250 organo - inorg. comp.	1	0	0	—	—	—	—	—
3260 organic comp. nec	6	0	6	—	—	—	—	—
3272 sulphuric acid	0	—	0	—	—	—	—	—
3273 ammonia	77	28	—	49	—	—	—	—
3274 sodium hydroxide	210	198	0	12	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	42	9	33	—	—	—	—	—
3276 metallic salts	2,803	11	2,792	—	—	—	—	—
3279 inorganic chem. nec	1	1	0	—	—	—	—	—
3281 radioactive material	0	0	—	—	—	—	—	—
3282 pigments & paints	2	1	1	—	—	—	—	—
3283 coloring mat. nec	0	0	0	—	—	—	—	—
3284 medicines	1	1	0	—	—	—	—	—
3285 perfumes & cleansers	3	1	2	0	—	—	—	—
3286 plastics	36	6	28	0	—	2	—	2
3291 pesticides	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	354	1	354	—	—	—	—	—
3293 explosives	0	0	—	—	—	—	—	—
3297 chemical additives	12	0	0	—	—	11	6	6
3298 wood & resin chem.	7	0	—	7	—	—	—	—
3299 chem. products nec	10	1	2	6	—	—	—	—
Total crude materials, inedible except fuels	4,827	777	2,617	604	—	829	535	294
Subtotal forest products, wood and chips	2,890	229	1,749	90	—	822	528	294
4110 rubber & gums	0	0	—	—	—	—	—	—
4150 fuel wood	1	0	0	—	—	—	—	—
4161 wood chips	547	0	—	75	—	472	472	—
4170 wood in the rough	1,772	50	1,650	14	—	58	56	3
4189 lumber	570	179	99	1	—	291	—	291
4190 forest products nec	0	0	0	—	—	—	—	—
Subtotal pulp and waste paper	165	7	158	—	—	—	—	—
4225 pulp & waste paper	165	7	158	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,014	492	1	514	—	7	7	—
4310 building stone	3	3	0	—	—	—	—	—
4322 limestone	514	—	—	514	—	—	—	—
4323 gypsum	489	489	—	—	—	—	—	—
4331 sand & gravel	8	1	1	—	—	7	7	—
Subtotal iron ore and scrap	373	0	372	—	—	—	—	—
4410 iron ore	0	0	—	—	—	—	—	—
4420 iron & steel scrap	373	0	372	—	—	—	—	—
Subtotal marine shells	0	—	0	—	—	—	—	—
4515 marine shells	0	—	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	103	47	56	—	—	—	—	—
4630 copper ore	0	—	0	—	—	—	—	—
4650 aluminum ore	79	41	38	—	—	—	—	—
4670 manganese ore	5	5	—	—	—	—	—	—
4680 non-ferrous scrap	17	—	17	—	—	—	—	—
4690 non-ferrous ores nec	1	1	0	—	—	—	—	—
Subtotal sulphur, clay and salt	254	1	253	—	—	—	—	—
4782 clay & refrac. mat.	254	1	253	—	—	—	—	—
Subtotal other non-metal. min.	28	0	28	—	—	—	—	—
4900 non-metal. min. nec	28	0	28	—	—	—	—	—
Total primary manufactured goods	2,624	1,862	649	51	—	62	—	62
Subtotal paper products	534	14	494	1	—	24	—	24
5110 newsprint	295	—	295	—	—	—	—	—
5120 paper & paperboard	188	9	179	0	—	—	—	—
5190 paper products nec	51	5	21	0	—	24	—	24
Subtotal lime, cement and glass	669	560	59	49	—	0	—	0
5220 cement & concrete	582	533	—	49	—	—	—	—

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound*	Downbnd*	Upbound*	Downbnd*		Upbound	Downbnd
5240 glass & glass prod.	10	7	3	0	—	—	—	—
5290 misc. mineral prod.	78	21	56	0	—	0	—	0
Subtotal primary iron and steel products	1,160	1,136	3	0	—	21	—	21
5312 pig iron	0	0	—	—	—	—	—	—
5315 ferro alloys	34	34	0	—	—	—	—	—
5320 i&s primary forms	581	581	0	0	—	—	—	—
5330 i&s plates & sheets	348	347	0	—	—	—	—	—
5360 i&s bars & shapes	41	19	1	—	—	21	—	21
5370 i&s pipe & tube	69	69	0	—	—	—	—	—
5390 primary i&s nec	87	85	1	0	—	—	—	—
Subtotal primary non-ferrous metal products	153	88	64	1	—	0	—	0
5421 copper	12	12	0	—	—	—	—	—
5422 aluminum	5	5	0	0	—	—	—	—
5429 smelted prod. nec	60	10	50	—	—	—	—	—
5480 fab. metal products	75	61	14	1	—	0	—	0
Subtotal primary wood products	108	63	28	—	—	17	—	17
5540 primary wood prod.	108	63	28	—	—	17	—	17
Total food and farm products	16,191	128	16,062	1	0	0	—	0
Subtotal fish	21	2	18	0	—	0	—	0
6134 fish (not shellfish)	19	1	18	0	—	0	—	0
6136 shellfish	2	2	0	—	—	—	—	—
Subtotal grain	11,646	33	11,614	—	—	—	—	—
6241 wheat	9,409	—	9,409	—	—	—	—	—
6344 corn	1,665	1	1,665	—	—	—	—	—
6443 barley & rye	522	0	522	—	—	—	—	—
6445 oats	32	32	0	—	—	—	—	—
6447 sorghum grains	18	—	18	—	—	—	—	—
Subtotal oilseeds	3,095	0	3,095	0	—	—	—	—
6522 soybeans	2,722	—	2,722	0	—	—	—	—
6590 oilseeds nec	373	0	373	—	—	—	—	—
Subtotal vegetable products	233	9	224	0	0	—	—	—
6653 vegetable oils	2	1	1	—	—	—	—	—
6654 vegetables & prod.	231	8	224	0	0	—	—	—
Subtotal processed grain and animal feed	986	12	974	0	—	—	—	—
6746 wheat flour	3	—	3	0	—	—	—	—
6747 grain mill products	27	0	27	—	—	—	—	—
6781 hay & fodder	579	3	576	0	—	—	—	—
6782 animal feed, prep.	377	8	368	—	—	—	—	—
Subtotal other agricultural products	210	72	138	0	—	—	—	—
6811 meat, fresh, frozen	22	6	16	0	—	—	—	—
6817 meat, prepared	15	0	15	—	—	—	—	—
6822 dairy products	20	0	20	—	—	—	—	—
6835 fish, prepared	2	1	1	0	—	—	—	—
6838 tallow, animal oils	0	0	—	—	—	—	—	—
6839 animals & prod. nec	32	21	11	—	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	28	5	23	—	—	—	—	—
6858 fruit juices	12	6	6	0	—	—	—	—
6861 sugar	0	0	0	—	—	—	—	—
6871 coffee	4	3	0	—	—	—	—	—
6885 alcoholic beverages	17	16	1	—	—	—	—	—
6888 water & ice	4	4	0	—	—	—	—	—
6889 food products nec	17	4	13	0	—	—	—	—
6891 tobacco & products	0	0	0	—	—	—	—	—
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	5	0	5	—	—	—	—	—
6899 farm products nec	31	3	27	0	—	—	—	—
Total all manufactured equipment, machinery and products	977	865	108	2	0	1	—	1
7110 machinery (not elec)	36	25	11	0	—	0	—	0
7120 electrical machinery	31	27	3	0	0	—	—	—
7210 vehicles & parts	672	633	39	0	—	0	—	0
7220 aircraft & parts	1	1	0	—	—	—	—	—
7230 ships & boats	1	0	0	—	—	0	—	0
7300 ordnance & access.	0	0	—	—	—	—	—	—
7400 manufac. wood prod.	21	10	11	0	—	0	—	0
7500 textile products	28	19	9	0	—	—	—	—
7600 rubber & plastic pr.	70	65	5	0	—	0	—	0
7900 manufac. prod. nec	116	85	29	2	—	0	—	0
Total unknown or not elsewhere classified	59	30	18	11	—	0	0	—
9900 unknown or nec	59	30	18	11	—	0	0	—

*Includes 20,365 tons of foreign upbound through in-transits; Includes 201,521 tons of foreign downbound through in-transits; Includes 1,875 tons of Canadian upbound through in-transits; Includes 110 tons of Canadian downbound through in-transits.

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)

Section Included: Mouth to International Boundary, a distance of 745 miles. Controlling Depth: 38 feet or better between mouth of Columbia River and mouth of Willamette River; 38 feet to lower turning basin, Vancouver, WA; other channel depths range from 15 to 4 feet. Project Depth: 55/48 feet across entrance bar; 40 feet from mouth of Columbia River to mouth of Willamette River; 40 feet from mouth of Willamette River to Vancouver; Other Project Depths range from 27 to 7 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	50,912	1997	52,722	2000	55,193	2003	47,158
1995	57,124	1998	49,076	2001	50,348		
1996	51,181	1999	50,733	2002	45,027		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound*	Downbnd*
Total, all commodities	31,208	1,503	13,779	3,539	11,348	117	56	859	6
Total coal	0	---	---	0	---	---	---	---	---
1100 coal lignite	0	---	---	0	---	---	---	---	---
Total petroleum and petroleum products	1,819	79	838	620	2	7	56	211	6
Subtotal crude petroleum	220	---	---	220	---	---	---	---	---
2100 crude petroleum	220	---	---	220	---	---	---	---	---
Subtotal petroleum products	1,599	79	838	400	2	7	56	211	6
2211 gasoline	409	61	---	340	---	---	---	8	---
2221 kerosene	23	---	---	17	---	---	---	---	6
2330 distillate fuel oil	111	8	---	---	0	7	---	96	---
2340 residual fuel oil	141	---	---	38	---	---	---	103	---
2350 lube oil & greases	0	---	---	0	0	---	---	---	---
2410 petro. jelly & waxes	0	---	---	0	0	---	---	---	---
2429 naphtha & solvents	4	---	---	0	1	---	---	3	---
2430 asphalt, tar & pitch	14	10	---	4	0	---	---	---	---
2540 petroleum coke	895	---	838	---	0	---	56	---	---
2640 liquid natural gas	0	---	---	0	---	---	---	---	---
Total chemicals and related products	5,602	296	683	383	4,149	12	---	78	---
Subtotal fertilizers	1,957	68	30	282	1,577	---	---	---	---
3110 nitrogenous fert.	339	56	---	282	---	---	---	---	---
3130 potassic fert.	1,600	---	30	---	1,570	---	---	---	---
3190 fert. & mixes nec	18	11	---	0	7	---	---	---	---
Subtotal other chemicals and related products	3,645	228	653	101	2,573	12	---	78	---
3211 acyclic hydrocarbons	16	---	---	---	0	---	---	16	---
3212 benzene & toluene	30	30	---	---	---	---	---	---	---
3219 other hydrocarbons	0	---	---	0	0	---	---	---	---
3220 alcohols	40	1	---	38	1	---	---	---	---
3230 carboxylic acids	7	0	---	1	6	---	---	---	---
3240 nitrogen func. comp.	0	---	---	0	0	---	---	---	---
3250 organo - inorg. comp.	1	---	---	0	0	---	---	---	---
3260 organic comp. nec	6	---	---	0	6	---	---	---	---
3272 sulphuric acid	0	---	---	---	0	---	---	---	---
3273 ammonia	77	---	---	28	---	---	---	49	---
3274 sodium hydroxide	210	192	---	7	0	12	---	---	---
3275 inorg. elem., oxides, & halogen salts	42	0	---	9	33	---	---	---	---
3276 metallic salts	2,803	6	440	5	2,352	---	---	---	---
3279 inorganic chem. nec	1	---	---	1	0	---	---	---	---
3281 radioactive material	0	---	---	0	---	---	---	---	---
3282 pigments & paints	2	---	---	1	1	---	---	---	---
3283 coloring mat. nec	0	---	---	0	0	---	---	---	---
3284 medicines	1	---	---	1	0	---	---	---	---
3285 perfumes & cleansers	3	---	---	1	2	---	---	0	---
3286 plastics	34	0	---	6	28	---	---	0	---
3291 pesticides	0	---	---	0	0	---	---	---	---
3292 starches, gluten, glue	354	---	213	1	141	---	---	---	---
3293 explosives	0	---	---	0	---	---	---	---	---
3297 chemical additives	0	---	---	0	0	---	---	---	---
3298 wood & resin chem.	7	---	---	0	---	---	---	7	---
3299 chem. products nec	10	---	---	1	2	---	---	6	---
Total crude materials, inedible except fuels	3,998	543	1,974	234	643	49	---	555	---
Subtotal forest products, wood and chips	2,068	48	1,656	181	94	33	---	57	---
4110 rubber & gums	0	---	---	0	---	---	---	---	---
4150 fuel wood	1	---	---	0	0	---	---	---	---
4161 wood chips	75	---	---	0	---	---	---	---	---
4170 wood in the rough	1,714	16	1,645	34	5	---	---	14	---
4189 lumber	279	32	11	147	88	---	---	1	---
4190 forest products nec	0	---	---	0	0	---	---	---	---
Subtotal pulp and waste paper	165	7	56	1	101	---	---	---	---
4225 pulp & waste paper	165	7	56	1	101	---	---	---	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound*	Downbnd*
Subtotal soil, sand, gravel, rock and stone	1,007	489	---	4	1	16	---	498	---
4310 building stone	3	---	---	3	0	---	---	---	---
4322 limestone	514	---	---	---	---	16	---	498	---
4323 gypsum	489	489	---	---	---	---	---	---	---
4331 sand & gravel	1	---	---	1	1	---	---	---	---
Subtotal iron ore and scrap	373	---	---	0	372	---	---	---	---
4410 iron ore	0	---	---	0	---	---	---	---	---
4420 iron & steel scrap	373	---	---	0	372	---	---	---	---
Subtotal marine shells	0	---	---	---	0	---	---	---	---
4515 marine shells	0	---	---	---	0	---	---	---	---
Subtotal non-ferrous ores and scrap	103	---	---	47	56	---	---	---	---
4630 copper ore	0	---	---	---	0	---	---	---	---
4650 aluminum ore	79	---	---	41	38	---	---	---	---
4670 manganese ore	5	---	---	5	---	---	---	---	---
4680 non-ferrous scrap	17	---	---	---	17	---	---	---	---
4690 non-ferrous ores nec	1	---	---	1	0	---	---	---	---
Subtotal sulphur, clay and salt	254	---	248	1	5	---	---	---	---
4782 clay & refrac. mat.	254	---	248	1	5	---	---	---	---
Subtotal other non-metal. min.	28	---	13	0	15	---	---	---	---
4900 non-metal. min. nec	28	---	13	0	15	---	---	---	---
Total primary manufactured goods	2,562	464	289	1,398	360	49	---	2	---
Subtotal paper products	509	---	289	14	205	---	---	1	---
5110 newsprint	295	---	289	---	6	---	---	---	---
5120 paper & paperboard	188	---	---	9	179	---	---	0	---
5190 paper products nec	26	---	---	5	21	---	---	0	---
Subtotal lime, cement and glass	669	25	---	536	59	49	---	0	---
5220 cement & concrete	582	25	---	508	---	49	---	---	---
5240 glass & glass prod.	10	---	---	7	3	---	---	0	---
5290 misc. mineral prod.	77	---	---	21	56	---	---	0	---
Subtotal primary iron and steel products	1,139	382	---	754	3	---	---	0	---
5312 pig iron	0	---	---	0	---	---	---	---	---
5315 ferro alloys	34	8	---	26	0	---	---	---	---
5320 i&s primary forms	581	41	---	540	0	---	---	0	---
5330 i&s plates & sheets	348	248	---	99	0	---	---	---	---
5360 i&s bars & shapes	20	18	---	2	1	---	---	---	---
5370 i&s pipe & tube	69	67	---	2	0	---	---	---	---
5390 primary i&s nec	87	---	---	85	1	---	---	0	---
Subtotal primary non-ferrous metal products	153	21	0	67	64	---	---	1	---
5421 copper	12	---	---	12	0	---	---	---	---
5422 aluminum	5	3	---	1	0	---	---	0	---
5429 smelted prod. nec	60	8	---	2	50	---	---	---	---
5480 fab. metal products	75	10	0	51	14	---	---	1	---
Subtotal primary wood products	92	36	0	28	28	---	---	---	---
5540 primary wood prod.	92	36	0	28	28	---	---	---	---
Total food and farm products	16,191	32	9,989	96	6,073	---	---	1	0
Subtotal fish	20	---	---	2	18	---	---	0	---
6134 fish (not shellfish)	18	---	---	1	18	---	---	0	---
6136 shellfish	2	---	---	2	0	---	---	---	---
Subtotal grain	11,646	32	6,541	1	5,073	---	---	---	---
6241 wheat	9,409	---	4,690	---	4,719	---	---	---	---
6344 corn	1,665	---	1,595	1	69	---	---	---	---
6443 barley & rye	522	---	237	0	284	---	---	---	---
6445 oats	32	32	---	---	0	---	---	---	---
6447 sorghum grains	18	---	18	---	---	---	---	---	---
Subtotal oilseeds	3,095	---	3,079	0	15	---	---	0	---
6522 soybeans	2,722	---	2,722	---	0	---	---	0	---
6590 oilseeds nec	373	---	358	0	15	---	---	---	---
Subtotal vegetable products	233	---	14	9	210	---	---	0	0
6653 vegetable oils	2	---	---	1	1	---	---	---	---
6654 vegetables & prod.	231	---	14	8	209	---	---	0	0
Subtotal processed grain and animal feed	986	---	349	12	624	---	---	0	---
6746 wheat flour	3	---	---	---	3	---	---	0	---
6747 grain mill products	27	---	---	0	27	---	---	---	---
6781 hay & fodder	579	---	25	3	551	---	---	0	---
6782 animal feed, prep.	377	---	324	8	44	---	---	---	---
Subtotal other agricultural products	210	---	5	72	133	---	---	0	---
6811 meat, fresh, frozen	22	---	---	6	16	---	---	0	---
6817 meat, prepared	15	---	---	0	15	---	---	---	---
6822 dairy products	20	---	---	0	20	---	---	---	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound*	Downbnd*
6835 fish, prepared	2	—	—	1	1	—	—	0	—
6838 tallow, animal oils	0	—	—	0	—	—	—	—	—
6839 animals & prod. nec	32	—	—	21	11	—	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—	—
6857 fruit & nuts nec	28	—	—	5	23	—	—	—	—
6858 fruit juices	12	—	—	6	6	—	—	0	—
6861 sugar	0	—	—	0	0	—	—	—	—
6871 coffee	4	—	—	3	0	—	—	—	—
6885 alcoholic beverages	17	—	—	16	1	—	—	—	—
6888 water & ice	4	—	—	4	0	—	—	—	—
6889 food products nec	17	—	—	4	13	—	—	0	—
6891 tobacco & products	0	—	—	0	0	—	—	—	—
6893 cotton	0	—	—	0	—	—	—	—	—
6894 natural fibers nec	5	—	5	0	0	—	—	—	—
6899 farm products nec	31	—	—	3	27	—	—	0	—
Total all manufactured equipment, machinery and products	976	84	4	782	105	—	—	2	0
7110 machinery (not elec)	36	7	0	17	11	—	—	0	—
7120 electrical machinery	31	5	—	22	3	—	—	0	0
7210 vehicles & parts	672	69	1	564	39	—	—	0	—
7220 aircraft & parts	1	—	—	1	0	—	—	—	—
7230 ships & boats	0	0	—	0	0	—	—	—	—
7300 ordnance & access.	0	—	—	0	—	—	—	—	—
7400 manufac. wood prod.	21	1	0	9	11	—	—	0	—
7500 textile products	28	0	3	19	6	—	—	0	—
7600 rubber & plastic pr.	70	1	—	64	5	—	—	0	—
7900 manufac. prod. nec	116	0	—	85	29	—	—	2	—
Total unknown or not elsewhere classified	59	5	2	25	16	—	—	11	—
9900 unknown or nec	59	5	2	25	16	—	—	11	—
Ton-miles (x1000) Foreign & Canadian	2,769,986	120,437	1,080,005	352,313	1,119,130	9,680	3,542	84,245	632

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	4,113	627	356	2,943	187
Total petroleum and petroleum products	3,147	87	1	2,881	178
Subtotal crude petroleum	16	—	—	—	16
2100 crude petroleum	16	—	—	—	16
Subtotal petroleum products	3,132	87	1	2,881	162
2211 gasoline	1,798	33	—	1,758	7
2330 distillate fuel oil	665	49	—	600	15
2340 residual fuel oil	423	4	1	353	65
2350 lube oil & greases	174	—	—	170	4
2429 naphtha & solvents	4	—	—	—	4
2430 asphalt, tar & pitch	67	—	—	—	67
Total chemicals and related products	74	61	2	6	6
Subtotal other chemicals and related products	74	61	2	6	6
3212 benzene & toluene	61	61	—	—	—
3286 plastics	2	—	2	—	0
3297 chemical additives	11	—	—	6	6
Total crude materials, inedible except fuels	829	479	292	56	1
Subtotal forest products, wood and chips	822	472	292	56	1
4161 wood chips	472	472	—	—	—
4170 wood in the rough	58	—	3	56	0
4189 lumber	291	—	290	—	1
Subtotal soil, sand, gravel, rock and stone	7	7	—	—	—
4331 sand & gravel	7	7	—	—	—
Total primary manufactured goods	62	—	60	—	2
Subtotal paper products	24	—	23	—	1
5190 paper products nec	24	—	23	—	1
Subtotal lime, cement and glass	0	—	0	—	—
5290 misc. mineral prod.	0	—	0	—	—
Subtotal primary iron and steel products	21	—	21	—	0
5360 i&s bars & shapes	21	—	21	—	0
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	17	—	16	—	0
5540 primary wood prod.	17	—	16	—	0

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total food and farm products	0	—	0	—	—
Subtotal fish	0	—	0	—	—
6134 fish (not shellfish)	0	—	0	—	—
Total all manufactured equipment, machinery and products	1	—	1	—	0
7110 machinery (not elec)	0	—	0	—	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	0
7400 manufac. wood prod.	0	—	0	—	—
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	0	—	0	—	—
Total unknown or not elsewhere classified	0	—	—	0	—
9900 unknown or nec	0	—	—	0	—
Ton-miles (x1000) Coastwise	369,676	38,187	24,766	288,388	18,334

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	11,838	1,027	1,401	346	2,225	2,534	2,176	688	1,440
Total petroleum and petroleum products	2,588	456	88	149	102	1,717	64	10	1
Subtotal petroleum products	2,588	456	88	149	102	1,717	64	10	1
2211 gasoline	1,307	9	1	46	78	1,169	2	2	—
2330 distillate fuel oil	52	4	3	—	24	1	20	—	—
2340 residual fuel oil	1,228	443	84	103	1	546	42	8	1
2350 lube oil & greases	1	0	0	0	—	0	—	0	—
Total chemicals and related products	104	6	3	34	1	9	—	23	28
Subtotal fertilizers	96	6	3	34	—	9	—	23	21
3110 nitrogenous fert.	96	6	3	34	—	9	—	23	21
Subtotal other chemicals and related products	8	—	—	—	1	—	—	—	7
3220 alcohols	1	—	—	—	1	—	—	—	—
3274 sodium hydroxide	7	—	—	—	—	—	—	—	7
Total crude materials, inedible except fuels	3,860	560	105	157	1,113	808	35	436	644
Subtotal forest products, wood and chips	885	59	64	103	54	—	3	152	451
4150 fuel wood	2	—	—	—	—	—	—	—	2
4161 wood chips	564	54	52	42	—	—	—	129	286
4170 wood in the rough	319	4	11	61	54	—	3	23	163
4189 lumber	0	—	—	—	—	—	—	—	0
Subtotal pulp and waste paper	19	—	19	—	—	—	—	—	—
4225 pulp & waste paper	19	—	19	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	2,920	502	21	54	1,059	808	—	284	193
4331 sand & gravel	2,920	502	21	54	1,059	808	—	284	193
Subtotal iron ore and scrap	35	—	2	—	1	—	32	—	—
4420 iron & steel scrap	35	—	2	—	1	—	32	—	—
Total primary manufactured goods	1	—	—	—	—	—	—	0	0
Subtotal lime, cement and glass	0	—	—	—	—	—	—	—	0
5290 misc. mineral prod.	0	—	—	—	—	—	—	—	0
Subtotal primary iron and steel products	0	—	—	—	—	—	—	0	—
5360 i&s bars & shapes	0	—	—	—	—	—	—	0	—
Total food and farm products	4,962	4	1,191	6	986	—	2,004	5	766
Subtotal grain	4,784	4	1,191	6	810	—	2,004	5	763
6241 wheat	4,600	4	1,130	6	793	—	1,904	5	758
6344 corn	1	—	—	—	1	—	—	—	—
6443 barley & rye	183	—	62	—	16	—	100	—	5
Subtotal vegetable products	18	—	—	—	18	—	—	—	—
6654 vegetables & prod.	18	—	—	—	18	—	—	—	—
Subtotal processed grain and animal feed	40	—	—	—	40	—	—	—	—
6781 hay & fodder	40	—	—	—	40	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal other agricultural products	120	---	---	---	117	---	---	---	2
6822 dairy products	7	---	---	---	7	---	---	---	---
6887 groceries	109	---	---	---	107	---	---	---	2
6888 water & ice	0	---	---	---	0	---	---	---	---
6899 farm products nec	3	---	---	---	3	---	---	---	---
Total all manufactured equipment, machinery and products	111	---	14	---	23	0	72	---	2
7400 manufac. wood prod.	0	---	---	---	---	---	---	---	0
7900 manufac. prod. nec	110	---	14	---	23	0	72	---	2
Total waste and scrap nec	213	---	---	---	---	---	---	213	---
8900 waste and scrap nec	213	---	---	---	---	---	---	213	---
Ton-miles (x1000)	1,811,047	78,715	299,894	55,025	258,400	383,875	468,578	54,870	211,691
Internal									
Tons All Traffic (x1000)		47,158							
Ton-miles All Traffic (x1000)		4,950,708							
Total Trip-ton-miles Internal and Intraport (x1000)		2,240,532							

*Includes 10,903 tons of foreign inbound in-transits; Includes 28,517 tons of foreign outbound in-transits;
Includes 9,462 tons of foreign upbound through in-transits; Includes 173,004 tons of foreign downbound through in-transits;
Includes 1,875 tons of Canadian upbound through in-transits; Includes 110 tons of Canadian downbound through in-transits.

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR

Section Included: Columbia River from mouth to the mouth of Willamette River; Willamette River from mouth to Broadway Bridge at Portland, OR, a distance of 113 miles; Columbia River from mouth of Willamette River to Interstate Bridge, Vancouver, WA, a distance of 5 miles. Controlling Depth: Mouth of Columbia River to mouth of Willamette and up the Willamette to Broadway Bridge in Portland, 38 feet; in the reach of Columbia River from the mouth of Willamette River to the lower turning basin at Vancouver, WA, 38 feet. Project Depth: 40 feet in main channel from mouth of Columbia River to Broadway Bridge at Portland, OR; 40 feet in Columbia River from mouth of Willamette River to Railroad Bridge, Vancouver, WA; 35 feet from Railroad Bridge to Interstate Bridge, Vancouver, WA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	50,703	1997	53,098	2000	55,529	2003	47,389
1995	58,446	1998	49,543	2001	50,997		
1996	52,559	1999	50,905	2002	45,458		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound	Outbound	Through Upbound*
				Upbound*	Downbnd*			
Total, all commodities	31,207	3,671	23,368	1,371	1,758	971	63	5
Total coal	0	---	---	0	---	---	---	---
1100 coal lignite	0	---	---	0	---	---	---	---
Total petroleum and petroleum products	1,819	699	838	0	2	218	62	---
Subtotal crude petroleum	220	220	---	---	---	---	---	---
2100 crude petroleum	220	220	---	---	---	---	---	---
Subtotal petroleum products	1,599	479	838	0	2	218	62	---
2211 gasoline	409	401	---	---	---	8	---	---
2221 kerosene	23	17	---	---	---	---	6	---
2330 distillate fuel oil	111	8	---	---	0	103	---	---
2340 residual fuel oil	141	38	---	---	---	103	---	---
2350 lube oil & greases	0	0	---	0	0	---	---	---
2410 petro. jelly & waxes	0	0	---	0	0	---	---	---
2429 naphtha & solvents	4	---	---	0	1	3	---	---
2430 asphalt, tar & pitch	14	14	---	---	0	---	---	---
2540 petroleum coke	895	---	838	---	0	---	56	---
2640 liquid natural gas	0	---	---	0	---	---	---	---
Total chemicals and related products	5,602	651	4,784	29	49	90	---	0
Subtotal fertilizers	1,957	350	1,607	0	0	---	---	---
3110 nitrogenous fert.	339	339	---	0	---	---	---	---
3130 potassic fert.	1,600	---	1,600	---	---	---	---	---
3190 fert. & mixes nec	18	12	7	0	0	---	---	---
Subtotal other chemicals and related products	3,645	301	3,177	29	49	90	---	0
3211 acyclic hydrocarbons	16	---	---	---	0	16	---	---
3212 benzene & toluene	30	30	---	---	---	---	---	---
3219 other hydrocarbons	0	0	---	0	0	---	---	---
3220 alcohols	40	39	0	1	1	---	---	---
3230 carboxylic acids	7	0	0	1	6	---	---	---

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound	Outbound	Through
				Upbound*	Downbnd*			Upbound*
3240 nitrogen func. comp.	0	—	—	0	0	—	—	—
3250 organo - inorg. comp.	1	—	—	0	0	—	—	—
3260 organic comp. nec	6	—	0	0	5	—	—	—
3272 sulphuric acid	0	—	—	—	0	—	—	—
3273 ammonia	77	28	—	—	—	49	—	—
3274 sodium hydroxide	210	192	—	7	0	12	—	—
3275 inorg. elem., oxides, & halogen salts	42	6	30	3	3	—	—	—
3276 metallic salts	2,803	6	2,792	5	1	—	—	—
3279 inorganic chem. nec	1	0	—	1	0	—	—	—
3281 radioactive material	0	—	—	0	—	—	—	—
3282 pigments & paints	2	—	0	1	1	—	—	—
3283 coloring mat. nec	0	0	—	0	0	—	—	—
3284 medicines	1	0	0	1	0	—	—	—
3285 perfumes & cleansers	3	0	0	1	2	—	—	0
3286 plastics	34	1	1	6	27	—	—	0
3291 pesticides	0	—	—	0	0	—	—	—
3292 starches, gluten, glue	354	0	354	1	0	—	—	—
3293 explosives	0	—	—	0	—	—	—	—
3297 chemical additives	0	—	—	0	0	—	—	—
3298 wood & resin chem.	7	—	—	0	—	7	—	—
3299 chem. products nec	10	0	0	1	2	6	—	—
Total crude materials, inedible except fuels	3,998	658	2,357	119	260	603	—	1
Subtotal forest products, wood and chips	2,068	116	1,659	113	91	89	—	1
4110 rubber & gums	0	—	—	0	—	—	—	—
4150 fuel wood	1	—	—	0	0	—	—	—
4161 wood chips	75	0	—	—	—	75	—	—
4170 wood in the rough	1,714	40	1,645	10	4	14	—	—
4189 lumber	279	76	13	103	86	—	—	1
4190 forest products nec	0	—	0	0	0	—	—	—
Subtotal pulp and waste paper	165	7	64	0	93	—	—	—
4225 pulp & waste paper	165	7	64	0	93	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,007	489	—	4	1	514	—	—
4310 building stone	3	0	—	3	0	—	—	—
4322 limestone	514	—	—	—	—	514	—	—
4323 gypsum	489	489	—	—	—	—	—	—
4331 sand & gravel	1	0	—	0	1	—	—	—
Subtotal iron ore and scrap	373	—	333	0	39	—	—	—
4410 iron ore	0	—	—	0	—	—	—	—
4420 iron & steel scrap	373	—	333	0	39	—	—	—
Subtotal marine shells	0	—	—	—	0	—	—	—
4515 marine shells	0	—	—	—	0	—	—	—
Subtotal non-ferrous ores and scrap	103	46	39	1	17	—	—	—
4630 copper ore	0	—	—	—	0	—	—	—
4650 aluminum ore	79	41	38	0	0	—	—	—
4670 manganese ore	5	5	—	—	—	—	—	—
4680 non-ferrous scrap	17	—	0	—	16	—	—	—
4690 non-ferrous ores nec	1	0	—	1	0	—	—	—
Subtotal sulphur, clay and salt	254	—	249	1	5	—	—	—
4782 clay & refrac. mat.	254	—	249	1	5	—	—	—
Subtotal other non-metal. min.	28	—	14	0	14	—	—	—
4900 non-metal. min. nec	28	—	14	0	14	—	—	—
Total primary manufactured goods	2,562	1,219	301	643	348	49	—	2
Subtotal paper products	509	1	295	13	199	0	—	1
5110 newsprint	295	—	289	—	6	—	—	—
5120 paper & paperboard	188	0	5	9	173	0	—	0
5190 paper products nec	26	1	1	4	20	—	—	0
Subtotal lime, cement and glass	669	534	1	26	59	49	—	0
5220 cement & concrete	582	533	—	0	—	49	—	—
5240 glass & glass prod.	10	0	0	6	3	—	—	0
5290 misc. mineral prod.	77	1	1	20	56	0	—	0
Subtotal primary iron and steel products	1,139	599	0	538	3	—	—	0
5312 pig iron	0	0	—	0	—	—	—	—
5315 ferro alloys	34	34	—	0	0	—	—	—
5320 i&s primary forms	581	56	0	525	0	—	—	0
5330 i&s plates & sheets	348	341	—	7	0	—	—	—
5360 i&s bars & shapes	20	19	—	1	1	—	—	—
5370 i&s pipe & tube	69	67	—	2	0	—	—	—
5390 primary i&s nec	87	83	—	2	1	—	—	0
Subtotal primary non-ferrous metal products	153	37	1	51	63	0	—	1
5421 copper	12	0	—	12	0	—	—	—
5422 aluminum	5	4	—	0	0	—	—	0
5429 smelted prod. nec	60	9	1	1	49	—	—	—
5480 fab. metal products	75	24	1	37	13	0	—	1
Subtotal primary wood products	92	48	4	15	24	—	—	—
5540 primary wood prod.	92	48	4	15	24	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through Upbound*	Downbnd*	Inbound	Outbound	Through Upbound*
Total food and farm products	16,191	58	15,079	70	983	---	---	1
Subtotal fish	20	0	0	2	17	---	---	0
6134 fish (not shellfish)	18	0	0	1	17	---	---	0
6136 shellfish	2	---	0	2	0	---	---	---
Subtotal grain	11,646	32	11,586	1	28	---	---	---
6241 wheat	9,409	---	9,388	---	21	---	---	---
6344 corn	1,665	---	1,660	1	4	---	---	---
6443 barley & rye	522	---	519	0	2	---	---	---
6445 oats	32	32	---	---	0	---	---	---
6447 sorghum grains	18	---	18	---	---	---	---	---
Subtotal oilseeds	3,095	0	3,094	0	0	---	---	0
6522 soybeans	2,722	---	2,722	---	0	---	---	0
6590 oilseeds nec	373	0	373	0	0	---	---	---
Subtotal vegetable products	233	0	19	9	205	---	---	0
6653 vegetable oils	2	0	0	1	1	---	---	---
6654 vegetables & prod.	231	0	19	7	204	---	---	0
Subtotal processed grain and animal feed	986	1	369	10	605	---	---	0
6746 wheat flour	3	---	0	---	3	---	---	0
6747 grain mill products	27	0	4	0	22	---	---	---
6781 hay & fodder	579	0	35	3	541	---	---	0
6782 animal feed, prep.	377	1	330	7	39	---	---	---
Subtotal other agricultural products	210	24	10	48	128	---	---	0
6811 meat, fresh, frozen	22	1	0	5	16	---	---	0
6817 meat, prepared	15	0	1	0	14	---	---	---
6822 dairy products	20	---	0	0	20	---	---	---
6835 fish, prepared	2	0	0	1	1	---	---	0
6838 tallow, animal oils	0	---	---	0	---	---	---	---
6839 animals & prod. nec	32	21	0	0	10	---	---	---
6856 bananas & plantains	0	0	---	0	---	---	---	---
6857 fruit & nuts nec	28	0	1	5	21	---	---	---
6858 fruit juices	12	1	0	6	6	---	---	0
6861 sugar	0	---	---	0	0	---	---	---
6871 coffee	4	0	0	3	0	---	---	---
6885 alcoholic beverages	17	1	0	15	1	---	---	---
6888 water & ice	4	0	---	4	0	---	---	---
6889 food products nec	17	1	1	4	12	---	---	0
6891 tobacco & products	0	0	---	0	0	---	---	---
6893 cotton	0	---	---	0	---	---	---	---
6894 natural fibers nec	5	0	5	0	0	---	---	---
6899 farm products nec	31	0	1	3	26	---	---	0
Total all manufactured equipment, machinery and products	976	370	7	496	101	0	0	2
7110 machinery (not elec)	36	9	1	16	10	---	---	0
7120 electrical machinery	31	7	0	21	3	0	0	0
7210 vehicles & parts	672	332	1	301	38	0	---	0
7220 aircraft & parts	1	0	---	1	0	---	---	---
7230 ships & boats	0	0	0	0	0	---	---	---
7300 ordnance & access.	0	---	---	0	---	---	---	---
7400 manufac. wood prod.	21	1	1	8	11	0	---	0
7500 textile products	28	1	3	19	6	0	---	0
7600 rubber & plastic pr.	70	7	0	58	4	0	---	---
7900 manufac. prod. nec	116	13	1	72	28	0	---	1
Total unknown or not elsewhere classified	59	17	2	14	16	11	---	0
9900 unknown or nec	59	17	2	14	16	11	---	0
Ton-miles (x1000)	2,908,771	356,723	2,125,253	139,873	179,367	102,802	4,232	521
Foreign & Canadian								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through Upbound	Downbnd
Total, all commodities	4,113	3,488	543	82	1
Total petroleum and petroleum products	3,147	2,968	179	---	---
Subtotal crude petroleum	16	---	16	---	---
2100 crude petroleum	16	---	16	---	---
Subtotal petroleum products	3,132	2,968	164	---	---
2211 gasoline	1,798	1,791	7	---	---
2330 distillate fuel oil	665	650	15	---	---
2340 residual fuel oil	423	357	66	---	---
2350 lube oil & greases	174	170	4	---	---
2429 naphtha & solvents	4	---	4	---	---
2430 asphalt, tar & pitch	67	---	67	---	---
Total chemicals and related products	74	66	7	---	---
Subtotal other chemicals and related products	74	66	7	---	---
3212 benzene & toluene	61	61	---	---	---

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
3286 plastics	2	—	2	—	—
3297 chemical additives	11	6	6	—	—
Total crude materials, inedible except fuels	829	454	294	82	0
Subtotal forest products, wood and chips	822	446	294	82	0
4161 wood chips	472	446	—	26	—
4170 wood in the rough	58	—	3	56	—
4189 lumber	291	—	291	—	0
Subtotal soil, sand, gravel, rock and stone	7	7	—	—	—
4331 sand & gravel	7	7	—	—	—
Total primary manufactured goods	62	—	62	—	0
Subtotal paper products	24	—	24	—	—
5190 paper products nec	24	—	24	—	—
Subtotal lime, cement and glass	0	—	—	—	0
5290 misc. mineral prod.	0	—	—	—	0
Subtotal primary iron and steel products	21	—	21	—	—
5360 i&s bars & shapes	21	—	21	—	—
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	17	—	17	—	—
5540 primary wood prod.	17	—	17	—	—
Total food and farm products	0	—	0	—	—
Subtotal fish	0	—	0	—	—
6134 fish (not shellfish)	0	—	0	—	—
Total all manufactured equipment, machinery and products	1	—	0	—	0
7110 machinery (not elec)	0	—	0	—	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7400 manufac. wood prod.	0	—	—	—	0
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	0	—	0	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—
Ton-miles (x1000) Coastwise	394,095	341,217	44,529	8,287	62

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	12,069	3,991	2,734	710	2,261	972	325	744	332
Total petroleum and petroleum products	2,707	2	0	156	2,127	—	—	334	88
Subtotal petroleum products	2,707	2	0	156	2,127	—	—	334	88
2211 gasoline	1,317	2	—	46	1,173	—	—	96	—
2330 distillate fuel oil	79	—	—	—	22	—	—	54	3
2340 residual fuel oil	1,311	—	0	110	932	—	—	184	85
2350 lube oil & greases	1	—	—	—	0	—	—	0	0
Total chemicals and related products	97	—	8	43	15	—	—	19	11
Subtotal fertilizers	85	—	8	43	15	—	—	15	4
3110 nitrogenous fert.	85	—	8	43	15	—	—	15	4
Subtotal other chemicals and related products	12	—	—	—	—	—	—	5	7
3220 alcohols	5	—	—	—	—	—	—	5	—
3274 sodium hydroxide	7	—	—	—	—	—	—	—	7
Total crude materials, inedible except fuels	3,953	1,175	767	297	116	972	57	344	224
Subtotal forest products, wood and chips	587	58	292	28	11	3	44	104	48
4161 wood chips	390	53	204	17	—	1	—	90	26
4170 wood in the rough	197	4	88	12	11	2	44	14	22
Subtotal pulp and waste paper	19	—	19	—	—	—	—	—	—
4225 pulp & waste paper	19	—	19	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,312	1,084	455	269	105	969	13	241	176
4331 sand & gravel	3,312	1,084	455	269	105	969	13	241	176
Subtotal iron ore and scrap	35	34	2	—	—	—	—	—	—
4420 iron & steel scrap	35	34	2	—	—	—	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total primary manufactured goods	0	---	---	0	---	---	---	---	---
Subtotal primary iron and steel products	0	---	---	0	---	---	---	---	---
5360 i&s bars & shapes	0	---	---	0	---	---	---	---	---
Total food and farm products	4,989	2,814	1,944	---	---	---	176	46	9
Subtotal grain	4,812	2,814	1,942	---	---	---	1	46	9
6241 wheat	4,627	2,697	1,875	---	---	---	---	46	9
6344 corn	1	---	---	---	---	---	1	---	---
6443 barley & rye	183	117	67	---	---	---	---	---	---
Subtotal vegetable products	18	---	---	---	---	---	18	---	---
6654 vegetables & prod.	18	---	---	---	---	---	18	---	---
Subtotal processed grain and animal feed	40	---	---	---	---	---	40	---	---
6781 hay & fodder	40	---	---	---	---	---	40	---	---
Subtotal other agricultural products	120	---	2	---	---	---	117	0	---
6822 dairy products	7	---	---	---	---	---	7	---	---
6887 groceries	109	---	2	---	---	---	107	---	---
6888 water & ice	0	---	---	---	---	---	---	0	---
6899 farm products nec	3	---	---	---	---	---	3	---	---
Total all manufactured equipment, machinery and products	109	---	13	---	3	0	92	---	---
7900 manufac. prod. nec	109	---	13	---	3	0	92	---	---
Total waste and scrap nec	213	---	---	213	---	---	---	---	---
8900 waste and scrap nec	213	---	---	213	---	---	---	---	---
Ton-miles (x1000)	171,397	58,635	41,321	7,988	28,148	16,840	1,034	10,306	7,126
Internal									
Tons All Traffic (x1000)		47,389							
Ton-miles All Traffic (x1000)		3,474,274							
Total Trip-ton-miles Internal and Intraport (x1000)		2,199,054							

*Includes 11,844 tons of foreign inbound in-transits; Includes 158,988 tons of foreign outbound in-transits;
Includes 8,521 tons of foreign upbound through in-transits; Includes 42,533 tons of foreign downbound through in-transits;
Includes 1,875 tons of Canadian upbound through in-transits.

PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Ports included: Bradwood, Wauna, Beaver Point, Rainier and Prescott, OR and Knappton, WA. Controlling Depth: 38 feet. Project Depth: 40 feet at low water in main channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	901	1997	955	2000	364	2003	395
1995	1,003	1998	477	2001	450		
1996	882	1999	332	2002	372		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic			
			Total	Coastwise		Internal
				Receipts	Receipts	
Total, all commodities	395	2	394	303	82	9
Total petroleum and petroleum products	0	---	0	---	0	---
Subtotal petroleum products	0	---	0	---	0	---
2330 distillate fuel oil	0	---	0	---	0	---
Total chemicals and related products	6	---	6	---	6	---
Subtotal fertilizers	6	---	6	---	6	---
3110 nitrogenous fert.	6	---	6	---	6	---
Total crude materials, inedible except fuels	389	2	388	303	76	9
Subtotal forest products, wood and chips	369	2	367	303	55	9
4161 wood chips	355	2	354	303	51	1
4170 wood in the rough	13	---	13	---	5	9
Subtotal soil, sand, gravel, rock and stone	20	---	20	---	20	---
4331 sand & gravel	20	---	20	---	20	---

PORT OF LONGVIEW, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 39 feet in channel and 39 feet in turning basin. Project Depth: 40 foot channel in Columbia River and 6,000 foot turning basin at low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	6,442	1997	5,540	2000	4,113	2003	5,025
1995	6,167	1998	4,279	2001	3,589		
1996	5,163	1999	3,984	2002	4,706		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound	Outbound
Total, all commodities	4,219	686	3,465	13	56
Total petroleum and petroleum products	888	10	822	—	56
Subtotal petroleum products	888	10	822	—	56
2430 asphalt, tar & pitch	10	10	—	—	—
2540 petroleum coke	878	—	822	—	56
Total chemicals and related products	188	80	108	—	—
Subtotal fertilizers	9	9	—	—	—
3110 nitrogenous fert.	9	9	—	—	—
Subtotal other chemicals and related products	179	71	108	—	—
3212 benzene & toluene	5	5	—	—	—
3274 sodium hydroxide	61	61	—	—	—
3276 metallic salts	113	6	108	—	—
Total crude materials, inedible except fuels	2,187	489	1,686	13	—
Subtotal forest products, wood and chips	1,667	—	1,654	13	—
4161 wood chips	13	—	—	13	—
4170 wood in the rough	1,645	—	1,645	—	—
4189 lumber	9	—	9	—	—
Subtotal pulp and waste paper	11	—	11	—	—
4225 pulp & waste paper	11	—	11	—	—
Subtotal soil, sand, gravel, rock and stone	489	489	—	—	—
4323 gypsum	489	489	—	—	—
Subtotal sulphur, clay and salt	8	—	8	—	—
4782 clay & refrac. mat.	8	—	8	—	—
Subtotal other non-metal. min.	13	—	13	—	—
4900 non-metal. min. nec	13	—	13	—	—
Total primary manufactured goods	358	69	289	—	—
Subtotal paper products	289	—	289	—	—
5110 newsprint	289	—	289	—	—
Subtotal lime, cement and glass	25	25	—	—	—
5220 cement & concrete	25	25	—	—	—
Subtotal primary iron and steel products	41	41	—	—	—
5315 ferro alloys	0	0	—	—	—
5320 i&s primary forms	20	20	—	—	—
5330 i&s plates & sheets	11	11	—	—	—
5360 i&s bars & shapes	0	0	—	—	—
5370 i&s pipe & tube	10	10	—	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—
5422 aluminum	0	0	—	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	3	3	0	—	—
5540 primary wood prod.	3	3	0	—	—
Total food and farm products	591	32	559	—	—
Subtotal grain	205	32	173	—	—
6241 wheat	152	—	152	—	—
6344 corn	7	—	7	—	—
6443 barley & rye	14	—	14	—	—
6445 oats	32	32	—	—	—
Subtotal oilseeds	325	—	325	—	—
6522 soybeans	7	—	7	—	—
6590 oilseeds nec	318	—	318	—	—
Subtotal processed grain and animal feed	58	—	58	—	—
6781 hay & fodder	25	—	25	—	—
6782 animal feed, prep.	33	—	33	—	—
Subtotal other agricultural products	2	—	2	—	—
6894 natural fibers nec	2	—	2	—	—
Total all manufactured equipment, machinery and products	7	7	0	—	—
7110 machinery (not elec)	4	4	0	—	—
7120 electrical machinery	3	3	—	—	—
7210 vehicles & parts	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	1	0	1	—	—
9900 unknown or nec	1	0	1	—	—

PORT OF LONGVIEW, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	805	135	212	457	1
Total petroleum and petroleum products	58	—	—	56	1
Subtotal petroleum products	58	—	—	56	1
2340 residual fuel oil	58	—	—	56	1
2350 lube oil & greases	0	—	—	0	0
Total chemicals and related products	9	—	2	7	—
Subtotal other chemicals and related products	9	—	2	7	—
3274 sodium hydroxide	7	—	—	7	—
3286 plastics	2	—	2	—	—
Total crude materials, inedible except fuels	679	135	150	394	—
Subtotal forest products, wood and chips	679	135	150	394	—
4161 wood chips	457	135	—	322	—
4170 wood in the rough	74	—	2	72	—
4189 lumber	147	—	147	—	—
Total primary manufactured goods	60	—	60	—	—
Subtotal paper products	23	—	23	—	—
5190 paper products nec	23	—	23	—	—
Subtotal primary iron and steel products	21	—	21	—	—
5360 i&s bars & shapes	21	—	21	—	—
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	16	—	16	—	—
5540 primary wood prod.	16	—	16	—	—
Total all manufactured equipment, machinery and products	0	—	0	—	—
7110 machinery (not elec)	0	—	0	—	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	0	—	0	—	—

*Includes 7,920 tons of foreign outbound in-transits.

PORT OF KALAMA, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 37 feet. Project Depth: 40 feet at low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	5,351	1997	8,301	2000	5,791	2003	7,659
1995	11,347	1998	4,717	2001	6,640		
1996	8,223	1999	6,956	2002	6,386		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Inbound	Outbound	Total	Coastwise	Internal		
					Receipts	Receipts	Shipments	Intraport
Total, all commodities	7,659	220	6,438	1,001	61	908	27	5
Total petroleum and petroleum products	12	—	—	12	—	12	—	—
Subtotal petroleum products	12	—	—	12	—	12	—	—
2340 residual fuel oil	12	—	—	12	—	12	—	—
2350 lube oil & greases	0	—	—	0	—	0	—	—
Total chemicals and related products	155	24	70	61	61	—	—	—
Subtotal other chemicals and related products	155	24	70	61	61	—	—	—
3212 benzene & toluene	85	24	—	61	61	—	—	—
3292 starches, gluten, glue	70	—	70	—	—	—	—	—
Total crude materials, inedible except fuels	36	—	1	35	—	19	16	—
Subtotal forest products, wood and chips	36	—	1	35	—	19	16	—
4170 wood in the rough	35	—	—	35	—	19	16	—
4189 lumber	1	—	1	—	—	—	—	—
Total primary manufactured goods	193	193	—	—	—	—	—	—
Subtotal primary iron and steel products	192	192	—	—	—	—	—	—
5315 ferro alloys	8	8	—	—	—	—	—	—

PORT OF KALAMA, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Inbound	Outbound	Total	Coastwise Receipts	Internal		
						Receipts	Shipments	Inraport
5320 i&s primary forms	11	11	—	—	—	—	—	—
5330 i&s plates & sheets	172	172	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	1	1	—	—	—	—	—	—
5422 aluminum	1	1	—	—	—	—	—	—
Total food and farm products	7,261	—	6,367	894	—	877	11	5
Subtotal grain	4,277	—	3,383	894	—	877	11	5
6241 wheat	2,408	—	1,575	833	—	817	11	5
6344 corn	1,581	—	1,581	—	—	—	—	—
6443 barley & rye	270	—	209	61	—	61	—	—
6447 sorghum grains	18	—	18	—	—	—	—	—
Subtotal oilseeds	2,679	—	2,679	—	—	—	—	—
6522 soybeans	2,679	—	2,679	—	—	—	—	—
Subtotal vegetable products	14	—	14	—	—	—	—	—
6654 vegetables & prod.	14	—	14	—	—	—	—	—
Subtotal processed grain and animal feed	292	—	292	—	—	—	—	—
6782 animal feed, prep.	292	—	292	—	—	—	—	—
Total all manufactured equipment, machinery and products	0	0	0	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—	—
7500 textile products	0	—	0	—	—	—	—	—
Total unknown or not elsewhere classified	2	2	—	—	—	—	—	—
9900 unknown or nec	2	2	—	—	—	—	—	—

MULTNOMAH CHANNEL, OR

Section Included: A side channel from the Willamette River near Portland, OR, to the Columbia River near St. Helens, OR, a distance of about 22 miles. Controlling Depth: 18 feet in a 300-foot channel at north end; 8 feet in a 250-foot channel at south end; 8 to 50 feet in remainder of channel. Project Depth: 25 feet deep and 5,000 feet long at the Columbia River end; 25 feet deep and 9,500 feet long at the Willamette River end.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,360	1997	1,298	2000	1,400	2003	1,558
1995	1,616	1998	1,267	2001	1,621		
1996	1,783	1999	1,203	2002	1,305		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Coastwise Receipts	Domestic			
			Internal		Outbound	
			Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,558	56	212	62	326	902
Total petroleum and petroleum products	62	—	—	62	—	—
Subtotal petroleum products	62	—	—	62	—	—
2330 distillate fuel oil	20	—	—	20	—	—
2340 residual fuel oil	42	—	—	42	—	—
Total crude materials, inedible except fuels	1,496	56	212	—	326	902
Subtotal forest products, wood and chips	131	56	63	—	—	13
4170 wood in the rough	131	56	63	—	—	13
Subtotal soil, sand, gravel, rock and stone	1,365	—	149	—	326	890
4331 sand & gravel	1,365	—	149	—	326	890
Ton-miles (x1000)	12,483	1,338	361	1,495	7,497	1,792

Tons All Traffic (x1000) **1,558**
Ton-miles All Traffic (x1000) **12,483**
Total Trip-ton-miles Internal and Inraport (x1000) **36,233**

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

Section Included: From deep water in the Columbia River to a point above the Portland Union Stock Yards, a distance of nearly 4 miles. Controlling Depth: 10 feet. Project Depth: 20 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	3,730	1997	3,608	2000	3,667	2003	3,542
1995	3,592	1998	3,103	2001	3,589		
1996	2,928	1999	3,717	2002	3,422		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
					Upbound	Inbound	Outbound
Total, all commodities	3,542	1,371	1,758	5	407	401	6
Total coal	0	0	---	---	---	---	---
1100 coal lignite	0	0	---	---	---	---	---
Total petroleum and petroleum products	47	0	2	---	45	44	0
Subtotal petroleum products	47	0	2	---	45	44	0
2330 distillate fuel oil	0	---	0	---	0	0	---
2340 residual fuel oil	45	---	---	---	45	44	0
2350 lube oil & greases	0	0	0	---	0	0	---
2410 petro. jelly & waxes	0	0	0	---	---	---	---
2429 naphtha & solvents	1	0	1	---	---	---	---
2430 asphalt, tar & pitch	0	---	0	---	---	---	---
2540 petroleum coke	0	---	0	---	---	---	---
2640 liquid natural gas	0	0	---	---	---	---	---
Total chemicals and related products	78	29	49	0	---	---	---
Subtotal fertilizers	0	0	0	---	---	---	---
3110 nitrogenous fert.	0	0	---	---	---	---	---
3190 fert. & mixes nec	0	0	0	---	---	---	---
Subtotal other chemicals and related products	77	29	49	0	---	---	---
3211 acyclic hydrocarbons	0	---	0	---	---	---	---
3219 other hydrocarbons	0	0	0	---	---	---	---
3220 alcohols	2	1	1	---	---	---	---
3230 carboxylic acids	7	1	6	---	---	---	---
3240 nitrogen func. comp.	0	0	0	---	---	---	---
3250 organo - inorg. comp.	1	0	0	---	---	---	---
3260 organic comp. nec	6	0	5	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---
3274 sodium hydroxide	7	7	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	6	3	3	---	---	---	---
3276 metallic salts	5	5	1	---	---	---	---
3279 inorganic chem. nec	1	1	0	---	---	---	---
3281 radioactive material	0	0	---	---	---	---	---
3282 pigments & paints	2	1	1	---	---	---	---
3283 coloring mat. nec	0	0	0	---	---	---	---
3284 medicines	1	1	0	---	---	---	---
3285 perfumes & cleansers	3	1	2	0	---	---	---
3286 plastics	33	6	27	0	---	---	---
3291 pesticides	0	0	0	---	---	---	---
3292 starches, gluten, glue	1	1	0	---	---	---	---
3293 explosives	0	0	---	---	---	---	---
3297 chemical additives	0	0	0	---	---	---	---
3298 wood & resin chem.	0	0	---	---	---	---	---
3299 chem. products nec	4	1	2	---	---	---	---
Total crude materials, inedible except fuels	469	119	260	1	88	85	3
Subtotal forest products, wood and chips	210	113	91	1	5	2	3
4110 rubber & gums	0	0	---	---	---	---	---
4150 fuel wood	1	0	0	---	---	---	---
4170 wood in the rough	19	10	4	---	5	2	3
4189 lumber	189	103	86	1	---	---	---
4190 forest products nec	0	0	0	---	---	---	---
Subtotal pulp and waste paper	94	0	93	---	---	---	---
4225 pulp & waste paper	94	0	93	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	88	4	1	---	83	83	---
4310 building stone	3	3	0	---	---	---	---
4331 sand & gravel	84	0	1	---	83	83	---
Subtotal iron ore and scrap	40	0	39	---	---	---	---
4410 iron ore	0	0	---	---	---	---	---
4420 iron & steel scrap	40	0	39	---	---	---	---
Subtotal marine shells	0	---	0	---	---	---	---
4515 marine shells	0	---	0	---	---	---	---
Subtotal non-ferrous ores and scrap	18	1	17	---	---	---	---
4630 copper ore	0	---	0	---	---	---	---
4650 aluminum ore	1	0	0	---	---	---	---
4680 non-ferrous scrap	16	---	16	---	---	---	---
4690 non-ferrous ores nec	1	1	0	---	---	---	---
Subtotal sulphur, clay and sand	6	1	5	---	---	---	---
4782 clay & refrac. mat.	6	1	5	---	---	---	---
Subtotal other non-metal. min.	14	0	14	---	---	---	---
4900 non-metal. min. nec	14	0	14	---	---	---	---

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
						Inbound	Outbound
					Upbound	Downbnd	
Total primary manufactured goods	992	643	348	2	---	---	---
Subtotal paper products	213	13	199	1	---	---	---
5110 newsprint	6	---	6	---	---	---	---
5120 paper & paperboard	183	9	173	0	---	---	---
5190 paper products nec	25	4	20	0	---	---	---
Subtotal lime, cement and glass	85	26	59	0	---	---	---
5220 cement & concrete	0	0	---	---	---	---	---
5240 glass & glass prod.	10	6	3	0	---	---	---
5290 misc. mineral prod.	76	20	56	0	---	---	---
Subtotal primary iron and steel products	540	538	3	0	---	---	---
5312 pig iron	0	0	---	---	---	---	---
5315 ferro alloys	0	0	0	---	---	---	---
5320 i&s primary forms	525	525	0	0	---	---	---
5330 i&s plates & sheets	7	7	0	---	---	---	---
5360 i&s bars & shapes	1	1	1	---	---	---	---
5370 i&s pipe & tube	2	2	0	---	---	---	---
5390 primary i&s nec	4	2	1	0	---	---	---
Subtotal primary non-ferrous metal products	114	51	63	1	---	---	---
5421 copper	12	12	0	---	---	---	---
5422 aluminum	1	0	0	0	---	---	---
5429 smelted prod. nec	51	1	49	---	---	---	---
5480 fab. metal products	50	37	13	1	---	---	---
Subtotal primary wood products	39	15	24	---	---	---	---
5540 primary wood prod.	39	15	24	---	---	---	---
Total food and farm products	1,233	70	983	1	179	176	3
Subtotal fish	20	2	17	0	---	---	---
6134 fish (not shellfish)	18	1	17	0	---	---	---
6136 shellfish	2	2	0	---	---	---	---
Subtotal grain	32	1	28	---	4	1	3
6241 wheat	24	---	21	---	3	---	3
6344 corn	6	1	4	---	1	1	---
6443 barley & rye	2	0	2	---	---	---	---
6445 oats	0	---	0	---	---	---	---
Subtotal oilseeds	1	0	0	0	---	---	---
6522 soybeans	0	---	0	0	---	---	---
6590 oilseeds nec	1	0	0	---	---	---	---
Subtotal vegetable products	232	9	205	0	18	18	---
6653 vegetable oils	2	1	1	---	---	---	---
6654 vegetables & prod.	230	7	204	0	18	18	---
Subtotal processed grain and animal feed	655	10	605	0	40	40	---
6746 wheat flour	3	---	3	0	---	---	---
6747 grain mill products	23	0	22	---	---	---	---
6781 hay & fodder	584	3	541	0	40	40	---
6782 animal feed, prep.	46	7	39	---	---	---	---
Subtotal other agricultural products	293	48	128	0	117	117	---
6811 meat, fresh, frozen	21	5	16	0	---	---	---
6817 meat, prepared	14	0	14	---	---	---	---
6822 dairy products	27	0	20	---	7	7	---
6835 fish, prepared	2	1	1	0	---	---	---
6838 tallow, animal oils	0	0	---	---	---	---	---
6839 animals & prod. nec	11	0	10	---	---	---	---
6856 bananas & plantains	0	0	---	---	---	---	---
6857 fruit & nuts nec	26	5	21	---	---	---	---
6858 fruit juices	11	6	6	0	---	---	---
6861 sugar	0	0	0	---	---	---	---
6871 coffee	4	3	0	---	---	---	---
6885 alcoholic beverages	16	15	1	---	---	---	---
6887 groceries	107	---	---	---	107	107	---
6888 water & ice	4	4	0	---	---	---	---
6889 food products nec	16	4	12	0	---	---	---
6891 tobacco & products	0	0	0	---	---	---	---
6893 cotton	0	0	---	---	---	---	---
6894 natural fibers nec	0	0	0	---	---	---	---
6899 farm products nec	33	3	26	0	3	3	---
Total all manufactured equipment, machinery and products	694	496	101	2	95	95	0
7110 machinery (not elec)	26	16	10	0	---	---	---
7120 electrical machinery	24	21	3	0	---	---	---
7210 vehicles & parts	339	301	38	0	---	---	---
7220 aircraft & parts	1	1	0	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
					Inbound	Upbound	Downbnd
7300 ordnance & access	0	0	—	—	—	—	—
7400 manufac. wood prod.	19	8	11	0	—	—	—
7500 textile products	25	19	6	0	—	—	—
7600 rubber & plastic pr.	63	58	4	—	—	—	—
7900 manufac. prod. nec	196	72	28	1	95	95	0
Total unknown or not elsewhere classified	30	14	16	0	—	—	—
9900 unknown or nec	30	14	16	0	—	—	—

*Includes 8,521 tons of foreign inbound in-transits; Includes 42,533 tons of foreign outbound in-transits;
Includes 1,875 tons of Canadian inbound in-transits.

PORT OF VANCOUVER, WA

Section Included: (Statistics for that section of the port below Interstate Bridge are also included in the statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Interstate Bridge are also included in statistics for Columbia River from Vancouver, WA, to the Dalles, OR). Controlling Depth: 35 feet at low water for that section of the port below Railroad Bridge and 14 feet for that section of the port above Interstate Bridge. Project Depth: 40 feet at low water in the lower turning basin and 35 feet at low water in the upper turning basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	6,281	1997	7,838	2000	7,653	2003	6,631
1995	7,535	1998	7,849	2001	7,039		
1996	7,704	1999	7,825	2002	6,610		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	4,557	597	3,876	84
Total petroleum and petroleum products	92	69	16	7
Subtotal petroleum products	92	69	16	7
2211 gasoline	61	61	—	—
2330 distillate fuel oil	15	8	—	7
2540 petroleum coke	16	—	16	—
Total chemicals and related products	709	192	506	12
Subtotal fertilizers	90	59	30	—
3110 nitrogenous fert.	48	48	—	—
3130 potassic fert.	30	—	30	—
3190 fert. & mixes nec	11	11	—	—
Subtotal other chemicals and related products	620	132	476	12
3220 alcohols	1	1	—	—
3230 carboxylic acids	0	0	—	—
3274 sodium hydroxide	143	131	—	12
3275 inorg. elem., oxides, & halogen salts	0	0	—	—
3276 metallic salts	332	—	332	—
3286 plastics	0	0	—	—
3292 starches, gluten, glue	144	—	144	—
Total crude materials, inedible except fuels	357	54	286	16
Subtotal forest products, wood and chips	48	48	0	—
4170 wood in the rough	16	16	—	—
4189 lumber	32	32	0	—
Subtotal pulp and waste paper	52	7	45	—
4225 pulp & waste paper	52	7	45	—
Subtotal soil, sand, gravel, rock and stone	16	—	—	16
4322 limestone	16	—	—	16
Subtotal sulphur, clay and salt	241	—	241	—
4782 clay & refrac. mat.	241	—	241	—
Total primary manufactured goods	252	202	0	49
Subtotal lime, cement and glass	49	—	—	49
5220 cement & concrete	49	—	—	49
Subtotal primary iron and steel products	149	149	—	—
5320 i&s primary forms	10	10	—	—
5330 i&s plates & sheets	65	65	—	—
5360 i&s bars & shapes	17	17	—	—
5370 i&s pipe & tube	56	56	—	—
Subtotal primary non-ferrous metal products	20	20	—	—
5422 aluminum	2	2	—	—
5429 smelted prod. nec	8	8	—	—
5480 fab. metal products	10	10	—	—
Subtotal primary wood products	33	33	0	—
5540 primary wood prod.	33	33	0	—

PORT OF VANCOUVER, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total food and farm products	3,063	—	3,063	—
Subtotal grain	2,985	—	2,985	—
6241 wheat	2,964	—	2,964	—
6344 corn	7	—	7	—
6443 barley & rye	14	—	14	—
Subtotal oilseeds	75	—	75	—
6522 soybeans	36	—	36	—
6590 oilseeds nec	39	—	39	—
Subtotal other agricultural products	3	—	3	—
6894 natural fibers nec	3	—	3	—
Total all manufactured equipment, machinery and products	80	76	3	—
7110 machinery (not elec)	4	4	—	—
7120 electrical machinery	2	2	—	—
7210 vehicles & parts	69	69	0	—
7230 ships & boats	0	0	—	—
7400 manufac. wood prod.	1	1	—	—
7500 textile products	3	0	3	—
7600 rubber & plastic pr.	1	1	—	—
7900 manufac. prod. nec	0	0	—	—
Total unknown or not elsewhere classified	4	3	1	—
9900 unknown or nec	4	3	1	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,074	100	1	1,207	763	2
Total petroleum and petroleum products	415	87	1	67	258	2
Subtotal petroleum products	415	87	1	67	258	2
2211 gasoline	165	33	—	6	124	2
2330 distillate fuel oil	76	49	—	3	24	—
2340 residual fuel oil	174	4	1	58	110	—
2350 lube oil & greases	0	—	—	0	—	—
Total chemicals and related products	28	—	—	11	17	—
Subtotal fertilizers	20	—	—	11	9	—
3110 nitrogenous fert.	20	—	—	11	9	—
Subtotal other chemicals and related products	8	—	—	—	8	—
3220 alcohols	1	—	—	—	1	—
3274 sodium hydroxide	7	—	—	—	7	—
Total crude materials, inedible except fuels	322	13	—	37	272	—
Subtotal forest products, wood and chips	26	6	—	6	15	—
4161 wood chips	17	6	—	—	11	—
4170 wood in the rough	9	—	—	6	4	—
Subtotal pulp and waste paper	19	—	—	19	—	—
4225 pulp & waste paper	19	—	—	19	—	—
Subtotal soil, sand, gravel, rock and stone	275	7	—	11	257	—
4331 sand & gravel	275	7	—	11	257	—
Subtotal iron ore and scrap	2	—	—	2	—	—
4420 iron & steel scrap	2	—	—	2	—	—
Total primary manufactured goods	0	—	—	—	0	—
Subtotal primary iron and steel products	0	—	—	—	0	—
5360 i&s bars & shapes	0	—	—	—	0	—
Total food and farm products	1,080	—	—	1,080	—	—
Subtotal grain	1,078	—	—	1,078	—	—
6241 wheat	1,072	—	—	1,072	—	—
6443 barley & rye	6	—	—	6	—	—
Subtotal other agricultural products	2	—	—	2	—	—
6887 groceries	2	—	—	2	—	—
Total all manufactured equipment, machinery and products	16	—	—	13	3	—
7900 manufac. prod. nec	16	—	—	13	3	—
Total waste and scrap nec	213	—	—	—	213	—
8900 waste and scrap nec	213	—	—	—	213	—

*Includes 10,903 tons of foreign inbound in-transits; Includes 20,597 tons of foreign outbound in-transits.

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR

Section Included: Columbia River between Vancouver, WA, and the Dalles, OR, a distance of about 85 miles. Controlling Depth: 15 feet between Vancouver and the Dalles. Project Depth: 27 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	11,277	1997	10,923	2000	10,672	2003	9,429
1995	11,626	1998	9,910	2001	9,793		
1996	10,733	1999	9,396	2002	7,990		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	26	26	1
Total crude materials, inedible except fuels	26	26	0
Subtotal forest products, wood and chips	26	26	0
4161 wood chips	26	26	—
4189 lumber	0	—	0
Total primary manufactured goods	0	—	0
Subtotal lime, cement and glass	0	—	0
5290 misc. mineral prod.	0	—	0
Total all manufactured equipment, machinery and products	0	—	0
7400 manufac. wood prod.	0	—	0
Ton-miles (x1000)	340	335	5
Coastwise			

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	9,403	437	52	95	271	2,441	5,929	53	123
Total petroleum and petroleum products	2,178	7	—	—	—	2,169	2	—	—
Subtotal petroleum products	2,178	7	—	—	—	2,169	2	—	—
2211 gasoline	1,221	—	—	—	—	1,219	2	—	—
2330 distillate fuel oil	2	—	—	—	—	2	—	—	—
2340 residual fuel oil	955	7	—	—	—	948	—	—	—
Total chemicals and related products	66	—	—	—	—	58	8	—	—
Subtotal fertilizers	66	—	—	—	—	58	8	—	—
3110 nitrogenous fert.	66	—	—	—	—	58	8	—	—
Total crude materials, inedible except fuels	1,907	430	52	95	197	—	957	53	123
Subtotal forest products, wood and chips	646	21	52	95	151	—	175	28	123
4150 fuel wood	2	—	—	—	—	—	—	—	2
4161 wood chips	395	17	49	44	28	—	175	21	60
4170 wood in the rough	249	4	3	51	123	—	—	8	61
4189 lumber	0	—	—	—	—	—	—	—	0
Subtotal pulp and waste paper	19	—	—	—	—	—	19	—	—
4225 pulp & waste paper	19	—	—	—	—	—	19	—	—
Subtotal soil, sand, gravel, rock and stone	1,207	408	—	—	44	—	729	25	—
4331 sand & gravel	1,207	408	—	—	44	—	729	25	—
Subtotal iron ore and scrap	35	—	—	—	1	—	34	—	—
4420 iron & steel scrap	35	—	—	—	1	—	34	—	—
Total primary manufactured goods	1	0	—	—	—	—	—	—	0
Subtotal lime, cement and glass	0	—	—	—	—	—	—	—	0
5290 misc. mineral prod.	0	—	—	—	—	—	—	—	0
Subtotal primary iron and steel products	0	0	—	—	—	—	—	—	—
5360 i&s bars & shapes	0	0	—	—	—	—	—	—	—
Total food and farm products	4,931	—	—	—	75	—	4,856	—	—
Subtotal grain	4,754	—	—	—	75	—	4,679	—	—
6241 wheat	4,570	—	—	—	75	—	4,495	—	—
6344 corn	1	—	—	—	—	—	1	—	—
6443 barley & rye	183	—	—	—	—	—	183	—	—
Subtotal vegetable products	18	—	—	—	—	—	18	—	—
6654 vegetables & prod.	18	—	—	—	—	—	18	—	—

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal processed grain and animal feed	40	---	---	---	---	---	40	---	---
6781 hay & fodder	40	---	---	---	---	---	40	---	---
Subtotal other agricultural products	119	---	---	---	---	---	119	---	---
6822 dairy products	7	---	---	---	---	---	7	---	---
6887 groceries	109	---	---	---	---	---	109	---	---
6899 farm products nec	3	---	---	---	---	---	3	---	---
Total all manufactured equipment, machinery and products	106	---	---	---	---	0	106	---	0
7400 manufac. wood prod.	0	---	---	---	---	---	---	---	0
7900 manufac. prod. nec	106	---	---	---	---	0	106	---	---
Total waste and scrap nec	213	---	---	---	---	213	---	---	---
8900 waste and scrap nec	213	---	---	---	---	213	---	---	---
Ton-miles (x1000)	743,755	4,922	3,615	3,996	14,707	207,486	503,948	98	4,981
Internal									
Tons All Traffic (x1000)									9,429
Ton-miles All Traffic (x1000)									744,095
Total Trip-ton-miles Internal and Intraport (x1000)									2,186,353

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA

Section Included: Columbia River between the Dalles Dam and McNary Lock and Dam, a distance of about 91 miles. Controlling Depth: within the Dalles and John Day Pools, 14 feet. Project Depth: 14 feet at adopted low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	9,246	1997	9,754	2000	9,776	2003	8,531
1995	9,802	1998	9,166	2001	8,873		
1996	9,061	1999	8,700	2002	7,262		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	8,531	586	14	1,496	1,950	4,485	
Total petroleum and petroleum products	2,172	348	1	---	1,822	2	
Subtotal petroleum products	2,172	348	1	---	1,822	2	
2211 gasoline	1,221	4	1	---	1,215	2	
2330 distillate fuel oil	2	1	---	---	1	---	
2340 residual fuel oil	948	343	---	---	605	---	
Total chemicals and related products	78	25	11	2	33	7	
Subtotal fertilizers	78	25	11	2	33	7	
3110 nitrogenous fert.	78	25	11	2	33	7	
Total crude materials, inedible except fuels	1,105	---	---	901	95	108	
Subtotal forest products, wood and chips	323	---	---	172	95	55	
4161 wood chips	269	---	---	172	44	52	
4170 wood in the rough	54	---	---	---	51	3	
Subtotal pulp and waste paper	19	---	---	---	---	19	
4225 pulp & waste paper	19	---	---	---	---	19	
Subtotal soil, sand, gravel, rock and stone	729	---	---	729	---	---	
4331 sand & gravel	729	---	---	729	---	---	
Subtotal iron ore and scrap	34	---	---	---	---	34	
4420 iron & steel scrap	34	---	---	---	---	34	
Total food and farm products	4,856	---	---	571	---	4,285	
Subtotal grain	4,679	---	---	419	---	4,260	
6241 wheat	4,495	---	---	402	---	4,093	
6344 corn	1	---	---	---	---	1	
6443 barley & rye	183	---	---	17	---	166	
Subtotal vegetable products	18	---	---	15	---	3	
6654 vegetables & prod.	18	---	---	15	---	3	
Subtotal processed grain and animal feed	40	---	---	28	---	11	
6781 hay & fodder	40	---	---	28	---	11	
Subtotal other agricultural products	119	---	---	109	---	10	
6822 dairy products	7	---	---	---	---	7	
6887 groceries	109	---	---	109	---	---	
6899 farm products nec	3	---	---	---	---	3	
Total all manufactured equipment, machinery and products	108	---	2	22	0	84	
7900 manufac. prod. nec	108	---	2	22	0	84	

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
Total waste and scrap nec	213	213	---	---	---	---
8900 waste and scrap nec	213	213	---	---	---	---
Ton-miles (x1000)	742,329	53,211	0	58,494	191,086	439,539
Tons All Traffic (x1000)	8,531					
Ton-miles All Traffic (x1000)	742,329					
Total Trip-ton-miles Internal and Intraport (x1000)	2,144,409					

PORT OF PORTLAND, OR

Section Included: (Statistics for that section of Portland Harbor below Ross Island Bridge are also included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Ross Island Bridge are also included in statistics for Willamette River above Portland and Yamhill River, OR). Controlling depth: 28 feet from mouth to Broadway Bridge; 20 feet at low water above Ross Island Bridge to Lake Oswego; 9 feet to Oregon City. Project Depth: 40 feet at low water below Broadway Bridge; 30 feet from Broadway Bridge to foot of Ross Island, maintained by port of Portland; 8 feet at low water above foot of Ross Island. Statistics for section of Oregon Slough (North Portland Harbor), OR, are also included. Controlling Depth: 10 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	30,164	1997	29,561	2000	34,314	2003	26,796
1995	31,256	1998	29,974	2001	31,339		
1996	29,734	1999	29,339	2002	26,635		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	15,753	3,539	11,348	859	6
Total coal	0	0	---	---	---
1100 coal lignite	0	0	---	---	---
Total petroleum and petroleum products	839	620	2	211	6
Subtotal crude petroleum	220	220	---	---	---
2100 crude petroleum	220	220	---	---	---
Subtotal petroleum products	618	400	2	211	6
2211 gasoline	348	340	---	8	---
2221 kerosene	23	17	---	---	6
2330 distillate fuel oil	96	---	0	96	---
2340 residual fuel oil	141	38	---	103	---
2350 lube oil & greases	0	0	0	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	4	0	1	3	---
2430 asphalt, tar & pitch	4	4	0	---	---
2540 petroleum coke	0	---	0	---	---
2640 liquid natural gas	0	0	---	---	---
Total chemicals and related products	4,611	383	4,149	78	---
Subtotal fertilizers	1,859	282	1,577	---	---
3110 nitrogenous fert.	282	282	---	---	---
3130 potassic fert.	1,570	---	1,570	---	---
3190 fert. & mixes nec	7	0	7	---	---
Subtotal other chemicals and related products	2,752	101	2,573	78	---
3211 acyclic hydrocarbons	16	---	0	16	---
3219 other hydrocarbons	0	0	0	---	---
3220 alcohols	39	38	1	---	---
3230 carboxylic acids	7	1	6	---	---
3240 nitrogen func. comp.	0	0	0	---	---
3250 organo - inorg. comp.	1	0	0	---	---
3260 organic comp. nec	6	0	6	---	---
3272 sulphuric acid	0	---	0	---	---
3273 ammonia	77	28	---	49	---
3274 sodium hydroxide	7	7	0	---	---
3275 inorg. elem., oxides, & halogen salts	41	9	33	---	---
3276 metallic salts	2,358	5	2,352	---	---
3279 inorganic chem. nec	1	1	0	---	---
3281 radioactive material	0	0	---	---	---
3282 pigments & paints	2	1	1	---	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	1	1	0	---	---
3285 perfumes & cleansers	3	1	2	0	---
3286 plastics	34	6	28	0	---
3291 pesticides	0	0	0	---	---
3292 starches, gluten, glue	141	1	141	---	---
3293 explosives	0	0	---	---	---
3297 chemical additives	0	0	0	---	---
3298 wood & resin chem.	7	0	---	7	---
3299 chem. products nec	10	1	2	6	---

PORT OF PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total crude materials, inedible except fuels	1,432	234	643	555	—
Subtotal forest products, wood and chips	332	181	94	57	—
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	1	0	0	—	—
4161 wood chips	42	0	—	42	—
4170 wood in the rough	52	34	5	14	—
4189 lumber	236	147	88	1	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	102	1	101	—	—
4225 pulp & waste paper	102	1	101	—	—
Subtotal soil, sand, gravel, rock and stone	502	4	1	498	—
4310 building stone	3	3	0	—	—
4322 limestone	498	—	—	498	—
4331 sand & gravel	1	1	1	—	—
Subtotal iron ore and scrap	373	0	372	—	—
4410 iron ore	0	0	—	—	—
4420 iron & steel scrap	373	0	372	—	—
Subtotal marine shells	0	—	0	—	—
4515 marine shells	0	—	0	—	—
Subtotal non-ferrous ores and scrap	103	47	56	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	79	41	38	—	—
4670 manganese ore	5	5	—	—	—
4680 non-ferrous scrap	17	—	17	—	—
4690 non-ferrous ores nec	1	1	0	—	—
Subtotal sulphur, clay and salt	6	1	5	—	—
4782 clay & refrac. mat.	6	1	5	—	—
Subtotal other non-metal. min.	15	0	15	—	—
4900 non-metal. min. nec	15	0	15	—	—
Total primary manufactured goods	1,760	1,398	360	2	—
Subtotal paper products	220	14	205	1	—
5110 newsprint	6	—	6	—	—
5120 paper & paperboard	188	9	179	0	—
5190 paper products nec	26	5	21	0	—
Subtotal lime, cement and glass	595	536	59	0	—
5220 cement & concrete	508	508	—	—	—
5240 glass & glass prod.	10	7	3	0	—
5290 misc. mineral prod.	77	21	56	0	—
Subtotal primary iron and steel products	757	754	3	0	—
5312 pig iron	0	0	—	—	—
5315 ferro alloys	26	26	0	—	—
5320 i&s primary forms	540	540	0	0	—
5330 i&s plates & sheets	99	99	0	—	—
5360 i&s bars & shapes	2	2	1	—	—
5370 i&s pipe & tube	2	2	0	—	—
5390 primary i&s nec	87	85	1	0	—
Subtotal primary non-ferrous metal products	132	67	64	1	—
5421 copper	12	12	0	—	—
5422 aluminum	2	1	0	0	—
5429 smelted prod. nec	52	2	50	—	—
5480 fab. metal products	66	51	14	1	—
Subtotal primary wood products	56	28	28	—	—
5540 primary wood prod.	56	28	28	—	—
Total food and farm products	6,170	96	6,073	1	0
Subtotal fish	20	2	18	0	—
6134 fish (not shellfish)	18	1	18	0	—
6136 shellfish	2	2	0	—	—
Subtotal grain	5,073	1	5,073	—	—
6241 wheat	4,719	—	4,719	—	—
6344 corn	70	1	69	—	—
6443 barley & rye	284	0	284	—	—
6445 oats	0	—	0	—	—
Subtotal oilseeds	16	0	15	0	—
6522 soybeans	0	—	0	0	—
6590 oilseeds nec	16	0	15	—	—
Subtotal vegetable products	219	9	210	0	0
6653 vegetable oils	2	1	1	—	—
6654 vegetables & prod.	217	8	209	0	0
Subtotal processed grain and animal feed	636	12	624	0	—
6746 wheat flour	3	—	3	0	—
6747 grain mill products	27	0	27	—	—
6781 hay & fodder	554	3	551	0	—
6782 animal feed, prep.	52	8	44	—	—
Subtotal other agricultural products	205	72	133	0	—
6811 meat, fresh, frozen	22	6	16	0	—
6817 meat, prepared	15	0	15	—	—
6822 dairy products	20	0	20	—	—
6835 fish, prepared	2	1	1	0	—
6838 tallow, animal oils	0	0	—	—	—
6839 animals & prod. nec	32	21	11	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	28	5	23	—	—
6858 fruit juices	12	6	6	0	—
6861 sugar	0	0	0	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6871 coffee	4	3	0	—	—
6885 alcoholic beverages	17	16	1	—	—
6888 water & ice	4	4	0	—	—
6889 food products nec	17	4	13	0	—
6891 tobacco & products	0	0	0	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	1	0	0	—	—
6899 farm products nec	31	3	27	0	—
Total all manufactured equipment, machinery and products	889	782	105	2	0
7110 machinery (not elec)	29	17	11	0	—
7120 electrical machinery	26	22	3	0	0
7210 vehicles & parts	603	564	39	0	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	20	9	11	0	—
7500 textile products	26	19	6	0	—
7600 rubber & plastic pr.	69	64	5	0	—
7900 manufac. prod. nec	116	85	29	2	—
Total unknown or not elsewhere classified	52	25	16	11	—
9900 unknown or nec	52	25	16	11	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	11,043	2,887	187	4,929	2,337	702
Total petroleum and petroleum products	5,606	2,881	178	104	2,278	164
Subtotal crude petroleum	16	—	16	—	—	—
2100 crude petroleum	16	—	16	—	—	—
Subtotal petroleum products	5,590	2,881	162	104	2,278	164
2211 gasoline	3,033	1,758	7	80	1,179	10
2330 distillate fuel oil	695	600	15	24	29	27
2340 residual fuel oil	1,617	353	65	1	1,071	127
2350 lube oil & greases	175	170	4	0	1	0
2429 naphtha & solvents	4	—	4	—	—	—
2430 asphalt, tar & pitch	67	—	67	—	—	—
Total chemicals and related products	43	6	6	12	16	4
Subtotal fertilizers	27	—	—	11	16	—
3110 nitrogenous fert.	27	—	—	11	16	—
Subtotal other chemicals and related products	16	6	6	1	—	4
3220 alcohols	5	—	—	1	—	4
3286 plastics	0	—	0	—	—	—
3297 chemical additives	11	6	6	—	—	—
Total crude materials, inedible except fuels	2,262	—	1	1,726	35	500
Subtotal forest products, wood and chips	8	—	1	4	3	—
4170 wood in the rough	7	—	0	4	3	—
4189 lumber	1	—	1	—	—	—
Subtotal soil, sand, gravel, rock and stone	2,221	—	—	1,688	32	500
4331 sand & gravel	2,221	—	—	1,688	32	500
Subtotal iron ore and scrap	34	—	—	34	—	—
4420 iron & steel scrap	34	—	—	34	—	—
Total primary manufactured goods	2	—	2	—	—	—
Subtotal paper products	1	—	1	—	—	—
5190 paper products nec	1	—	1	—	—	—
Subtotal primary iron and steel products	0	—	0	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	3,034	—	—	2,993	7	34
Subtotal grain	2,859	—	—	2,818	7	34
6241 wheat	2,741	—	—	2,700	7	34
6344 corn	1	—	—	1	—	—
6443 barley & rye	117	—	—	117	—	—
Subtotal vegetable products	18	—	—	18	—	—
6654 vegetables & prod.	18	—	—	18	—	—
Subtotal processed grain and animal feed	40	—	—	40	—	—
6781 hay & fodder	40	—	—	40	—	—
Subtotal other agricultural products	117	—	—	117	—	—
6822 dairy products	7	—	—	7	—	—
6887 groceries	107	—	—	107	—	—
6888 water & ice	0	—	—	0	—	—
6899 farm products nec	3	—	—	3	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total all manufactured equipment, machinery and products	95	---	0	95	0	---
7230 ships & boats	0	---	0	---	---	---
7900 manufac. prod. nec	95	---	---	95	0	---
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---

*Includes 9,462 tons of foreign inbound in-transits; Includes 173,004 tons of foreign outbound in-transits;
Includes 1,875 tons of Canadian inbound in-transits; Includes 110 tons of Canadian outbound in-transits.

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

Section Included: Willamette River from Portland to Harrisburg, OR, a distance of 159 miles, and Yamhill River from mouth to mile 4.0. Controlling Depth: 8 feet from Portland to Oregon City; 3 feet to Corvallis; 4 feet on Yamhill River from mouth to mile 4.0. Project Depth: Willamette River, 8 feet from Portland to Oregon City; 6 feet from Oregon City to mouth of Santiam River; 5 feet from mouth of Santiam River to Albany; 2.5 feet to 3.5 feet from Albany to Corvallis; no depths prescribed from Corvallis to Harrisburg; Yamhill River, 4 feet from mouth to mile 4.0.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,481	1997	1,353	2000	872	2003	1,261
1995	1,486	1998	1,055	2001	1,601		
1996	1,360	1999	748	2002	1,623		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Outbound	Intra
		Upbound	Downbnd	Downbnd
Total, all commodities	1,261	715	533	13
Total crude materials, inedible except fuels	1,261	715	533	13
Subtotal soil, sand, gravel, rock and stone	1,261	715	533	13
4331 sand & gravel	1,261	715	533	13
Ton-miles (x1000)	106	0	0	106

Tons All Traffic (x1000) **1,261**
Ton-miles All Traffic (x1000) **106**
Total Trip-ton-miles Internal and Intraport (x1000) **85,532**

COOS BAY, OR

Section Included: From sea to Millington, a distance of 17 miles. (Same section and statistics apply to Port of Coos Bay). Maintained Depth: 47 feet in entrance channel: 37 feet in inner channel to mile 15; 22 feet in Isthmus Slough to Millington. Turning basins of 37 feet deep opposite Coalbank Slough and at the city of North Bend. Anchorage basins 37 feet at mile 3.5 and near mile 7; a channel 22 feet deep from Smith's Mill (mile 15) to Millington; mooring basin for small boats at Charleston, with a connecting channel 16 feet deep, maintained by local interest, to deep water in Coos Bay.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	3,744	1997	3,164	2000	2,210	2003	1,883
1995	3,628	1998	2,773	2001	1,704		
1996	3,322	1999	2,631	2002	1,707		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise		Internal
							Receipts	Shipments	
Total, all commodities	1,883	5	1,344	190	5	339	1	333	5
Total crude materials, inedible except fuels	1,864	5	1,343	190	5	321	---	316	5
Subtotal forest products, wood and chips	1,864	5	1,343	190	5	321	---	316	5
4161 wood chips	1,405	---	1,190	---	5	210	---	206	4
4170 wood in the rough	336	5	141	190	---	---	---	---	---
4189 lumber	123	---	12	---	---	111	---	110	1
Total primary manufactured goods	18	---	0	---	---	18	---	17	1
Subtotal primary wood products	18	---	0	---	---	18	---	17	1
5540 primary wood prod.	18	---	0	---	---	18	---	17	1

COOS BAY, OR
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise		Internal Intraport
							Receipts	Shipments	
Total all manufactured equipment, machinery and products	1	0	0	---	---	1	1	0	---
7110 machinery (not elec)	1	---	0	---	---	1	1	---	---
7210 vehicles & parts	0	---	0	---	---	---	---	---	---
7230 ships & boats	0	---	0	---	---	---	---	---	---
7400 manufac. wood prod.	0	---	0	---	---	---	---	---	---
7600 rubber & plastic pr.	0	0	0	---	---	0	---	0	---

*Includes 314 tons of foreign outbound in-transits.

COLUMBIA RIVER SYSTEM

Section Included: Main channels and all navigable tributaries of the Columbia, Willamette and Snake Rivers.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	52,607	1997	54,257	2000	56,159	2003	47,747
1995	60,092	1998	50,435	2001	51,410		
1996	54,023	1999	51,766	2002	45,982		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	31,208	5,042	25,127	976	63
Total coal	0	0	---	---	---
1100 coal lignite	0	0	---	---	---
Total petroleum and petroleum products	1,819	699	840	218	62
Subtotal crude petroleum	220	220	---	---	---
2100 crude petroleum	220	220	---	---	---
Subtotal petroleum products	1,599	479	840	218	62
2211 gasoline	409	401	---	8	---
2221 kerosene	23	17	---	---	6
2330 distillate fuel oil	111	8	0	103	---
2340 residual fuel oil	141	38	---	103	---
2350 lube oil & greases	0	0	0	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	4	0	1	3	---
2430 asphalt, tar & pitch	14	14	0	---	---
2540 petroleum coke	895	---	838	---	56
2640 liquid natural gas	0	0	---	---	---
Total chemicals and related products	5,602	679	4,833	90	---
Subtotal fertilizers	1,957	350	1,607	---	---
3110 nitrogenous fert.	339	339	---	---	---
3130 potassic fert.	1,600	---	1,600	---	---
3190 fert. & mixes nec	18	12	7	---	---
Subtotal other chemicals and related products	3,645	329	3,226	90	---
3211 acyclic hydrocarbons	16	---	0	16	---
3212 benzene & toluene	30	30	---	---	---
3219 other hydrocarbons	0	0	0	---	---
3220 alcohols	40	40	1	---	---
3230 carboxylic acids	7	1	6	---	---
3240 nitrogen func. comp.	0	0	0	---	---
3250 organo - inorg. comp.	1	0	0	---	---
3260 organic comp. nec	6	0	6	---	---
3272 sulphuric acid	0	---	0	---	---
3273 ammonia	77	28	---	49	---
3274 sodium hydroxide	210	198	0	12	---
3275 inorg. elem., oxides, & halogen salts	42	9	33	---	---
3276 metallic salts	2,803	11	2,792	---	---
3279 inorganic chem. nec	1	1	0	---	---
3281 radioactive material	0	0	---	---	---
3282 pigments & paints	2	1	1	---	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	1	1	0	---	---
3285 perfumes & cleansers	3	1	2	0	---
3286 plastics	34	6	28	0	---
3291 pesticides	0	0	0	---	---
3292 starches, gluten, glue	354	1	354	---	---
3293 explosives	0	0	---	---	---
3297 chemical additives	0	0	0	---	---
3298 wood & resin chem.	7	0	---	7	---
3299 chem. products nec	10	1	2	6	---

COLUMBIA RIVER SYSTEM
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total crude materials, inedible except fuels	3,998	777	2,617	604	---
Subtotal forest products, wood and chips	2,068	229	1,749	90	---
4110 rubber & gums	0	0	---	---	---
4150 fuel wood	1	0	0	---	---
4161 wood chips	75	0	---	75	---
4170 wood in the rough	1,714	50	1,650	14	---
4189 lumber	279	179	99	1	---
4190 forest products nec	0	0	0	---	---
Subtotal pulp and waste paper	165	7	158	---	---
4225 pulp & waste paper	165	7	158	---	---
Subtotal soil, sand, gravel, rock and stone	1,007	492	1	514	---
4310 building stone	3	3	0	---	---
4322 limestone	514	---	---	514	---
4323 gypsum	489	489	---	---	---
4331 sand & gravel	1	1	1	---	---
Subtotal iron ore and scrap	373	0	372	---	---
4410 iron ore	0	0	---	---	---
4420 iron & steel scrap	373	0	372	---	---
Subtotal marine shells	0	---	0	---	---
4515 marine shells	0	---	0	---	---
Subtotal non-ferrous ores and scrap	103	47	56	---	---
4630 copper ore	0	---	0	---	---
4650 aluminum ore	79	41	38	---	---
4670 manganese ore	5	5	---	---	---
4680 non-ferrous scrap	17	---	17	---	---
4690 non-ferrous ores nec	1	1	0	---	---
Subtotal sulphur, clay and salt	254	1	253	---	---
4782 clay & refrac. mat.	254	1	253	---	---
Subtotal other non-metal. min.	28	0	28	---	---
4900 non-metal. min. nec	28	0	28	---	---
Total primary manufactured goods	2,562	1,862	649	51	---
Subtotal paper products	509	14	494	1	---
5110 newsprint	295	---	295	---	---
5120 paper & paperboard	188	9	179	0	---
5190 paper products nec	26	5	21	0	---
Subtotal lime, cement and glass	669	560	59	49	---
5220 cement & concrete	582	533	---	49	---
5240 glass & glass prod.	10	7	3	0	---
5290 misc. mineral prod.	77	21	56	0	---
Subtotal primary iron and steel products	1,139	1,136	3	0	---
5312 pig iron	0	0	---	---	---
5315 ferro alloys	34	34	0	---	---
5320 i&s primary forms	581	581	0	0	---
5330 i&s plates & sheets	348	347	0	---	---
5360 i&s bars & shapes	20	19	1	---	---
5370 i&s pipe & tube	69	69	0	---	---
5390 primary i&s nec	87	85	1	0	---
Subtotal primary non-ferrous metal products	153	88	64	1	---
5421 copper	12	12	0	---	---
5422 aluminum	5	5	0	0	---
5429 smelted prod. nec	60	10	50	---	---
5480 fab. metal products	75	61	14	1	---
Subtotal primary wood products	92	63	28	---	---
5540 primary wood prod.	92	63	28	---	---
Total food and farm products	16,191	128	16,062	1	0
Subtotal fish	20	2	18	0	---
6134 fish (not shellfish)	18	1	18	0	---
6136 shellfish	2	2	0	---	---
Subtotal grain	11,646	33	11,614	---	---
6241 wheat	9,409	---	9,409	---	---
6344 corn	1,665	1	1,665	---	---
6443 barley & rye	522	0	522	---	---
6445 oats	32	32	0	---	---
6447 sorghum grains	18	---	18	---	---
Subtotal oilseeds	3,095	0	3,095	0	---
6522 soybeans	2,722	---	2,722	0	---
6590 oilseeds nec	373	0	373	---	---
Subtotal vegetable products	233	9	224	0	0
6653 vegetable oils	2	1	1	---	---
6654 vegetables & prod.	231	8	224	0	0
Subtotal processed grain and animal feed	986	12	974	0	---
6746 wheat flour	3	---	3	0	---
6747 grain mill products	27	0	27	---	---
6781 hay & fodder	579	3	576	0	---
6782 animal feed, prep.	377	8	368	---	---
Subtotal other agricultural products	210	72	138	0	---
6811 meat, fresh, frozen	22	6	16	0	---
6817 meat, prepared	15	0	15	---	---
6822 dairy products	20	0	20	---	---
6835 fish, prepared	2	1	1	0	---
6838 tallow, animal oils	0	0	---	---	---
6839 animals & prod. nec	32	21	11	---	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	28	5	23	---	---

COLUMBIA RIVER SYSTEM
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6858 fruit juices	12	6	6	0	—
6861 sugar	0	0	0	—	—
6871 coffee	4	3	0	—	—
6885 alcoholic beverages	17	16	1	—	—
6888 water & ice	4	4	0	—	—
6889 food products nec	17	4	13	0	—
6891 tobacco & products	0	0	0	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	5	0	5	—	—
6899 farm products nec	31	3	27	0	—
Total all manufactured equipment, machinery and products	976	865	108	2	0
7110 machinery (not elec)	36	25	11	0	—
7120 electrical machinery	31	27	3	0	0
7210 vehicles & parts	672	633	39	0	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	21	10	11	0	—
7500 textile products	28	19	9	0	—
7600 rubber & plastic pr.	70	65	5	0	—
7900 manufac. prod. nec	116	85	29	2	—
Total unknown or not elsewhere classified	59	30	18	11	—
9900 unknown or nec	59	30	18	11	—
Ton-miles (x1000) Foreign & Canadian	1,352,461	144,283	1,185,489	19,078	3,611

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	16,540	3,570	543	9,090	3,337
Total petroleum and petroleum products	5,855	2,968	179	2,557	151
Subtotal crude petroleum	16	—	16	—	—
2100 crude petroleum	16	—	16	—	—
Subtotal petroleum products	5,840	2,968	164	2,557	151
2211 gasoline	3,115	1,791	7	1,317	1
2330 distillate fuel oil	744	650	15	56	23
2340 residual fuel oil	1,734	357	66	1,184	127
2350 lube oil & greases	175	170	4	0	0
2429 naphtha & solvents	4	—	4	—	—
2430 asphalt, tar & pitch	67	—	67	—	—
Total chemicals and related products	182	66	7	78	31
Subtotal fertilizers	96	—	—	73	23
3110 nitrogenous fert.	96	—	—	73	23
Subtotal other chemicals and related products	85	66	7	5	7
3212 benzene & toluene	61	61	—	—	—
3220 alcohols	5	—	—	5	—
3274 sodium hydroxide	7	—	—	—	7
3286 plastics	2	—	2	—	—
3297 chemical additives	11	6	6	—	—
Total crude materials, inedible except fuels	5,119	535	294	3,111	1,179
Subtotal forest products, wood and chips	1,707	528	294	371	515
4150 fuel wood	2	—	—	—	2
4161 wood chips	1,036	472	—	226	339
4170 wood in the rough	378	56	3	145	174
4189 lumber	291	—	291	—	0
Subtotal pulp and waste paper	19	—	—	—	19
4225 pulp & waste paper	19	—	—	—	19
Subtotal soil, sand, gravel, rock and stone	3,357	7	—	2,706	644
4331 sand & gravel	3,357	7	—	2,706	644
Subtotal iron ore and scrap	35	—	—	34	2
4420 iron & steel scrap	35	—	—	34	2
Total primary manufactured goods	63	—	62	0	0
Subtotal paper products	24	—	24	—	—
5190 paper products nec	24	—	24	—	—
Subtotal lime, cement and glass	0	—	0	—	0
5290 misc. mineral prod.	0	—	0	—	0
Subtotal primary iron and steel products	21	—	21	0	—
5360 i&s bars & shapes	21	—	21	0	—
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	17	—	17	—	—
5540 primary wood prod.	17	—	17	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total food and farm products	4,997	---	0	3,036	1,961
Subtotal fish	0	---	0	---	---
6134 fish (not shellfish)	0	---	0	---	---
Subtotal grain	4,819	---	---	2,861	1,958
6241 wheat	4,634	---	---	2,743	1,892
6344 corn	1	---	---	1	---
6443 barley & rye	183	---	---	117	67
Subtotal vegetable products	18	---	---	18	---
6654 vegetables & prod.	18	---	---	18	---
Subtotal processed grain and animal feed	40	---	---	40	---
6781 hay & fodder	40	---	---	40	---
Subtotal other agricultural products	120	---	---	117	2
6822 dairy products	7	---	---	7	---
6887 groceries	109	---	---	107	2
6888 water & ice	0	---	---	0	---
6899 farm products nec	3	---	---	3	---
Total all manufactured equipment, machinery and products	111	---	1	95	15
7110 machinery (not elec)	0	---	0	---	---
7210 vehicles & parts	0	---	0	---	---
7230 ships & boats	0	---	0	---	---
7400 manufac. wood prod.	0	---	0	---	0
7600 rubber & plastic pr.	0	---	0	---	---
7900 manufac. prod. nec	111	---	0	95	15
Total waste and scrap nec	213	---	---	213	---
8900 waste and scrap nec	213	---	---	213	---
Total unknown or not elsewhere classified	0	0	---	---	---
9900 unknown or nec	0	0	---	---	---
Ton-miles (x1000)	607,555	59,968	26,201	353,637	167,749
Domestic					
Tons All Traffic (x1000)			47,747		
Ton-miles All Traffic (x1000)			1,960,016		
Total Trip-ton-miles Internal and Intraport (x1000)			2,243,787		

*Includes 20,365 tons of foreign inbound in-transits; Includes 201,521 tons of foreign outbound in-transits;
Includes 1,875 tons of Canadian inbound in-transits; Includes 110 tons of Canadian outbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALSEA BAY AND RIVER, OR	No Commerce Reported	
CHETCO RIVER, OR	No Commerce Reported	
CHINOOK CHANNEL, WA	No Commerce Reported	
CLATSKANIE RIVER, OR	No Commerce Reported	
COLUMBIA RIVER AT BAKERS BAY, WA	No Commerce Reported	
COLUMBIA SLOUGH, OR	No Commerce Reported	
COOS AND MILLICOMA RIVERS, OR	No Commerce Reported	
COQUILLE RIVER, OR	No Commerce Reported	
COWLITZ RIVER, WA	No Commerce Reported	
DEEP RIVER, WA	No Commerce Reported	
DEPOE BAY, OR	No Commerce Reported	
ELOKOMIN SLOUGH, WA	No Commerce Reported	
GRAYS RIVER, WA	No Commerce Reported	
LAKE RIVER, WA	No Commerce Reported	
LEWIS RIVER, WA	No Commerce Reported	
PORT OF ASTORIA, OR	2330 distillate fuel oil 2340 residual fuel oil 2350 lube oil & greases 4161 wood chips 4331 sand & gravel 6134 fish (not shellfish)	3 9 0 19 11 0
	Total Tons(x1000)	42
PORT OF ST. HELENS, OR	4331 sand & gravel	21
	Total Tons(x1000)	21
PORT ORFORD, OR	No Commerce Reported	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
ROGUE RIVER, OR	No Commerce Reported	
SIUSLAW RIVER, OR	4170 wood in the rough	49
	Total Tons(x1000)	49
	Total Ton-miles(x1000)	787
	Total Trip-ton-miles Internal and Intraport (x1000)	787
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	2330 distillate fuel oil	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	28
SKAMOKAWA CREEK, WA	No Commerce Reported	
SKIPANON CHANNEL, OR	4161 wood chips	54
	Total Tons(x1000)	54
	Total Ton-miles(x1000)	54
	Total Trip-ton-miles Internal and Intraport (x1000)	3,012
SMITH RIVER, OR	No Commerce Reported	
TILLAMOOK BAY AND BAR, OR	No Commerce Reported	
UMPQUA RIVER, OR	No Commerce Reported	
WESTPORT SLOUGH, OR	No Commerce Reported	
YAQUINA BAY AND HARBOR, OR	No Commerce Reported	
YAQUINA RIVER, OR	No Commerce Reported	
YOUNGS BAY AND YOUNGS RIVER, OR	No Commerce Reported	

GRAYS HARBOR AND CHEHALIS RIVER, WA

Section Included: Grays Harbor bar channel and Chehalis River to Cosmopolis and extending to Simpson Avenue bridge on the Hoquiam River and the Schafer Bros. wharf at Montesano on the Chehalis River. Controlling Depth: Bar channel, 37.1 feet; 25.5 feet from deep water in Lower Harbor to Upper Cross-Over; 27.0 feet from Upper Cross-Over to Cow Point; 25.6 feet from Cow Point to Cosmopolis; turning basin just downstream of Cow Point, 29.0 feet; turning basin near Elliott Slough, 25.5 feet. 5.5 feet from Cosmopolis to Montesano; Bay City channel, 9.1 feet; Westhaven Channel, 13.9 feet north entrance, 13.0 feet south entrance. Project Depth: 30 feet extending through the bar channel to Cosmopolis; Bay 16 feet to Montesano; Bay City channel, 14 feet; Westhaven channel, 16 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,654	1997	1,486	2000	1,251	2003	1,537
1995	1,566	1998	1,488	2001	1,326		
1996	1,990	1999	1,406	2002	1,666		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound	Outbound	Inbound	Outbound	Coastwise Shipments
Total, all commodities	1,537	17	450	306	73	692
Total crude materials, inedible except fuels	1,470	---	399	306	73	692
Subtotal forest products, wood and chips	1,458	---	387	306	73	692
4161 wood chips	391	---	---	116	73	202
4170 wood in the rough	863	---	382	179	---	302
4189 lumber	205	---	5	12	---	187
Subtotal pulp and waste paper	12	---	12	---	---	---
4225 pulp & waste paper	12	---	12	---	---	---
Total primary manufactured goods	11	11	---	---	---	---
Subtotal primary iron and steel products	0	0	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	11	11	---	---	---	---
5422 aluminum	11	11	---	---	---	---
Total food and farm products	56	5	51	---	---	---
Subtotal fish	5	5	---	---	---	---
6134 fish (not shellfish)	5	5	---	---	---	---
6136 shellfish	0	0	---	---	---	---
Subtotal oilseeds	51	---	51	---	---	---
6590 oilseeds nec	51	---	51	---	---	---
Total all manufactured equipment, machinery and products	1	0	0	---	---	---
7110 machinery (not elec)	0	---	0	---	---	---
7120 electrical machinery	0	0	---	---	---	---

PORT ANGELES HARBOR, WA

Section Included: Entire harbor from Rayonier, Inc. Wharf westward. Controlling Depth: Unlimited except for 25 feet near Rayonier, Inc. Wharf. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,695	1997	2,377	2000	1,872	2003	1,812
1995	1,911	1998	2,417	2001	2,154		
1996	2,780	1999	2,237	2002	1,674		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total, all commodities	724	600	33	72	19
Total petroleum and petroleum products	628	585	28	15	---
Subtotal crude petroleum	583	583	---	---	---
2100 crude petroleum	583	583	---	---	---
Subtotal petroleum products	45	2	28	15	---
2211 gasoline	29	2	28	---	---
2330 distillate fuel oil	12	---	---	12	---
2340 residual fuel oil	4	---	---	4	---
Total crude materials, inedible except fuels	89	15	---	57	17
Subtotal soil, sand, gravel, rock and stone	12	---	---	12	---
4331 sand & gravel	12	---	---	12	---
Subtotal other non-metal. min.	77	15	---	45	17
4900 non-metal. min. nec	77	15	---	45	17
Total primary manufactured goods	2	---	---	---	2
Subtotal paper products	2	---	---	---	2
5120 paper & paperboard	2	---	---	---	2
Total food and farm products	5	0	5	---	---
Subtotal fish	4	---	4	---	---
6134 fish (not shellfish)	4	---	4	---	---

PORT ANGELES HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Subtotal processed grain and animal feed	0	0	—	—	—
6782 animal feed, prep.	0	0	—	—	—
Subtotal other agricultural products	1	—	1	—	—
6835 fish, prepared	1	—	1	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,088	359	113	282	328	6
Total petroleum and petroleum products	666	357	23	255	25	6
Subtotal crude petroleum	307	307	—	—	—	—
2100 crude petroleum	307	307	—	—	—	—
Subtotal petroleum products	359	50	23	255	25	6
2211 gasoline	44	19	19	6	—	—
2330 distillate fuel oil	7	—	4	—	4	—
2340 residual fuel oil	279	4	—	248	21	6
2350 lube oil & greases	1	—	—	0	0	0
2990 petro. products nec	28	28	—	—	—	—
Total crude materials, inedible except fuels	422	1	90	28	303	—
Subtotal forest products, wood and chips	422	1	90	28	303	—
4170 wood in the rough	422	1	90	28	303	—

*Includes 15,003 tons of foreign inbound in-transits.

HAMMERSLEY INLET, WA

Section Included: Inlet connecting Puget Sound with Shelton Harbor, a distance of about 7 miles. Controlling Depth: 8.8 feet. project Depth: 13 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	500	1997	633	2000	514	2003	442
1995	872	1998	635	2001	554		
1996	1,037	1999	543	2002	588		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	442	154	288
Total crude materials, inedible except fuels	442	154	288
Subtotal forest products, wood and chips	441	154	288
4161 wood chips	157	—	157
4170 wood in the rough	284	154	130
Subtotal soil, sand, gravel, rock and stone	1	1	—
4331 sand & gravel	1	1	—
Ton-miles (x1000)	4,421	1,543	2,878
Tons All Traffic (x1000)	442		
Ton-miles All Traffic (x1000)	4,421		
Total Trip-ton-miles Internal and Intraport (x1000)	14,548		

OLYMPIA HARBOR, WA

Section Included: That portion of Budd Inlet south and west of Priest Point and generally within the city limits of Olympia. Controlling Depth: 29.4 feet in outer channel, 29.4 feet in entrance channel and 27.7 feet in turning basin. Project Depth: 30 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,514	1997	1,997	2000	1,434	2003	1,419
1995	2,166	1998	1,423	2001	1,326		
1996	1,893	1999	1,313	2002	1,440		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound*	Inbound	Total	Coastwise	Internal		
					Receipts	Receipts	Shipments	Intraport	
Total, all commodities	1,419	60	146	48	1,165	15	379	258	514
Total petroleum and petroleum products	1	---	---	---	1	---	1	---	---
Subtotal petroleum products	1	---	---	---	1	---	1	---	---
2340 residual fuel oil	1	---	---	---	1	---	1	---	---
Total crude materials, inedible except fuels	1,361	2	146	48	1,164	15	378	258	514
Subtotal forest products, wood and chips	1,359	---	146	48	1,164	15	378	258	514
4161 wood chips	57	---	---	28	29	---	---	29	---
4170 wood in the rough	1,287	---	143	10	1,135	15	378	229	514
4189 lumber	14	---	4	11	---	---	---	---	---
Subtotal other non-metal. min.	2	2	---	---	---	---	---	---	---
4900 non-metal. min. nec	2	2	---	---	---	---	---	---	---
Total primary manufactured goods	58	58	---	---	---	---	---	---	---
Subtotal primary iron and steel products	15	15	---	---	---	---	---	---	---
5320 i&s primary forms	12	12	---	---	---	---	---	---	---
5360 i&s bars & shapes	3	3	---	---	---	---	---	---	---
5370 i&s pipe & tube	1	1	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	42	42	---	---	---	---	---	---	---
5422 aluminum	42	42	---	---	---	---	---	---	---

*Includes 589 tons of foreign outbound in-transits.

TACOMA HARBOR, WA

Section Included: All of Commencement Bay and tributary waterways east of a line extending from Brown Point to and including the wharves of the Tacoma Smelter. Controlling Depth: City Waterway, 28.9 to 16.2 feet; Hylebos Waterway, 23.4 feet; least depth in turning basin 27.1 feet; Blair (Port Industrial Waterway), 32.8 feet. Project Depth: City Waterway, 29 to 19 feet; Hylebos Waterway, 30 feet; Blair (Port Industrial Waterway), 30 to 35 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	17,616	1997	20,683	2000	22,287	2003	22,966
1995	20,879	1998	17,400	2001	20,523		
1996	21,491	1999	21,103	2002	20,587		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	15,409	4,540	9,330	1,162	377
Total coal	24	0	0	24	---
1100 coal lignite	24	0	0	24	---
1200 coal coke	0	---	0	---	---
Total petroleum and petroleum products	195	1	24	47	124
Subtotal crude petroleum	0	0	---	---	---
2100 crude petroleum	0	0	---	---	---
Subtotal petroleum products	195	1	24	47	124
2211 gasoline	13	0	0	10	3
2221 kerosene	3	---	0	---	3
2330 distillate fuel oil	20	0	4	3	13
2340 residual fuel oil	125	---	---	34	91
2350 lube oil & greases	2	0	2	---	---
2410 petro. jelly & waxes	2	0	2	---	---
2429 naphtha & solvents	13	0	13	---	---
2430 asphalt, tar & pitch	0	0	0	---	---

TACOMA HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
2540 petroleum coke	16	0	2	—	14
2640 liquid natural gas	0	0	0	—	—
Total chemicals and related products	841	377	256	20	188
Subtotal fertilizers	2	1	2	—	—
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	2	0	1	—	—
Subtotal other chemicals and related products	839	377	254	20	188
3211 acyclic hydrocarbons	1	0	0	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	4	2	2	—	—
3220 alcohols	6	4	2	—	—
3230 carboxylic acids	27	15	12	—	—
3240 nitrogen func. comp.	36	5	31	—	—
3250 organo - inorg. comp.	7	5	2	—	—
3260 organic comp. nec	9	6	3	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	111	111	0	—	—
3275 inorg. elem., oxides, & halogen salts	44	13	12	19	—
3276 metallic salts	23	7	9	—	7
3279 inorganic chem. nec	8	7	2	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	21	14	6	—	—
3283 coloring mat. nec	4	4	1	—	—
3284 medicines	36	16	21	—	—
3285 perfumes & cleansers	18	6	12	—	—
3286 plastics	230	126	104	—	—
3291 pesticides	3	2	0	—	—
3292 starches, gluten, glue	24	11	13	—	—
3293 explosives	11	11	—	—	—
3297 chemical additives	3	0	2	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	212	10	20	2	181
Total crude materials, inedible except fuels	2,646	60	1,681	842	63
Subtotal forest products, wood and chips	1,232	40	659	478	55
4110 rubber & gums	20	20	0	—	—
4150 fuel wood	5	3	0	—	2
4161 wood chips	222	0	156	14	51
4170 wood in the rough	794	2	357	435	—
4189 lumber	190	13	146	28	2
4190 forest products nec	3	2	0	0	—
Subtotal pulp and waste paper	534	0	534	—	—
4225 pulp & waste paper	534	0	534	—	—
Subtotal soil, sand, gravel, rock and stone	357	8	3	338	8
4310 building stone	10	5	2	4	—
4322 limestone	207	—	0	207	—
4323 gypsum	41	—	1	33	8
4331 sand & gravel	98	4	1	94	—
Subtotal iron ore and scrap	434	0	424	10	—
4420 iron & steel scrap	434	0	424	10	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	30	1	29	—	—
4650 aluminum ore	2	1	1	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	28	0	28	—	—
4690 non-ferrous ores nec	0	0	0	—	—
Subtotal sulphur, clay and salt	26	6	20	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	26	6	20	—	—
Subtotal slag	17	—	—	17	—
4860 slag	17	—	—	17	—
Subtotal other non-metal. min.	16	4	12	—	—
4900 non-metal. min. nec	16	4	12	—	—
Total primary manufactured goods	1,718	824	667	225	1
Subtotal paper products	412	84	328	—	—
5110 newsprint	33	0	33	—	—
5120 paper & paperboard	332	53	279	—	—
5190 paper products nec	47	31	16	—	—
Subtotal lime, cement and glass	201	135	35	30	1
5210 lime	12	—	0	12	—
5220 cement & concrete	1	0	0	—	1
5240 glass & glass prod.	57	44	13	—	—
5290 misc. mineral prod.	131	92	22	18	—
Subtotal primary iron and steel products	93	79	15	—	—
5312 pig iron	6	5	1	—	—
5315 ferro alloys	2	2	0	—	—
5320 i&s primary forms	15	7	8	—	—
5330 i&s plates & sheets	11	10	1	—	—
5360 i&s bars & shapes	8	8	1	—	—

TACOMA HARBOR, WA
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
5370 i&s pipe & tube	32	30	1	—	—
5390 primary i&s nec	19	17	2	—	—
Subtotal primary non-ferrous metal products	903	498	264	141	—
5421 copper	8	7	1	—	—
5422 aluminum	33	31	2	—	—
5429 smelted prod. nec	378	8	235	135	—
5480 fab. metal products	484	452	26	6	—
Subtotal primary wood products	108	28	26	55	—
5540 primary wood prod.	108	28	26	55	—
Total food and farm products	6,561	172	6,389	—	—
Subtotal fish	62	18	44	—	—
6134 fish (not shellfish)	48	5	43	—	—
6136 shellfish	14	13	1	—	—
Subtotal grain	2,729	3	2,726	—	—
6241 wheat	2	0	2	—	—
6344 corn	2,717	0	2,717	—	—
6442 rice	3	3	0	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	7	—	7	—	—
Subtotal oilseeds	1,603	4	1,599	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	1,580	1	1,579	—	—
6590 oilseeds nec	23	3	20	—	—
Subtotal vegetable products	461	24	438	—	—
6653 vegetable oils	4	1	3	—	—
6654 vegetables & prod.	457	22	435	—	—
Subtotal processed grain and animal feed	811	5	806	—	—
6746 wheat flour	1	0	1	—	—
6747 grain mill products	8	1	7	—	—
6781 hay & fodder	597	4	593	—	—
6782 animal feed, prep.	205	1	205	—	—
Subtotal other agricultural products	895	118	777	—	—
6811 meat, fresh, frozen	284	1	283	—	—
6817 meat, prepared	5	0	4	—	—
6822 dairy products	31	2	29	—	—
6835 fish, prepared	10	9	1	—	—
6838 tallow, animal oils	58	0	58	—	—
6839 animals & prod. nec	108	2	105	—	—
6856 bananas & plantains	1	1	—	—	—
6857 fruit & nuts nec	135	11	123	—	—
6858 fruit juices	73	59	13	—	—
6861 sugar	0	0	0	—	—
6871 coffee	5	5	0	—	—
6872 cocoa beans	3	3	0	—	—
6885 alcoholic beverages	12	2	10	—	—
6888 water & ice	1	0	1	—	—
6889 food products nec	136	19	116	—	—
6891 tobacco & products	26	1	25	—	—
6893 cotton	2	1	2	—	—
6894 natural fibers nec	2	1	1	—	—
6899 farm products nec	5	1	4	—	—
Total all manufactured equipment, machinery and products	3,138	2,941	193	4	0
7110 machinery (not elec)	410	348	61	0	0
7120 electrical machinery	358	341	17	0	—
7210 vehicles & parts	697	658	39	0	—
7220 aircraft & parts	6	5	0	—	—
7230 ships & boats	2	2	0	0	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	49	41	6	3	—
7500 textile products	241	229	12	0	—
7600 rubber & plastic pr.	268	253	15	—	—
7900 manufac. prod. nec	1,107	1,063	43	—	—
Total unknown or not elsewhere classified	285	166	119	0	0
9900 unknown or nec	285	166	119	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	7,556	2,356	2,177	1,821	706	496
Total petroleum and petroleum products	4,045	2,070	381	748	378	469
Subtotal crude petroleum	1,968	1,968	—	—	—	—
2100 crude petroleum	1,968	1,968	—	—	—	—
Subtotal petroleum products	2,077	101	381	748	378	469
2211 gasoline	352	14	79	241	18	—
2330 distillate fuel oil	591	19	246	152	174	—

TACOMA HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
2340 residual fuel oil	1,083	45	30	354	186	469
2350 lube oil & greases	24	8	15	1	—	0
2429 naphtha & solvents	12	—	12	—	—	—
2430 asphalt, tar & pitch	16	16	—	—	—	—
2640 liquid natural gas	0	0	—	—	—	—
2990 petro. products nec	0	—	0	—	—	—
Total chemicals and related products	90	6	83	—	1	—
Subtotal other chemicals and related products	90	6	83	—	1	—
3211 acyclic hydrocarbons	0	0	—	—	—	—
3219 other hydrocarbons	0	0	—	—	—	—
3220 alcohols	71	3	67	—	1	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—
3282 pigments & paints	0	0	—	—	—	—
3297 chemical additives	0	—	0	—	—	—
3299 chem. products nec	19	3	16	—	—	—
Total crude materials, inedible except fuels	1,540	29	96	1,072	317	27
Subtotal forest products, wood and chips	1,102	20	90	768	224	—
4161 wood chips	167	19	—	148	—	—
4170 wood in the rough	844	1	—	620	223	—
4189 lumber	91	0	90	0	1	—
Subtotal soil, sand, gravel, rock and stone	391	—	7	303	54	27
4331 sand & gravel	360	—	7	300	53	—
4335 waterway improv. mat	30	—	—	3	—	27
4338 soil & fill dirt	1	—	—	—	1	—
Subtotal iron ore and scrap	47	9	—	0	38	—
4420 iron & steel scrap	47	9	—	0	38	—
Total primary manufactured goods	157	8	142	1	6	—
Subtotal paper products	18	0	18	—	—	—
5110 newsprint	0	—	0	—	—	—
5190 paper products nec	18	0	18	—	—	—
Subtotal lime, cement and glass	71	0	64	1	5	—
5220 cement & concrete	2	—	2	—	—	—
5240 glass & glass prod.	3	—	3	—	—	—
5290 misc. mineral prod.	66	0	60	1	5	—
Subtotal primary iron and steel products	2	0	2	—	—	—
5360 i&s bars & shapes	1	—	1	—	—	—
5370 i&s pipe & tube	1	0	1	—	—	—
Subtotal primary non-ferrous metal products	55	8	47	—	0	—
5480 fab. metal products	55	8	47	—	0	—
Subtotal primary wood products	10	—	10	—	—	—
5540 primary wood prod.	10	—	10	—	—	—
Total food and farm products	374	20	354	—	—	—
Subtotal fish	10	10	—	—	—	—
6134 fish (not shellfish)	10	10	—	—	—	—
Subtotal vegetable products	0	—	0	—	—	—
6654 vegetables & prod.	0	—	0	—	—	—
Subtotal other agricultural products	364	10	354	—	—	—
6835 fish, prepared	8	8	—	—	—	—
6887 groceries	355	2	353	—	—	—
6889 food products nec	1	—	1	—	—	—
Total all manufactured equipment, machinery and products	1,334	218	1,110	1	5	0
7110 machinery (not elec)	6	0	6	0	—	—
7120 electrical machinery	2	0	2	—	—	—
7210 vehicles & parts	65	11	54	—	—	—
7220 aircraft & parts	2	—	—	1	2	—
7400 manufac. wood prod.	44	0	43	0	1	—
7500 textile products	6	6	—	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—
7900 manufac. prod. nec	1,209	200	1,006	0	2	0
Total unknown or not elsewhere classified	17	5	11	—	—	—
9900 unknown or nec	17	5	11	—	—	—

*Includes 212,746 tons of foreign inbound in-transits; Includes 235,687 tons of foreign outbound in-transits.

SEATTLE HARBOR, WA

Section Included: From Union Oil dock near Edmonds on the North to Fauntleroy Ferry Slip on the south, including Elliott Bay, East, West, and Duwamish Waterway, Lake Washington Ship Canal, Salmon Bay, Lake Union, Lake Washington, and Kenmore Navigation Channel. Controlling Depth: Elliott Bay, unlimited; West Waterway, 28.0 feet; East Waterway, 31.2 feet; Duwamish Waterway, 18.2 feet from head of West Waterway to 1st Avenue So., 11.0 feet from 1st Avenue So. 14th Avenue So. 8.5 feet from 14th Avenue So. to head of waterway; Lake Washington Ship Canal, 29.2 feet below locks; above the locks 26.1 feet, Kenmore Navigation Channel; 13.6 feet. Project Depth: Elliot Bay, unlimited; East and West Waterways, 34 feet; Duwamish Waterway, 30 feet to First Avenue South; 20 feet to 8th Avenue South; and 15 feet from 8th Avenue South to head of waterway; Lake Washington Ship Canal, 34 feet below locks; 30 feet at lower pool level, Kenmore Navigation Channel; 15 feet. All depths refer to mlw except inside Lake Washington Ship Canal which reflects low lake level.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	22,336	1997	26,564	2000	24,156	2003	19,448
1995	26,180	1998	22,594	2001	20,546		
1996	23,547	1999	25,443	2002	19,591		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	13,573	3,808	6,769	2,941	56
Total coal	93	0	0	93	---
1100 coal lignite	93	0	0	93	---
Total petroleum and petroleum products	133	41	4	60	29
Subtotal petroleum products	133	41	4	60	29
2211 gasoline	9	0	0	---	9
2221 kerosene	0	0	0	---	---
2330 distillate fuel oil	37	20	1	10	7
2340 residual fuel oil	74	21	---	40	13
2350 lube oil & greases	2	0	1	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	10	0	1	9	---
2430 asphalt, tar & pitch	0	---	0	---	---
2540 petroleum coke	0	0	0	---	---
2640 liquid natural gas	0	0	0	---	---
Total chemicals and related products	404	169	209	25	0
Subtotal fertilizers	5	2	3	---	---
3110 nitrogenous fert.	0	---	0	---	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	0	0	0	---	---
3190 fert. & mixes nec	5	2	3	---	---
Subtotal other chemicals and related products	399	168	206	25	0
3211 acyclic hydrocarbons	1	---	1	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	4	1	3	---	---
3220 alcohols	12	9	3	---	---
3230 carboxylic acids	15	8	7	---	---
3240 nitrogen func. comp.	27	21	6	---	---
3250 organo - inorg. comp.	5	4	1	---	---
3260 organic comp. nec	10	1	9	0	0
3272 sulphuric acid	1	0	0	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	2	0	2	---	---
3275 inorg. elem., oxides, & halogen salts	26	13	13	0	---
3276 metallic salts	17	13	4	---	0
3279 inorganic chem. nec	5	2	3	---	---
3281 radioactive material	2	0	2	---	---
3282 pigments & paints	10	5	5	---	0
3283 coloring mat. nec	2	2	1	---	---
3284 medicines	20	7	13	---	---
3285 perfumes & cleansers	28	9	18	0	---
3286 plastics	134	55	79	0	0
3291 pesticides	3	2	1	---	---
3292 starches, gluten, glue	28	6	19	3	---
3293 explosives	1	1	0	---	---
3297 chemical additives	3	1	3	0	0
3298 wood & resin chem.	0	0	0	---	---
3299 chem. products nec	41	7	13	22	0
Total crude materials, inedible except fuels	3,045	354	725	1,963	3
Subtotal forest products, wood and chips	263	41	210	9	3
4110 rubber & gums	11	10	1	---	---
4150 fuel wood	1	1	0	---	---
4161 wood chips	0	0	0	---	---
4170 wood in the rough	51	1	46	4	---
4189 lumber	195	26	161	5	3
4190 forest products nec	5	3	2	0	0
Subtotal pulp and waste paper	457	1	453	4	---
4225 pulp & waste paper	457	1	453	4	---
Subtotal soil, sand, gravel, rock and stone	2,243	305	2	1,937	---
4310 building stone	10	9	0	0	---
4322 limestone	1,472	0	0	1,472	---
4323 gypsum	439	293	0	146	---
4331 sand & gravel	323	3	1	319	---

SEATTLE HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal iron ore and scrap	8	0	4	5	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	8	0	4	5	---
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	13	2	10	0	---
4630 copper ore	0	---	0	---	---
4650 aluminum ore	4	2	2	---	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	8	0	8	0	---
4690 non-ferrous ores nec	0	0	0	---	---
Subtotal sulphur, clay and salt	40	1	38	0	---
4741 sulphur, (dry)	0	---	0	---	---
4782 clay & refrac. mat.	40	1	38	0	---
Subtotal other non-metal. min.	19	3	9	8	---
4900 non-metal. min. nec	19	3	9	8	---
Total primary manufactured goods	1,891	719	399	756	18
Subtotal paper products	320	68	250	2	0
5110 newsprint	13	1	12	1	---
5120 paper & paperboard	261	42	217	1	0
5190 paper products nec	46	25	21	0	---
Subtotal lime, cement and glass	971	293	36	623	18
5210 lime	0	---	0	---	---
5220 cement & concrete	792	171	0	603	18
5240 glass & glass prod.	50	33	17	0	---
5290 misc. mineral prod.	129	89	19	20	---
Subtotal primary iron and steel products	57	47	10	0	---
5312 pig iron	3	3	1	---	---
5315 ferro alloys	2	1	1	---	---
5320 i&s primary forms	9	7	3	0	---
5330 i&s plates & sheets	9	5	4	---	---
5360 i&s bars & shapes	10	9	1	---	---
5370 i&s pipe & tube	12	10	1	0	---
5390 primary i&s nec	12	12	1	---	---
Subtotal primary non-ferrous metal products	519	293	96	130	0
5421 copper	8	7	1	---	---
5422 aluminum	17	6	11	---	---
5429 smelted prod. nec	180	5	45	129	---
5480 fab. metal products	314	274	39	0	0
Subtotal primary wood products	24	17	7	0	---
5540 primary wood prod.	24	17	7	0	---
Total food and farm products	5,401	265	5,124	8	5
Subtotal fish	142	42	96	0	3
6134 fish (not shellfish)	122	29	90	0	3
6136 shellfish	20	14	6	0	0
Subtotal grain	1,564	14	1,549	---	0
6241 wheat	14	---	14	---	0
6344 corn	1,508	0	1,507	---	0
6442 rice	16	14	2	---	---
6443 barley & rye	1	---	1	---	0
6445 oats	0	0	0	---	---
6447 sorghum grains	25	---	25	---	---
Subtotal oilseeds	1,734	2	1,731	2	---
6521 peanuts	0	0	0	---	---
6522 soybeans	1,722	1	1,719	2	---
6534 flaxseed	1	0	0	0	---
6590 oilseeds nec	11	1	11	---	---
Subtotal vegetable products	322	20	301	0	1
6653 vegetable oils	8	1	7	0	---
6654 vegetables & prod.	314	19	294	0	1
Subtotal processed grain and animal feed	807	5	801	1	0
6746 wheat flour	2	0	2	---	---
6747 grain mill products	12	2	10	---	---
6781 hay & fodder	492	2	489	1	---
6782 animal feed, prep.	302	1	300	1	0
Subtotal other agricultural products	832	182	646	4	0
6811 meat, fresh, frozen	271	32	236	3	---
6817 meat, prepared	3	0	3	---	---
6822 dairy products	52	0	51	0	---
6835 fish, prepared	18	4	14	0	0
6838 tallow, animal oils	0	0	0	---	---
6839 animals & prod. nec	104	6	97	1	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	135	17	118	---	0
6858 fruit juices	46	29	17	0	0
6861 sugar	0	0	0	---	---
6865 molasses	14	14	---	---	---
6871 coffee	36	36	1	---	---
6872 cocoa beans	3	3	0	---	---
6885 alcoholic beverages	33	17	16	---	---
6888 water & ice	10	8	2	---	---
6889 food products nec	81	13	69	0	---
6891 tobacco & products	1	0	0	0	---
6893 cotton	4	0	4	---	---

SEATTLE HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6894 natural fibers nec	1	1	0	—	—
6899 farm products nec	19	1	18	—	0
Total all manufactured equipment, machinery and products	2,409	2,163	242	2	1
7110 machinery (not elec)	340	273	66	0	1
7120 electrical machinery	316	290	27	0	0
7210 vehicles & parts	247	215	32	0	0
7220 aircraft & parts	5	4	1	—	0
7230 ships & boats	9	7	1	0	0
7300 ordnance & access.	1	0	0	0	—
7400 manufac. wood prod.	49	40	8	0	0
7500 textile products	268	243	25	0	0
7600 rubber & plastic pr.	212	196	16	0	—
7900 manufac. prod. nec	962	895	67	0	0
Total unknown or not elsewhere classified	198	97	65	35	0
9900 unknown or nec	198	97	65	35	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	5,875	438	931	3,212	703	592
Total coal	0	—	—	0	0	—
1100 coal lignite	0	—	—	0	0	—
Total petroleum and petroleum products	1,867	220	65	862	230	490
Subtotal crude petroleum	0	0	0	—	—	—
2100 crude petroleum	0	0	0	—	—	—
Subtotal petroleum products	1,866	220	65	862	230	490
2211 gasoline	145	—	2	119	23	—
2330 distillate fuel oil	162	3	8	107	37	7
2340 residual fuel oil	1,448	148	51	626	141	482
2350 lube oil & greases	25	17	0	0	6	1
2429 naphtha & solvents	1	—	—	—	1	—
2430 asphalt, tar & pitch	62	51	0	0	11	—
2640 liquid natural gas	9	0	1	0	7	—
2990 petro. products nec	14	0	2	9	3	—
Total chemicals and related products	89	1	60	8	13	7
Subtotal fertilizers	39	—	37	0	2	—
3110 nitrogenous fert.	2	—	0	0	2	—
3120 phosphatic fert.	2	—	2	—	—	—
3190 fert. & mixes nec	35	—	35	—	0	—
Subtotal other chemicals and related products	50	1	23	8	11	7
3220 alcohols	7	0	0	0	0	7
3260 organic comp. nec	0	—	—	—	0	—
3275 inorg. elem., oxides, & halogen salts	1	—	1	—	—	—
3276 metallic salts	6	—	2	0	4	—
3281 radioactive material	0	0	—	—	—	—
3282 pigments & paints	2	0	0	0	1	—
3284 medicines	0	—	—	—	0	—
3285 perfumes & cleansers	4	0	4	—	0	—
3286 plastics	13	0	12	0	1	—
3291 pesticides	0	—	0	—	—	—
3293 explosives	3	—	2	1	0	—
3297 chemical additives	0	—	—	—	0	—
3299 chem. products nec	15	1	3	7	4	—
Total crude materials, inedible except fuels	2,385	13	164	2,156	52	0
Subtotal forest products, wood and chips	199	2	150	20	27	0
4150 fuel wood	1	1	—	—	0	—
4161 wood chips	0	—	—	—	0	—
4170 wood in the rough	4	0	1	2	1	—
4189 lumber	184	0	148	17	19	0
4190 forest products nec	9	—	2	1	7	—
Subtotal pulp and waste paper	1	1	0	0	—	—
4225 pulp & waste paper	1	1	0	0	—	—
Subtotal soil, sand, gravel, rock and stone	2,113	6	2	2,093	12	0
4331 sand & gravel	2,107	5	0	2,090	12	0
4338 soil & fill dirt	6	1	2	3	0	—
Subtotal iron ore and scrap	46	4	—	42	0	—
4420 iron & steel scrap	46	4	—	42	0	—
Subtotal non-ferrous ores and scrap	5	—	1	0	3	—
4630 copper ore	5	—	1	0	3	—
Subtotal slag	3	—	—	—	3	—
4860 slag	3	—	—	—	3	—
Subtotal other non-metal. min.	17	0	11	0	6	—
4900 non-metal. min. nec	17	0	11	0	6	—

SEATTLE HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
Total primary manufactured goods	468	10	268	10	124	57
Subtotal paper products	52	6	37	1	8	—
5110 newsprint	2	—	2	0	1	—
5120 paper & paperboard	4	—	4	—	—	—
5190 paper products nec	46	6	31	1	8	—
Subtotal lime, cement and glass	255	1	119	6	72	57
5210 lime	12	—	6	0	6	—
5220 cement & concrete	108	—	13	0	39	57
5240 glass & glass prod.	6	—	2	0	5	—
5290 misc. mineral prod.	128	1	100	6	23	0
Subtotal primary iron and steel products	27	0	25	0	2	—
5320 i&s primary forms	0	—	—	—	0	—
5360 i&s bars & shapes	19	0	19	0	1	—
5370 i&s pipe & tube	8	0	6	0	2	—
5390 primary i&s nec	0	—	—	—	0	—
Subtotal primary non-ferrous metal products	112	3	72	2	34	—
5421 copper	0	—	—	—	0	—
5480 fab. metal products	112	3	72	2	34	—
Subtotal primary wood products	22	0	15	0	6	—
5540 primary wood prod.	22	0	15	0	6	—
Total food and farm products	575	142	149	115	132	38
Subtotal fish	127	68	3	54	2	—
6134 fish (not shellfish)	124	66	3	52	2	—
6136 shellfish	3	1	—	2	—	—
Subtotal vegetable products	36	0	35	—	0	—
6654 vegetables & prod.	36	0	35	—	0	—
Subtotal processed grain and animal feed	48	0	48	0	0	—
6746 wheat flour	4	—	4	—	—	—
6747 grain mill products	3	—	3	0	—	—
6781 hay & fodder	1	—	1	—	—	—
6782 animal feed, prep.	41	0	41	—	0	—
Subtotal other agricultural products	365	74	62	61	130	38
6811 meat, fresh, frozen	2	0	2	—	0	—
6822 dairy products	0	0	—	—	—	—
6835 fish, prepared	57	16	0	41	0	—
6838 tallow, animal oils	0	—	—	0	—	—
6839 animals & prod. nec	1	1	0	—	—	—
6857 fruit & nuts nec	12	10	2	—	—	—
6858 fruit juices	6	6	0	—	0	—
6861 sugar	0	0	—	—	—	—
6865 molasses	77	39	—	—	—	38
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	44	—	10	14	20	—
6887 groceries	73	0	6	1	66	—
6888 water & ice	3	0	1	3	—	—
6889 food products nec	84	0	39	2	43	—
6891 tobacco & products	0	—	0	0	0	—
6899 farm products nec	4	1	2	—	0	—
Total all manufactured equipment, machinery and products	466	51	225	37	153	0
7110 machinery (not elec)	68	27	25	6	9	—
7120 electrical machinery	4	0	1	0	3	—
7210 vehicles & parts	39	8	12	5	14	—
7220 aircraft & parts	11	0	0	2	9	0
7230 ships & boats	4	0	1	1	2	—
7300 ordnance & access.	2	—	2	—	0	—
7400 manufac. wood prod.	71	1	56	1	13	0
7500 textile products	1	0	0	0	1	—
7600 rubber & plastic pr.	3	0	0	0	2	—
7900 manufac. prod. nec	262	14	127	20	101	—
Total waste and scrap nec	25	1	—	24	—	—
8900 waste and scrap nec	25	1	—	24	—	—
Total unknown or not elsewhere classified	0	0	0	—	—	—
9900 unknown or nec	0	0	0	—	—	—

*Includes 92,175 tons of foreign inbound in-transits; Includes 65,511 tons of foreign outbound in-transits;
Includes 6,405 tons of Canadian inbound in-transits; Includes 1,028 tons of Canadian outbound in-transits.

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)

Section Included: As described under Seattle Harbor, WA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,365	1997	1,496	2000	1,566	2003	1,105
1995	1,555	1998	1,679	2001	695		
1996	1,316	1999	1,594	2002	1,013		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic				
			Total	Coastwise		Internal	
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total, all commodities	1,105	11	1,094	42	36	1,015	1
Total petroleum and petroleum products	1	---	1	---	---	1	0
Subtotal petroleum products	1	---	1	---	---	1	0
2330 distillate fuel oil	0	---	0	---	---	0	0
2340 residual fuel oil	1	---	1	---	---	1	---
Total crude materials, inedible except fuels	1,030	11	1,019	0	7	1,012	0
Subtotal forest products, wood and chips	0	---	0	---	0	---	---
4189 lumber	0	---	0	---	0	---	---
Subtotal soil, sand, gravel, rock and stone	1,023	11	1,012	---	---	1,012	---
4331 sand & gravel	1,023	11	1,012	---	---	1,012	---
Subtotal other non-metal. min.	7	---	7	0	7	---	0
4900 non-metal. min. nec	7	---	7	0	7	---	0
Total primary manufactured goods	17	---	17	1	15	0	0
Subtotal paper products	6	---	6	---	6	---	0
5190 paper products nec	6	---	6	---	6	---	0
Subtotal primary non-ferrous metal products	11	---	11	1	10	0	0
5480 fab. metal products	11	---	11	1	10	0	0
Total food and farm products	47	---	47	40	4	3	0
Subtotal fish	45	---	45	40	2	3	---
6134 fish (not shellfish)	45	---	45	40	2	3	---
6136 shellfish	0	---	0	0	---	---	---
Subtotal vegetable products	0	---	0	---	0	---	0
6654 vegetables & prod.	0	---	0	---	0	---	0
Subtotal other agricultural products	1	---	1	---	1	0	0
6811 meat, fresh, frozen	0	---	0	---	0	---	0
6835 fish, prepared	0	---	0	---	---	0	---
6858 fruit juices	0	---	0	---	0	---	0
Total all manufactured equipment, machinery and products	11	---	11	0	10	0	0
7900 manufac. prod. nec	11	---	11	0	10	0	0

EVERETT HARBOR AND SNOHOMISH RIVER, WA

Section Included: Port Gardner Bay from the Weyerhaeuser Company Thermo-Mechanical Mill, on the south to Preston Point on the north and including the Snohomish River and Tributary Waters. Controlling Depth: East Waterway, 33.3 feet; 14.0 feet in Port Gardner Bay to the settling basin; 8.8 feet in the settling basin; 6.1 feet from the settling basin to Burlington Northern Railroad; 4.8 feet from Burlington Northern Railroad to head of waterway at Steamboat Slough. Project Depth: East Waterway, 30 feet; deep water in Port Gardner Bay to settling basin, 15 feet; settling basin, 20 feet; from the settling basin to the gap, 8 feet; from the gap to the upstream settling basin, 8 feet; 40 feet in upstream settling basin; 8 feet to head of waterway. All depths refer to mhw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	4,192	1997	3,640	2000	3,457	2003	2,712
1995	4,441	1998	3,321	2001	2,868		
1996	4,007	1999	3,815	2002	3,009		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian		Domestic				
			Inbound	Outbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
Total, all commodities	2,712	10	265	275	2,162	3	1,395	760	3
Total petroleum and petroleum products	4	---	---	---	4	---	4	---	---
Subtotal petroleum products	4	---	---	---	4	---	4	---	---
2340 residual fuel oil	4	---	---	---	4	---	4	---	---

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Outbound	Inbound	Outbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
Total crude materials, inedible except fuels	2,633	10	224	256	2,143	3	1,381	756	3
Subtotal forest products, wood and chips	2,084	10	224	256	1,595	3	833	756	3
4150 fuel wood	134	—	12	123	—	—	—	—	—
4161 wood chips	317	—	149	107	61	—	9	52	—
4170 wood in the rough	1,568	10	24	—	1,533	3	824	704	3
4189 lumber	65	0	39	26	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	548	—	—	—	548	—	548	—	—
4331 sand & gravel	548	—	—	—	548	—	548	—	—
Total primary manufactured goods	38	—	38	—	—	—	—	—	—
Subtotal paper products	24	—	24	—	—	—	—	—	—
5120 paper & paperboard	24	—	24	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	14	—	14	—	—	—	—	—	—
5429 smelted prod. nec	14	—	14	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	33	—	—	20	13	—	10	3	—
7110 machinery (not elec)	10	—	—	10	—	—	—	—	—
7220 aircraft & parts	13	—	—	—	13	—	10	3	—
7400 manufac. wood prod.	10	—	—	10	—	—	—	—	—
7900 manufac. prod. nec	0	—	—	—	0	—	0	—	—
Total unknown or not elsewhere classified	4	—	2	—	2	—	0	2	—
9900 unknown or nec	4	—	2	—	2	—	0	2	—

ANACORTES HARBOR, WA

Section Included: Water front of Fidalgo Island from Burrows Bay to and including the oil refinery wharves on Fidalgo Bay. Controlling Depth: Main harbor on Guemes Channel, 33 feet; CapSante Waterway, Outer Waterway 11.4 feet, Inner Waterway 11.8 feet, Anacortes Navigation Channel, 16.2 feet. Project Depth: No project for main harbor; Ca Sante Waterway, 12 feet Anacortes Navigation Channel, 18 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	12,950	1997	13,904	2000	18,005	2003	15,820
1995	13,110	1998	11,948	2001	16,769		
1996	13,844	1999	16,232	2002	15,363		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound*	Outbound
Total, all commodities	2,598	1,027	537	465	569
Total coal	6	—	—	—	6
1200 coal coke	6	—	—	—	6
Total petroleum and petroleum products	2,123	1,027	509	23	563
Subtotal crude petroleum	1,027	1,027	—	—	—
2100 crude petroleum	1,027	1,027	—	—	—
Subtotal petroleum products	1,096	—	509	23	563
2211 gasoline	48	—	22	2	23
2221 kerosene	67	—	—	—	67
2330 distillate fuel oil	230	—	131	15	84
2340 residual fuel oil	262	—	119	—	143
2429 naphtha & solvents	89	—	37	6	46
2430 asphalt, tar & pitch	61	—	61	—	—
2540 petroleum coke	339	—	139	—	201
Total chemicals and related products	26	—	21	5	—
Subtotal fertilizers	3	—	3	—	—
3110 nitrogenous fert.	3	—	3	—	—
Subtotal other chemicals and related products	23	—	18	5	—
3211 acyclic hydrocarbons	18	—	18	—	—
3297 chemical additives	5	—	—	5	—
Total crude materials, inedible except fuels	441	—	7	434	—
Subtotal forest products, wood and chips	441	—	7	434	—
4161 wood chips	44	—	—	44	—
4170 wood in the rough	395	—	7	389	—
4189 lumber	2	—	—	2	—

ANACORTES HARBOR, WA
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound*	Outbound
Total food and farm products	2	---	---	2	---
Subtotal processed grain and animal feed	2	---	---	2	---
6782 animal feed, prep.	2	---	---	2	---
Total all manufactured equipment, machinery and products	1	---	---	1	---
7400 manufac. wood prod.	1	---	---	1	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	13,222	10,384	1,589	193	1,014	42
Total petroleum and petroleum products	13,195	10,384	1,568	190	1,011	42
Subtotal crude petroleum	10,129	9,958	171	---	---	---
2100 crude petroleum	10,129	9,958	171	---	---	---
Subtotal petroleum products	3,066	426	1,397	190	1,011	42
2211 gasoline	1,085	93	736	---	239	16
2330 distillate fuel oil	798	118	386	153	140	1
2340 residual fuel oil	992	52	255	36	623	25
2350 lube oil & greases	155	134	20	0	0	0
2430 asphalt, tar & pitch	1	---	---	---	1	---
2640 liquid natural gas	0	---	---	---	0	---
2990 petro. products nec	36	28	---	---	8	---
Total chemicals and related products	21	---	21	---	---	---
Subtotal other chemicals and related products	21	---	21	---	---	---
3297 chemical additives	21	---	21	---	---	---
Total crude materials, inedible except fuels	5	---	---	3	2	---
Subtotal forest products, wood and chips	5	---	---	3	2	---
4170 wood in the rough	5	---	---	3	2	---
4189 lumber	0	---	---	---	0	---
Total primary manufactured goods	0	---	---	---	0	---
Subtotal lime, cement and glass	0	---	---	---	0	---
5290 misc. mineral prod.	0	---	---	---	0	---
Total all manufactured equipment, machinery and products	1	---	---	---	1	---
7210 vehicles & parts	0	---	---	---	0	---
7400 manufac. wood prod.	0	---	---	---	0	---
Total waste and scrap nec	0	---	---	---	0	---
8900 waste and scrap nec	0	---	---	---	0	---

*Includes 4,151 tons of foreign outbound in-transits; Includes 8,254 tons of Canadian inbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons
BELLINGHAM BAY AND HARBOR, WA	2100 crude petroleum	67
	2211 gasoline	6
	2330 distillate fuel oil	4
	2350 lube oil & greases	0
	3220 alcohols	3
	4323 gypsum	10
	4331 sand & gravel	18
	5120 paper & paperboard	0
	5290 misc. mineral prod.	2
	5480 fab. metal products	0
	6134 fish (not shellfish)	4
	6654 vegetables & prod.	3
	6811 meat, fresh, frozen	5
	6817 meat, prepared	0
	6857 fruit & nuts nec	0
	7110 machinery (not elec)	1
7230 ships & boats	0	
7900 manufac. prod. nec	0	
9900 unknown or nec	0	
	Total Tons(x1000)	123
BLAINE HARBOR, WA	7500 textile products	0
	Total Tons(x1000)	0
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	No Commerce Reported	
FLATHEAD LAKE, MT	No Commerce Reported	
HOQUIAM RIVER, WA	No Commerce Reported	
KOOTENAI RIVER, ID AND MT	No Commerce Reported	
LAKE CROCKETT, WA	No Commerce Reported	
NEAH BAY, WA	No Commerce Reported	
PORT GAMBLE HARBOR, WA	4170 wood in the rough	36
	Total Tons(x1000)	36
PORT TOWNSEND HARBOR, WA	2340 residual fuel oil	28
	4161 wood chips	83
	4170 wood in the rough	11
	Total Tons(x1000)	122
QUILLAYUTE RIVER, WA	No Commerce Reported	
SKAGIT RIVER, WA	6134 fish (not shellfish)	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	0

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
STILLAGUAMISH RIVER, WA	No Commerce Reported	
SWINOMISH CHANNEL, WA	3299 chem. products nec	3
	4161 wood chips	2
	4170 wood in the rough	41
	4331 sand & gravel	10
	Total Tons(x1000)	56
	Total Ton-miles(x1000)	153
	Total Trip-ton-miles Internal and Intraport (x1000)	3,542
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	No Commerce Reported	
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	No Commerce Reported	
Non-project		
OTHER PUGET SOUND AREA PORTS, WA (NET)	2100 crude petroleum	14,511
	2211 gasoline	2,124
	2221 kerosene	86
	2330 distillate fuel oil	1,513
	2340 residual fuel oil	732
	2350 lube oil & greases	13
	2429 naphtha & solvents	270
	2430 asphalt, tar & pitch	1
	2640 liquid natural gas	83
	2990 petro. products nec	28
	3212 benzene & toluene	90
	4170 wood in the rough	680
	4189 lumber	2
	4331 sand & gravel	3,065
	4335 waterway improv. mat	3
	4338 soil & fill dirt	1
	4420 iron & steel scrap	1
	4650 aluminum ore	298
	5290 misc. mineral prod.	2
	5480 fab. metal products	0
	6134 fish (not shellfish)	0
	7110 machinery (not elec)	3
	7210 vehicles & parts	1
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	2
	8900 waste and scrap nec	0
	9900 unknown or nec	2
	Total Tons(x1000)	23,515

KETCHIKAN HARBOR, AK

Section Included: Tongass Narrows from Point Higgins on the north to Mountain Point on the south and including Herring Bay on George Inlet. Controlling Depth: Main Harbor, adequate; small boat basins, Ketchikan Creek, 10.0 feet; Bar Point, 15 feet. Project Depth: No project depth for Main Harbor; small boat basins, 10 and 15 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	1,759	1997	1,241	2000	756	2003	680
1995	1,821	1998	937	2001	596		
1996	1,341	1999	1,400	2002	753		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic				
		Outbound	Inbound	Total	Coastwise		Internal			
					Receipts	Shipments	Receipts	Shipments	Intraport	
Total, all commodities	680	144	113	422	33	15	195	175	5	
Total coal	0	---	---	0	---	---	---	0	---	
1100 coal lignite	0	---	---	0	---	---	---	0	---	
Total petroleum and petroleum products	285	---	70	215	33	14	74	89	4	
Subtotal petroleum products	285	---	70	215	33	14	74	89	4	
2211 gasoline	108	---	15	93	18	7	34	33	1	
2221 kerosene	4	---	4	---	---	---	---	---	---	
2330 distillate fuel oil	159	---	52	107	15	8	27	55	2	
2350 lube oil & greases	0	---	---	0	---	---	0	0	---	
2429 naphtha & solvents	1	---	---	1	---	---	1	---	---	
2430 asphalt, tar & pitch	8	---	---	8	---	---	7	1	---	
2640 liquid natural gas	3	---	---	3	---	---	3	0	---	
2990 petro. products nec	3	---	---	3	---	---	2	0	---	
Total chemicals and related products	8	0	0	7	---	0	2	5	---	
Subtotal fertilizers	0	---	---	0	---	---	0	0	---	
3110 nitrogenous fert.	0	---	---	0	---	---	0	0	---	
Subtotal other chemicals and related products	7	0	0	7	---	0	1	5	---	
3220 alcohols	0	---	---	0	---	---	0	0	---	
3276 metallic salts	0	---	---	0	---	---	0	0	---	
3282 pigments & paints	0	---	---	0	---	---	0	0	---	
3286 plastics	0	0	---	0	---	---	0	0	---	
3293 explosives	2	---	0	2	---	---	0	1	---	
3299 chem. products nec	5	---	0	5	---	0	1	4	---	
Total crude materials, inedible except fuels	201	130	43	28	---	---	9	18	1	
Subtotal forest products, wood and chips	149	130	---	19	---	---	4	14	---	
4170 wood in the rough	130	129	---	1	---	---	1	1	---	
4189 lumber	17	1	---	16	---	---	3	13	---	
4190 forest products nec	1	---	---	1	---	---	1	0	---	
Subtotal soil, sand, gravel, rock and stone	46	---	43	3	---	---	---	2	1	
4331 sand & gravel	43	---	43	1	---	---	---	---	1	
4338 soil & fill dirt	2	---	---	2	---	---	---	2	---	
Subtotal iron ore and scrap	1	---	---	1	---	---	0	1	---	
4420 iron & steel scrap	1	---	---	1	---	---	0	1	---	
Subtotal slag	3	---	---	3	---	---	3	---	---	
4860 slag	3	---	---	3	---	---	3	---	---	
Subtotal other non-metal. min.	2	---	---	2	---	---	1	0	---	
4900 non-metal. min. nec	2	---	---	2	---	---	1	0	---	
Total primary manufactured goods	28	0	---	28	---	0	25	3	---	
Subtotal paper products	4	0	---	4	---	---	3	1	---	
5110 newsprint	0	---	---	0	---	---	0	0	---	
5120 paper & paperboard	0	0	---	---	---	---	---	---	---	
5190 paper products nec	4	---	---	4	---	---	2	1	---	
Subtotal lime, cement and glass	13	---	---	13	---	---	12	1	---	
5210 lime	0	---	---	0	---	---	0	---	---	
5220 cement & concrete	9	---	---	9	---	---	9	0	---	
5240 glass & glass prod.	0	---	---	0	---	---	0	0	---	
5290 misc. mineral prod.	3	---	---	3	---	---	2	0	---	
Subtotal primary iron and steel products	1	---	---	1	---	---	1	0	---	
5360 i&s bars & shapes	0	---	---	0	---	---	0	---	---	
5370 i&s pipe & tube	1	---	---	1	---	---	1	0	---	
5390 primary i&s nec	0	---	---	0	---	---	0	0	---	
Subtotal primary non-ferrous metal products	10	---	---	10	---	0	9	1	---	
5480 fab. metal products	10	---	---	10	---	0	9	1	---	

KETCHIKAN HARBOR, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic					
		Outbound	Inbound	Total	Coastwise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal primary wood products	1	---	---	1	---	---	1	0	---
5540 primary wood prod.	1	---	---	1	---	---	1	0	---
Total food and farm products	78	14	---	64	---	0	34	30	---
Subtotal fish	37	13	---	24	---	---	4	19	---
6134 fish (not shellfish)	37	13	---	24	---	---	4	19	---
6136 shellfish	0	---	---	0	---	---	0	0	---
Subtotal oilseeds	0	0	---	---	---	---	---	---	---
6590 oilseeds nec	0	0	---	---	---	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---	---	---	---
6654 vegetables & prod.	0	0	---	---	---	---	---	---	---
Subtotal processed grain and animal feed	1	1	---	---	---	---	---	---	---
6782 animal feed, prep.	1	1	---	---	---	---	---	---	---
Subtotal other agricultural products	40	0	---	40	---	0	29	11	---
6811 meat, fresh, frozen	0	0	---	---	---	---	---	---	---
6835 fish, prepared	8	---	---	8	---	---	0	8	---
6885 alcoholic beverages	4	0	---	4	---	0	4	0	---
6887 groceries	18	---	---	18	---	0	16	2	---
6889 food products nec	9	---	---	9	---	---	9	1	---
6891 tobacco & products	0	---	---	0	---	---	---	0	---
6899 farm products nec	0	---	---	0	---	---	0	---	---
Total all manufactured equipment, machinery and products	70	0	0	70	0	0	51	18	0
7110 machinery (not elec)	10	---	0	10	0	0	5	4	---
7120 electrical machinery	1	0	---	1	---	0	1	0	---
7210 vehicles & parts	7	---	---	7	0	0	5	3	---
7230 ships & boats	1	---	0	1	0	0	1	0	---
7400 manufac. wood prod.	2	---	---	2	---	---	1	0	---
7500 textile products	0	---	---	0	---	0	0	0	---
7600 rubber & plastic pr.	0	---	---	0	---	---	0	0	---
7900 manufac. prod. nec	48	---	---	48	0	0	37	11	0
Total waste and scrap nec	11	---	---	11	---	---	---	11	---
8900 waste and scrap nec	11	---	---	11	---	---	---	11	---
Total unknown or not elsewhere classified	0	---	0	---	---	---	---	---	---
9900 unknown or nec	0	---	0	---	---	---	---	---	---

WRANGELL NARROWS, AK

Section Included: Entire 24 mile long waterway. Controlling Depth: 26 feet in the anchorage basin and 24 feet in the authorized channel with exception of the area near Colorado Reef where a depth of 21.6 feet exists. Project Depth: 27 feet through Petersburg Bar; 26 feet in anchorage basin, vicinity of mile 14; all other, 24 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	547	1997	496	2000	630	2003	766
1995	544	1998	432	2001	530		
1996	473	1999	404	2002	568		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Domestic							
		Coastwise		Internal				Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	766	36	29	120	26	61	79	351	64
Total coal	0	---	---	0	---	---	0	0	---
1100 coal lignite	0	---	---	0	---	---	0	0	---
Total petroleum and petroleum products	205	24	25	21	1	1	0	129	3
Subtotal petroleum products	205	24	25	21	1	1	0	129	3
2211 gasoline	93	15	11	7	1	0	0	58	1
2330 distillate fuel oil	96	9	13	11	1	---	0	61	2
2350 lube oil & greases	5	0	---	1	0	0	0	3	0
2429 naphtha & solvents	0	---	---	0	---	---	---	0	---
2430 asphalt, tar & pitch	5	---	---	0	---	0	---	4	0

WRANGELL NARROWS, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Domestic							
		Coastwise		Internal					
		Through		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
2640 liquid natural gas	4	---	---	1	0	0	0	2	0
2990 petro. products nec	2	---	---	0	---	0	0	1	0
Total chemicals and related products	17	1	---	2	0	1	1	9	2
Subtotal fertilizers	3	0	---	1	0	1	0	1	0
3110 nitrogenous fert.	3	0	---	1	0	1	0	1	0
3190 fert. & mixes nec	0	---	---	---	---	---	---	0	---
Subtotal other chemicals and related products	14	1	---	1	0	1	0	8	2
3220 alcohols	1	1	---	0	---	0	0	0	---
3260 organic comp. nec	0	---	---	0	---	0	---	0	---
3276 metallic salts	4	---	---	0	---	0	0	4	---
3282 pigments & paints	2	0	---	0	0	0	0	1	0
3284 medicines	0	---	---	---	---	---	---	0	---
3285 perfumes & cleansers	0	---	---	---	---	---	---	0	---
3286 plastics	1	0	---	0	0	0	0	0	0
3293 explosives	1	---	---	0	0	0	0	0	0
3297 chemical additives	0	---	---	---	---	---	---	0	---
3299 chem. products nec	5	0	---	1	0	0	0	3	2
Total crude materials, inedible except fuels	39	1	0	8	1	3	3	21	2
Subtotal forest products, wood and chips	26	0	---	5	0	2	1	16	1
4150 fuel wood	0	---	---	0	---	---	0	0	---
4161 wood chips	0	---	---	---	---	---	---	0	---
4170 wood in the rough	2	0	---	0	0	0	0	0	1
4189 lumber	18	0	---	4	0	2	0	11	0
4190 forest products nec	6	---	---	1	0	0	0	4	0
Subtotal pulp and waste paper	0	---	---	---	---	---	---	---	0
4225 pulp & waste paper	0	---	---	---	---	---	---	---	0
Subtotal soil, sand, gravel, rock and stone	2	---	0	0	0	---	1	0	0
4331 sand & gravel	0	---	---	---	0	---	---	0	---
4338 soil & fill dirt	2	---	0	0	0	---	1	0	0
Subtotal iron ore and scrap	1	---	0	0	0	---	0	---	1
4420 iron & steel scrap	1	---	0	0	0	---	0	---	1
Subtotal non-ferrous ores and scrap	4	---	---	---	---	---	---	3	0
4630 copper ore	4	---	---	---	---	---	---	3	0
Subtotal other non-metal. min.	5	1	---	3	0	1	0	1	0
4900 non-metal. min. nec	5	1	---	3	0	1	0	1	0
Total primary manufactured goods	111	3	0	24	1	11	4	66	2
Subtotal paper products	8	1	0	3	0	1	1	3	1
5110 newsprint	1	---	---	0	---	0	---	0	0
5190 paper products nec	8	1	0	3	0	1	1	2	1
Subtotal lime, cement and glass	62	0	---	10	1	5	2	44	1
5210 lime	6	---	---	---	---	---	---	6	0
5220 cement & concrete	33	0	---	4	0	2	1	25	0
5240 glass & glass prod.	4	0	---	0	---	0	0	4	0
5290 misc. mineral prod.	19	0	---	5	0	3	0	10	0
Subtotal primary iron and steel products	1	0	0	1	---	0	0	1	0
5320 i&s primary forms	0	---	---	---	---	---	---	0	---
5360 i&s bars & shapes	0	---	---	0	---	0	0	0	---
5370 i&s pipe & tube	1	0	0	0	---	0	0	0	0
5390 primary i&s nec	0	---	---	0	---	0	---	0	---
Subtotal primary non-ferrous metal products	32	2	0	10	0	3	2	14	0
5421 copper	0	---	---	---	---	---	---	0	---
5480 fab. metal products	32	2	0	10	0	3	2	14	0
Subtotal primary wood products	6	0	---	1	0	1	0	4	0
5540 primary wood prod.	6	0	---	1	0	1	0	4	0
Total food and farm products	228	2	4	36	10	26	52	62	36
Subtotal fish	47	1	4	3	7	0	21	0	11
6134 fish (not shellfish)	46	1	4	3	7	0	20	0	11
6136 shellfish	2	---	---	0	0	---	1	---	0
Subtotal vegetable products	0	0	---	---	---	---	---	0	---
6654 vegetables & prod.	0	0	---	---	---	---	---	0	---
Subtotal processed grain and animal feed	0	---	---	---	0	0	0	0	---
6747 grain mill products	0	---	---	---	0	0	0	---	---
6782 animal feed, prep.	0	---	---	---	---	---	---	0	---

WRANGELL NARROWS, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Domestic							
		Coastwise		Internal					
		Through		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal other agricultural products	180	1	---	32	3	25	31	62	25
6811 meat, fresh, frozen	0	0	---	---	---	---	---	0	---
6835 fish, prepared	33	---	---	0	0	---	25	---	8
6838 tallow, animal oils	0	---	---	---	---	---	---	---	0
6858 fruit juices	0	0	---	---	---	---	---	0	---
6885 alcoholic beverages	30	0	---	2	0	0	1	13	14
6887 groceries	61	1	---	16	0	12	2	31	1
6888 water & ice	5	---	---	---	2	---	2	---	0
6889 food products nec	49	0	---	15	0	13	2	17	2
6891 tobacco & products	0	---	---	---	---	---	---	0	---
6899 farm products nec	0	---	---	0	---	0	---	0	---
Total all manufactured equipment, machinery and products	144	4	0	29	5	19	7	64	17
7110 machinery (not elec)	11	0	0	1	1	2	1	3	3
7120 electrical machinery	3	0	---	1	0	0	0	1	0
7210 vehicles & parts	14	0	0	2	1	1	1	6	2
7220 aircraft & parts	0	---	---	---	0	---	0	---	0
7230 ships & boats	2	0	0	1	0	0	0	0	0
7300 ordnance & access.	0	---	---	0	---	0	---	0	---
7400 manufac. wood prod.	15	0	0	6	0	3	0	5	0
7500 textile products	1	0	---	0	0	0	0	1	0
7600 rubber & plastic pr.	2	0	---	1	0	0	0	0	0
7900 manufac. prod. nec	95	3	0	17	3	11	4	47	11
Total waste and scrap nec	22	---	0	1	8	---	11	---	2
8900 waste and scrap nec	22	---	0	1	8	---	11	---	2
Ton-miles (x1000)	16,399	715	733	2,583	100	243	1,654	8,773	1,598
Tons All Traffic (x1000)			766						
Ton-miles All Traffic (x1000)			16,404						
Total Trip-ton-miles Internal and Intraport (x1000)			532,791						

PETERSBURG HARBOR, AK

Section Included: Eastern shore of Wrangell Narrows from the Rockyout-Cropping north of the town of Petersburg to and including Scow Bay. Controlling Depth: 24 feet in approaches to existing wharves; 11 feet and 15 feet depths in the small boat basin; 9 feet in Scow Bay alongside barge ramp. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	55	1997	61	2000	325	2003	286
1995	64	1998	62	2001	93		
1996	58	1999	55	2002	171		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Internal	
		Receipts	Shipments
Total, all commodities	286	146	140
Total coal	0	0	0
1100 coal lignite	0	0	0
Total petroleum and petroleum products	23	22	2
Subtotal petroleum products	23	22	2
2211 gasoline	8	7	0
2330 distillate fuel oil	11	11	0
2350 lube oil & greases	2	2	0
2429 naphtha & solvents	0	0	---
2430 asphalt, tar & pitch	1	0	0
2640 liquid natural gas	1	1	1
2990 petro. products nec	1	0	0
Total chemicals and related products	5	3	2
Subtotal fertilizers	2	1	1
3110 nitrogenous fert.	2	1	1
Subtotal other chemicals and related products	3	2	1
3220 alcohols	0	0	0
3260 organic comp. nec	0	0	0
3276 metallic salts	0	0	0
3282 pigments & paints	1	0	0
3286 plastics	0	0	0
3293 explosives	0	0	0
3299 chem. products nec	1	1	0

PETERSBURG HARBOR, AK
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Internal	
		Receipts	Shipments
Total crude materials, inedible except fuels	14	9	6
Subtotal forest products, wood and chips	9	5	4
4150 fuel wood	0	0	0
4170 wood in the rough	1	0	0
4189 lumber	7	4	3
4190 forest products nec	1	1	1
Subtotal soil, sand, gravel, rock and stone	1	0	1
4331 sand & gravel	0	0	—
4338 soil & fill dirt	1	0	1
Subtotal iron ore and scrap	1	0	0
4420 iron & steel scrap	1	0	0
Subtotal other non-metal. min.	3	3	1
4900 non-metal. min. nec	3	3	1
Total primary manufactured goods	40	25	15
Subtotal paper products	5	3	2
5110 newsprint	0	0	0
5190 paper products nec	4	3	2
Subtotal lime, cement and glass	17	10	7
5220 cement & concrete	8	4	3
5240 glass & glass prod.	0	0	0
5290 misc. mineral prod.	9	6	3
Subtotal primary iron and steel products	1	1	0
5360 i&s bars & shapes	0	0	0
5370 i&s pipe & tube	1	0	0
5390 primary i&s nec	0	0	0
Subtotal primary non-ferrous metal products	15	10	5
5480 fab. metal products	15	10	5
Subtotal primary wood products	2	1	1
5540 primary wood prod.	2	1	1
Total food and farm products	124	46	78
Subtotal fish	32	10	22
6134 fish (not shellfish)	31	10	21
6136 shellfish	1	0	1
Subtotal processed grain and animal feed	0	0	0
6747 grain mill products	0	0	0
Subtotal other agricultural products	92	36	56
6835 fish, prepared	26	1	25
6885 alcoholic beverages	3	2	1
6887 groceries	29	16	13
6888 water & ice	4	2	2
6889 food products nec	30	15	15
6899 farm products nec	0	0	0
Total all manufactured equipment, machinery and products	59	33	26
7110 machinery (not elec)	5	2	3
7120 electrical machinery	1	1	1
7210 vehicles & parts	6	3	3
7220 aircraft & parts	0	0	0
7230 ships & boats	2	1	0
7300 ordnance & access.	0	0	0
7400 manufac. wood prod.	10	6	3
7500 textile products	0	0	0
7600 rubber & plastic pr.	1	1	0
7900 manufac. prod. nec	34	19	15
Total waste and scrap nec	20	9	11
8900 waste and scrap nec	20	9	11

JUNEAU HARBOR, AK

Section Included: The northside of Gastineau Channel including Theaurora Basin small boat harbor. The city dock facility has a 200 foot sea plane and medium draft dock and a 500 foot commercial dock with a 40 foot depth. Three area small boat harbors accommodate 2,700 small boats and have water depths of 12 & 14 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	222	1997	583	2000	256	2003	567
1995	192	1998	320	2001	576		
1996	465	1999	527	2002	469		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Outbound	Inbound	Outbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
Total, all commodities	567	165	41	4	357	50	2	245	60
Total coal	0	---	---	---	0	---	---	0	---
1100 coal lignite	0	---	---	---	0	---	---	0	---
Total petroleum and petroleum products	122	---	7	---	115	39	1	66	9
Subtotal petroleum products	122	---	7	---	115	39	1	66	9
2211 gasoline	67	---	2	---	65	21	1	40	4
2330 distillate fuel oil	46	---	5	---	41	18	1	19	4
2350 lube oil & greases	2	---	---	---	2	0	0	1	1
2429 naphtha & solvents	0	---	---	---	0	---	0	0	0
2430 asphalt, tar & pitch	4	---	---	---	4	---	---	4	0
2640 liquid natural gas	2	---	---	---	2	---	---	2	0
2990 petro. products nec	1	---	---	---	1	---	---	0	1
Total chemicals and related products	10	---	---	---	10	3	0	6	1
Subtotal fertilizers	1	---	---	---	1	---	0	0	0
3110 nitrogenous fert.	1	---	---	---	1	---	0	0	0
3190 fert. & mixes nec	0	---	---	---	0	---	---	0	---
Subtotal other chemicals and related products	9	---	---	---	9	3	0	5	1
3220 alcohols	0	---	---	---	0	---	---	0	---
3276 metallic salts	4	---	---	---	4	2	---	2	0
3282 pigments & paints	1	---	---	---	1	0	---	1	0
3284 medicines	0	---	---	---	0	---	---	0	---
3285 perfumes & cleansers	0	---	---	---	0	---	---	0	---
3286 plastics	0	---	---	---	0	---	---	0	0
3293 explosives	2	---	---	---	2	1	---	1	0
3297 chemical additives	0	---	---	---	0	---	---	0	---
3299 chem. products nec	1	---	---	---	1	---	0	1	0
Total crude materials, inedible except fuels	225	165	34	4	22	1	0	19	2
Subtotal forest products, wood and chips	20	4	---	---	16	0	0	15	1
4150 fuel wood	0	---	---	---	0	---	---	0	---
4170 wood in the rough	5	4	---	---	1	---	---	0	0
4189 lumber	10	---	---	---	10	0	0	10	0
4190 forest products nec	5	---	---	---	5	---	---	4	0
Subtotal pulp and waste paper	0	---	---	---	0	---	---	---	0
4225 pulp & waste paper	0	---	---	---	0	---	---	---	0
Subtotal soil, sand, gravel, rock and stone	34	---	34	---	0	---	---	0	0
4331 sand & gravel	34	---	34	---	0	---	---	0	0
4338 soil & fill dirt	0	---	---	---	0	---	---	0	0
Subtotal iron ore and scrap	1	---	---	---	1	---	---	---	1
4420 iron & steel scrap	1	---	---	---	1	---	---	---	1
Subtotal non-ferrous ores and scrap	169	161	---	4	5	1	---	3	0
4630 copper ore	5	---	---	---	5	1	---	3	0
4690 non-ferrous ores nec	164	161	---	4	---	---	---	---	---
Subtotal other non-metal. min.	0	---	---	---	0	---	---	0	0
4900 non-metal. min. nec	0	---	---	---	0	---	---	0	0
Total primary manufactured goods	54	---	---	---	54	4	0	46	5
Subtotal paper products	3	---	---	---	3	0	0	2	1
5110 newsprint	0	---	---	---	0	---	---	0	0
5190 paper products nec	2	---	---	---	2	0	0	2	1
Subtotal lime, cement and glass	32	---	---	---	32	2	---	28	2
5210 lime	7	---	---	---	7	2	---	5	0
5220 cement & concrete	11	---	---	---	11	0	---	9	2
5240 glass & glass prod.	4	---	---	---	4	0	---	4	0
5290 misc. mineral prod.	10	---	---	---	10	---	---	10	0

JUNEAU HARBOR, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Outbound	Inbound	Outbound	Total	Coastwise		Internal	
						Receipts	Shipments	Inbound Upbound	Outbound Downbound
Subtotal primary iron and steel products	1	---	---	---	1	---	0	1	0
5320 i&s primary forms	0	---	---	---	0	---	---	0	---
5360 i&s bars & shapes	0	---	---	---	0	---	---	0	---
5370 i&s pipe & tube	0	---	---	---	0	---	0	0	0
5390 primary i&s nec	0	---	---	---	0	---	---	0	---
Subtotal primary non-ferrous metal products	15	---	---	---	15	1	0	12	1
5421 copper	0	---	---	---	0	---	---	0	---
5480 fab. metal products	15	---	---	---	15	1	0	12	1
Subtotal primary wood products	4	---	---	---	4	---	---	4	0
5540 primary wood prod.	4	---	---	---	4	---	---	4	0
Total food and farm products	76	---	0	---	76	0	0	52	24
Subtotal fish	5	---	0	---	5	---	---	1	4
6134 fish (not shellfish)	5	---	0	---	5	---	---	1	4
6136 shellfish	0	---	---	---	0	---	---	---	0
Subtotal processed grain and animal feed	0	---	---	---	0	---	---	0	0
6747 grain mill products	0	---	---	---	0	---	---	0	0
6782 animal feed, prep.	0	---	---	---	0	---	---	0	---
Subtotal other agricultural products	71	---	---	---	71	0	0	51	20
6835 fish, prepared	1	---	---	---	1	---	---	0	0
6838 tallow, animal oils	0	---	---	---	0	---	---	---	0
6885 alcoholic beverages	25	---	---	---	25	---	---	8	16
6887 groceries	29	---	---	---	29	---	0	28	1
6888 water & ice	0	---	---	---	0	---	---	0	0
6889 food products nec	16	---	---	---	16	0	---	14	2
6891 tobacco & products	0	---	---	---	0	0	---	0	---
6899 farm products nec	0	---	---	---	0	---	---	0	---
Total all manufactured equipment, machinery and products	79	---	---	---	79	4	1	57	18
7110 machinery (not elec)	6	---	---	---	6	0	0	3	3
7120 electrical machinery	2	---	---	---	2	---	---	1	0
7210 vehicles & parts	8	---	---	---	8	---	0	6	2
7230 ships & boats	1	---	---	---	1	---	0	0	0
7400 manufac. wood prod.	3	---	---	---	3	---	0	3	0
7500 textile products	1	---	---	---	1	0	0	1	0
7600 rubber & plastic pr.	1	---	---	---	1	0	0	0	0
7900 manufac. prod. nec	57	---	---	---	57	3	0	42	12
Total waste and scrap nec	0	---	---	---	0	---	---	0	0
8900 waste and scrap nec	0	---	---	---	0	---	---	0	0

VALDEZ HARBOR, AK

Section Included: Entire waterfront from Point of Land west of Ferry Terminal easterly to Alaska Hydrotrain Dock. Eastern part of Port Valdez from the Ferry Terminal on the north to the Trans-Alaska Pipeline Terminal on the south. Controlling Depth: 12 feet in the small basin. Project Depth: 12 feet, except 20 feet at Ferry Terminal, 50 feet off the City Dock, 75 feet off the Valdez Dock, and 0.0 at Sontag & Alaska Hydrotrain Facilities. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	85,096	1997	73,647	2000	48,081	2003	49,857
1995	80,955	1998	61,946	2001	50,977		
1996	77,116	1999	53,392	2002	50,513		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic		
		Outbound	Total	Coastwise	
				Receipts	Shipments
Total, all commodities	49,857	6	49,851	2	49,849
Total petroleum and petroleum products	49,851	---	49,851	2	49,849
Subtotal crude petroleum	49,527	---	49,527	---	49,527
2100 crude petroleum	49,527	---	49,527	---	49,527
Subtotal petroleum products	324	---	324	2	323
2211 gasoline	189	---	189	2	187

VALDEZ HARBOR, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Outbound		Total	Coastwise	
					Receipts	Shipments
2330 distillate fuel oil	70	—	—	70	—	70
2990 petro. products nec	66	—	—	66	—	66
Total food and farm products	6	6	6	—	—	—
Subtotal fish	1	1	1	—	—	—
6134 fish (not shellfish)	1	1	1	—	—	—
Subtotal other agricultural products	4	4	4	—	—	—
6835 fish, prepared	4	4	4	—	—	—

HOMER, AK

Section Included: The northside of Kachemak Bay including the entire Homer Spit and small boat harbor. The commercial dock facility provides 300 feet of dock space with water depth ranging from 20 to 40 feet. The 750 boat small boat harbor has a depth ranging from 20 feet to 15 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	377	1997	302	2000	557	2003	380
1995	501	1998	338	2001	524		
1996	397	1999	271	2002	275		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Outbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Internal Receipts
		Total, all commodities	380	134	152	50	45
Total petroleum and petroleum products	209	134	30	—	45	2	42
Subtotal crude petroleum	59	59	—	—	—	—	—
2100 crude petroleum	59	59	—	—	—	—	—
Subtotal petroleum products	150	75	30	—	45	2	42
2211 gasoline	29	—	—	—	29	2	26
2221 kerosene	105	75	30	—	—	—	—
2330 distillate fuel oil	16	—	—	—	16	0	16
Total crude materials, inedible except fuels	171	—	121	50	—	—	—
Subtotal forest products, wood and chips	171	—	121	50	—	—	—
4161 wood chips	110	—	110	—	—	—	—
4170 wood in the rough	35	—	11	24	—	—	—
4189 lumber	26	—	—	26	—	—	—
Total food and farm products	0	0	0	—	—	—	—
Subtotal fish	0	0	0	—	—	—	—
6134 fish (not shellfish)	0	0	0	—	—	—	—
Subtotal other agricultural products	0	—	0	—	—	—	—
6835 fish, prepared	0	—	0	—	—	—	—
Total all manufactured equipment, machinery and products	0	—	—	—	0	—	0
7110 machinery (not elec)	0	—	—	—	0	—	0
7210 vehicles & parts	0	—	—	—	0	—	0

ANCHORAGE, AK

Section Included: Knik Arm from the Municipal Terminal on the north to and including terminal facilities on Ship Creek. Controlling Depth: 35 feet off the face of the City Dock; the approach channel north of Fire Island, to Point Woronzof, 28.5 feet. Project Depth: 35 feet. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	2,559	1997	3,424	2000	3,157	2003	3,179
1995	3,222	1998	3,589	2001	2,861		
1996	3,401	1999	3,701	2002	2,983		

Freight Traffic, 2003 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total, all commodities	684	201	439	17	27
Total petroleum and petroleum products	458	53	391	14	—
Subtotal petroleum products	458	53	391	14	—
2211 gasoline	355	—	355	—	—
2221 kerosene	53	53	—	—	—

ANCHORAGE, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
2330 distillate fuel oil	14	—	—	14	—
2429 naphtha & solvents	20	—	20	—	—
2640 liquid natural gas	16	—	16	—	—
Total chemicals and related products	23	1	23	0	—
Subtotal fertilizers	23	—	23	—	—
3110 nitrogenous fert.	23	—	23	—	—
Subtotal other chemicals and related products	1	1	—	0	—
3220 alcohols	0	0	—	—	—
3276 metallic salts	0	—	—	0	—
3284 medicines	0	—	—	0	—
3286 plastics	1	1	—	—	—
Total crude materials, inedible except fuels	28	0	0	0	27
Subtotal forest products, wood and chips	27	—	0	0	27
4150 fuel wood	0	—	—	0	—
4170 wood in the rough	17	—	—	—	17
4189 lumber	10	—	0	0	10
Subtotal soil, sand, gravel, rock and stone	0	0	—	0	—
4310 building stone	0	0	—	—	—
4323 gypsum	0	—	—	0	—
Total primary manufactured goods	142	141	—	1	—
Subtotal paper products	3	2	—	1	—
5110 newsprint	1	—	—	1	—
5120 paper & paperboard	0	—	—	0	—
5190 paper products nec	2	2	—	0	—
Subtotal lime, cement and glass	133	133	—	0	—
5220 cement & concrete	133	133	—	—	—
5290 misc. mineral prod.	0	—	—	0	—
Subtotal primary iron and steel products	2	2	—	0	—
5330 i&s plates & sheets	0	—	—	0	—
5370 i&s pipe & tube	2	2	—	—	—
5390 primary i&s nec	0	—	—	0	—
Subtotal primary non-ferrous metal products	4	4	—	0	—
5480 fab. metal products	4	4	—	0	—
Total food and farm products	29	3	25	0	—
Subtotal fish	21	0	20	—	—
6134 fish (not shellfish)	20	—	20	—	—
6136 shellfish	0	0	0	—	—
Subtotal processed grain and animal feed	0	—	—	0	—
6781 hay & fodder	0	—	—	0	—
6782 animal feed, prep.	0	—	—	0	—
Subtotal other agricultural products	8	3	5	0	—
6811 meat, fresh, frozen	0	—	0	—	—
6835 fish, prepared	5	—	5	—	—
6839 animals & prod. nec	1	1	—	—	—
6888 water & ice	0	—	0	—	—
6889 food products nec	2	2	—	0	—
Total all manufactured equipment, machinery and products	4	3	0	1	—
7110 machinery (not elec)	3	3	0	—	—
7120 electrical machinery	0	—	—	0	—
7210 vehicles & parts	0	0	—	0	—
7230 ships & boats	0	0	—	—	—
7400 manufac. wood prod.	0	0	0	0	—
7500 textile products	0	0	—	0	—
7600 rubber & plastic pr.	0	0	—	0	—
7900 manufac. prod. nec	1	0	—	1	—
Total unknown or not elsewhere classified	0	0	0	0	—
9900 unknown or nec	0	0	0	0	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Shipments	Intraport
Total, all commodities	2,494	1,923	517	53	1
Total petroleum and petroleum products	668	284	331	53	1
Subtotal petroleum products	668	284	331	53	1
2211 gasoline	395	212	157	27	—
2330 distillate fuel oil	196	14	165	16	1
2350 lube oil & greases	15	15	0	—	—
2429 naphtha & solvents	9	—	—	9	—
2640 liquid natural gas	0	—	0	—	—
2990 petro. products nec	53	43	8	1	—

ANCHORAGE, AK
Freight Traffic, 2003 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Shipments	Intraport
Total chemicals and related products	20	17	3	---	---
Subtotal other chemicals and related products	20	17	3	---	---
3220 alcohols	1	1	0	---	---
3275 inorg. elem., oxides, & halogen salts	0	---	0	---	---
3282 pigments & paints	0	---	0	---	---
3286 plastics	0	0	0	---	---
3297 chemical additives	0	0	---	---	---
3299 chem. products nec	18	15	3	---	---
Total crude materials, inedible except fuels	105	94	10	---	---
Subtotal forest products, wood and chips	96	94	2	---	---
4170 wood in the rough	0	0	0	---	---
4189 lumber	94	92	2	---	---
4190 forest products nec	1	1	0	---	---
Subtotal soil, sand, gravel, rock and stone	0	0	---	---	---
4331 sand & gravel	0	0	---	---	---
Subtotal iron ore and scrap	9	---	9	---	---
4420 iron & steel scrap	9	---	9	---	---
Subtotal other non-metal. min.	0	0	0	---	---
4900 non-metal. min. nec	0	0	0	---	---
Total primary manufactured goods	166	155	11	---	---
Subtotal paper products	18	18	0	---	---
5190 paper products nec	18	18	0	---	---
Subtotal lime, cement and glass	71	69	2	---	---
5220 cement & concrete	1	1	0	---	---
5240 glass & glass prod.	3	3	0	---	---
5290 misc. mineral prod.	67	65	1	---	---
Subtotal primary iron and steel products	5	5	0	---	---
5360 i&s bars & shapes	1	1	0	---	---
5370 i&s pipe & tube	4	4	0	---	---
Subtotal primary non-ferrous metal products	60	51	9	---	---
5480 fab. metal products	60	51	9	---	---
Subtotal primary wood products	12	12	0	---	---
5540 primary wood prod.	12	12	0	---	---
Total food and farm products	376	354	22	---	---
Subtotal fish	11	---	11	---	---
6134 fish (not shellfish)	11	---	11	---	---
Subtotal vegetable products	0	---	0	---	---
6654 vegetables & prod.	0	---	0	---	---
Subtotal other agricultural products	364	354	11	---	---
6835 fish, prepared	8	---	8	---	---
6838 tallow, animal oils	0	---	0	---	---
6885 alcoholic beverages	0	---	0	---	---
6887 groceries	355	353	3	---	---
6889 food products nec	1	1	---	---	---
Total all manufactured equipment, machinery and products	1,143	1,008	135	---	---
7110 machinery (not elec)	9	7	2	---	---
7120 electrical machinery	0	---	0	---	---
7210 vehicles & parts	64	51	12	---	---
7230 ships & boats	0	0	0	---	---
7400 manufac. wood prod.	46	45	1	---	---
7600 rubber & plastic pr.	0	0	---	---	---
7900 manufac. prod. nec	1,024	905	119	---	---
Total unknown or not elsewhere classified	17	11	5	---	---
9900 unknown or nec	17	11	5	---	---

*Includes 23 tons of foreign inbound in-transits.

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR)

Section Included: Entire harbor. Controlling Depth: 25 feet in entrance channel at mean lower low water. Project Depth: 25 feet at mean lower low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1994	861	1997	1,275	2000	655	2003	1,113
1995	743	1998	895	2001	899		
1996	939	1999	793	2002	1,166		

Freight Traffic, 2003 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound*	Outbound*	Outbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	1,113	20	592	20	481	272	164	46
Total petroleum and petroleum products	330	11	—	—	320	233	41	45
Subtotal petroleum products	330	11	—	—	320	233	41	45
2211 gasoline	77	—	—	—	77	47	26	4
2330 distillate fuel oil	228	11	—	—	217	160	15	42
2640 liquid natural gas	0	—	—	—	0	—	0	—
2990 petro. products nec	26	—	—	—	26	26	0	—
Total chemicals and related products	10	1	10	—	0	0	0	—
Subtotal fertilizers	9	—	9	—	—	—	—	—
3120 phosphatic fert.	9	—	9	—	—	—	—	—
Subtotal other chemicals and related products	1	1	0	—	0	0	0	—
3211 acyclic hydrocarbons	0	—	—	—	0	—	0	—
3219 other hydrocarbons	0	—	—	—	0	—	0	—
3220 alcohols	1	1	—	—	—	—	—	—
3240 nitrogen func. comp.	0	0	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	—	0	—	0	—
3276 metallic salts	0	0	—	—	—	—	—	—
3284 medicines	0	—	0	—	—	—	—	—
3286 plastics	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—	—	—
3299 chem. products nec	0	—	—	—	0	0	—	—
Total crude materials, inedible except fuels	24	—	0	19	5	5	0	—
Subtotal forest products, wood and chips	19	—	—	19	0	—	0	—
4170 wood in the rough	19	—	—	19	0	—	0	—
Subtotal pulp and waste paper	0	—	—	—	0	—	0	—
4225 pulp & waste paper	0	—	—	—	0	—	0	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—	—	—	—	—
4331 sand & gravel	0	—	0	—	—	—	—	—
Subtotal iron ore and scrap	0	—	—	—	0	—	0	—
4420 iron & steel scrap	0	—	—	—	0	—	0	—
Subtotal other non-metal. min.	5	—	—	—	5	5	0	—
4900 non-metal. min. nec	5	—	—	—	5	5	0	—
Total primary manufactured goods	11	2	—	—	9	8	1	0
Subtotal paper products	6	2	—	—	5	4	0	0
5120 paper & paperboard	0	0	—	—	—	—	—	—
5190 paper products nec	6	2	—	—	5	4	0	0
Subtotal lime, cement and glass	0	—	—	—	0	0	—	—
5290 misc. mineral prod.	0	—	—	—	0	0	—	—
Subtotal primary non-ferrous metal products	5	0	—	—	5	4	1	0
5480 fab. metal products	5	0	—	—	5	4	1	0
Total food and farm products	633	4	578	1	49	5	45	—
Subtotal fish	446	1	395	1	49	4	45	—
6134 fish (not shellfish)	439	0	390	1	48	4	44	—
6136 shellfish	7	1	5	—	1	—	1	—
Subtotal vegetable products	0	—	—	—	0	0	—	—
6654 vegetables & prod.	0	—	—	—	0	0	—	—
Subtotal processed grain and animal feed	43	—	43	—	—	—	—	—
6782 animal feed, prep.	43	—	43	—	—	—	—	—
Subtotal other agricultural products	143	3	139	—	0	0	—	—
6811 meat, fresh, frozen	0	—	0	—	0	0	—	—
6835 fish, prepared	131	2	128	—	0	0	—	—
6838 tallow, animal oils	10	—	10	—	0	0	—	—
6839 animals & prod. nec	0	0	0	—	—	—	—	—
6858 fruit juices	0	—	—	—	0	0	—	—
6889 food products nec	1	—	1	—	—	—	—	—
Total all manufactured equipment, machinery and products	101	3	0	—	98	21	77	0
7110 machinery (not elec)	2	2	0	—	0	0	0	—
7120 electrical machinery	0	0	0	—	0	0	0	—
7210 vehicles & parts	0	0	0	—	0	0	0	—
7230 ships & boats	0	0	—	—	—	—	—	—

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR)
 Freight Traffic, 2003 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Outbound	Domestic			Internal Intransport
		Inbound*	Outbound*		Total	Coastwise		
				Receipts		Shipments		
7500 textile products	0	0	0	—	0	—	0	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—	—
7900 manufac. prod. nec	98	0	0	—	98	21	77	0
Total unknown or not elsewhere classified	4	1	3	—	—	—	—	—
9900 unknown or nec	4	1	3	—	—	—	—	—

*Includes 5 tons of foreign inbound in-transits; Includes 39 tons of foreign outbound in-transits.

Other Harbors and Waterways 2003

Harbor or Waterway Project	Commodity	Thousand Short Tons	
BETHEL HARBOR, AK	2211 gasoline	37	
	2330 distillate fuel oil	7	
	2340 residual fuel oil	0	
	2350 lube oil & greases	0	
	2430 asphalt, tar & pitch	0	
	2640 liquid natural gas	0	
	2990 petro. products nec	0	
	3190 fert. & mixes nec	0	
	3220 alcohols	0	
	3286 plastics	0	
	4170 wood in the rough	0	
	4189 lumber	4	
	4190 forest products nec	0	
	4331 sand & gravel	175	
	4420 iron & steel scrap	0	
	5190 paper products nec	0	
	5220 cement & concrete	0	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	4	
	5330 i&s plates & sheets	0	
	5360 i&s bars & shapes	1	
	5370 i&s pipe & tube	1	
	5390 primary i&s nec	0	
	5421 copper	0	
	5480 fab. metal products	2	
	5540 primary wood prod.	1	
	6134 fish (not shellfish)	0	
	6885 alcoholic beverages	0	
	6887 groceries	1	
	6889 food products nec	0	
	6899 farm products nec	0	
	7110 machinery (not elec)	10	
	7120 electrical machinery	0	
	7210 vehicles & parts	1	
	7230 ships & boats	0	
	7400 manufac. wood prod.	2	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	1	
		Total Tons(x1000)	246
	CORDOVA HARBOR, AK	2100 crude petroleum	0
		2211 gasoline	6
		2330 distillate fuel oil	8
		2430 asphalt, tar & pitch	0
		2640 liquid natural gas	0
		3110 nitrogenous fert.	0
3282 pigments & paints		0	
3286 plastics		0	
3299 chem. products nec		0	
4189 lumber		0	
4331 sand & gravel		3	
4420 iron & steel scrap		0	
4900 non-metal. min. nec		0	
5190 paper products nec		0	
5220 cement & concrete		0	
5290 misc. mineral prod.		0	
5360 i&s bars & shapes		0	
5370 i&s pipe & tube		0	
5480 fab. metal products		1	
5540 primary wood prod.		0	
6134 fish (not shellfish)		7	
6835 fish, prepared		1	
6887 groceries		0	
7110 machinery (not elec)		0	
7120 electrical machinery		0	
7210 vehicles & parts		0	
7230 ships & boats	0		
7400 manufac. wood prod.	1		
7600 rubber & plastic pr.	0		
7900 manufac. prod. nec	6		
9900 unknown or nec	0		
	Total Tons(x1000)	34	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
CRAIG HARBOR, AK	2211 gasoline	6
	2330 distillate fuel oil	4
	5480 fab. metal products	0
	Total Tons(x1000)	10
DILLINGHAM HARBOR, AK	2211 gasoline	20
	2330 distillate fuel oil	8
	2340 residual fuel oil	0
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3282 pigments & paints	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	4
	6858 fruit juices	0
	6885 alcoholic beverages	1
	6887 groceries	1
	7110 machinery (not elec)	7
	7120 electrical machinery	0
	7210 vehicles & parts	0
7230 ships & boats	0	
7400 manufac. wood prod.	1	
7500 textile products	0	
7900 manufac. prod. nec	1	
Total Tons(x1000)	48	
DOUGLAS HARBOR, AK	2211 gasoline	2
	2330 distillate fuel oil	3
	Total Tons(x1000)	5
DRY PASS, AK	No Commerce Reported	
EGEGIK RIVER, AK	2211 gasoline	0
	2330 distillate fuel oil	1
	2640 liquid natural gas	0
	3286 plastics	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5240 glass & glass prod.	0
	5480 fab. metal products	1
	6134 fish (not shellfish)	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	2
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6887 groceries	0
6889 food products nec	0	
7110 machinery (not elec)	0	
7210 vehicles & parts	0	
7230 ships & boats	0	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
EGEGIK RIVER, AK - continued	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	4
ELFIN COVE HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	Total Tons(x1000)	1
GASTINEAU CHANNEL, AK	No Commerce Reported	
HOONAH HARBOR, AK	2211 gasoline	5
	2330 distillate fuel oil	6
	2350 lube oil & greases	0
	2430 asphalt, tar & pitch	0
	3110 nitrogenous fert.	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4420 iron & steel scrap	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	1
	6835 fish, prepared	0
	6887 groceries	0
	6899 farm products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
Total Tons(x1000)	16	
HUMBOLDT HARBOR, AK	2211 gasoline	2
	2330 distillate fuel oil	11
	4331 sand & gravel	3
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5480 fab. metal products	2
	6134 fish (not shellfish)	9
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6858 fruit juices	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	27
KAKE HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	2
	2350 lube oil & greases	0
	2640 liquid natural gas	0
	3110 nitrogenous fert.	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3293 explosives	0

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KAKE HARBOR, AK - continued	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5390 primary i&s nec	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6136 shellfish	0
	6747 grain mill products	0
	6835 fish, prepared	0
	6885 alcoholic beverages	0
	6887 groceries	1
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
7900 manufac. prod. nec	1	
Total Tons(x1000)		9
KING COVE LAGOON, AK	2211 gasoline	1
	2330 distillate fuel oil	7
	2990 petro. products nec	3
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5480 fab. metal products	1
	6134 fish (not shellfish)	5
	6136 shellfish	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6858 fruit juices	0
7900 manufac. prod. nec	1	
Total Tons(x1000)		20
KODIAK HARBOR, AK	2211 gasoline	31
	2330 distillate fuel oil	50
	3299 chem. products nec	0
	4189 lumber	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5480 fab. metal products	1
	6134 fish (not shellfish)	1
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	1
	6858 fruit juices	0
	7210 vehicles & parts	0
	7900 manufac. prod. nec	62
	9900 unknown or nec	0
Total Tons(x1000)		147
METLAKATLA HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	1
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3282 pigments & paints	0
	3286 plastics	0
	3299 chem. products nec	1
	4170 wood in the rough	0
	4189 lumber	0

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
METLAKATLA HARBOR, AK - continued	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	1
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6835 fish, prepared	0
	6887 groceries	1
	6889 food products nec	1
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
7600 rubber & plastic pr.	0	
7900 manufac. prod. nec	1	
	Total Tons(x1000)	13
NAKNEK RIVER, AK	2211 gasoline	11
	2330 distillate fuel oil	14
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3220 alcohols	0
	4170 wood in the rough	0
	4189 lumber	1
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	3
	5540 primary wood prod.	0
	6134 fish (not shellfish)	4
	6136 shellfish	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	8
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6887 groceries	0
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
7210 vehicles & parts	0	
7230 ships & boats	0	
7400 manufac. wood prod.	0	
7900 manufac. prod. nec	2	
	Total Tons(x1000)	47
	Total Ton-miles(x1000)	118
	Total Trip-ton-miles Internal and Intraport (x1000)	1,084
NINILCHIK HARBOR, AK	No Commerce Reported	
NOME, AK	2211 gasoline	24
	2330 distillate fuel oil	9
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3220 alcohols	0
	3286 plastics	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4331 sand & gravel	2

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
NOME, AK - continued	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6885 alcoholic beverages	0
	6887 groceries	0
	7110 machinery (not elec)	1
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7600 rubber & plastic pr.	0
7900 manufac. prod. nec	1	
Total Tons(x1000)	43	
OLD HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6858 fruit juices	0
	7900 manufac. prod. nec	0
Total Tons(x1000)	1	
PELICAN HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	1
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	0
	6858 fruit juices	0
	7900 manufac. prod. nec	0
Total Tons(x1000)	2	
PORT ALEXANDER, AK	No Commerce Reported	
ROCKY PASS IN KEKU STRAIT, AK	6134 fish (not shellfish)	0
	Total Tons(x1000)	0
SELDOVIA HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	0
	Total Tons(x1000)	1
SERGIUS AND WHITESTONE NARROWS, AK	2211 gasoline	17
	2330 distillate fuel oil	18
	2350 lube oil & greases	0
	2430 asphalt, tar & pitch	0
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3260 organic comp. nec	0
	3276 metallic salts	0

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
SERGIUS AND WHITESTONE NARROWS, AK - continued	3282 pigments & paints	0	
	3286 plastics	0	
	3293 explosives	0	
	3299 chem. products nec	0	
	4170 wood in the rough	0	
	4189 lumber	2	
	4190 forest products nec	0	
	4338 soil & fill dirt	0	
	4420 iron & steel scrap	0	
	4900 non-metal. min. nec	0	
	5110 newsprint	0	
	5190 paper products nec	1	
	5220 cement & concrete	3	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	3	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	4	
	5540 primary wood prod.	1	
	6134 fish (not shellfish)	12	
	6136 shellfish	0	
	6835 fish, prepared	5	
	6885 alcoholic beverages	0	
	6887 groceries	11	
	6888 water & ice	3	
	6889 food products nec	14	
	6899 farm products nec	0	
	7110 machinery (not elec)	2	
	7120 electrical machinery	1	
	7210 vehicles & parts	2	
	7220 aircraft & parts	0	
	7230 ships & boats	0	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	4	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	14	
	8900 waste and scrap nec	9	
		Total Tons(x1000)	131
		Total Ton-miles(x1000)	3,141
		Total Trip-ton-miles Internal and Intraport (x1000)	29,957
	SEWARD HARBOR, AK	1100 coal lignite	188
		3299 chem. products nec	0
		4189 lumber	6
		5110 newsprint	1
5290 misc. mineral prod.		5	
5480 fab. metal products		0	
5540 primary wood prod.		1	
6134 fish (not shellfish)		0	
6781 hay & fodder		0	
6888 water & ice		0	
7110 machinery (not elec)		0	
7210 vehicles & parts		0	
7230 ships & boats		0	
7400 manufac. wood prod.		1	
7900 manufac. prod. nec		0	
9900 unknown or nec		0	
	Total Tons(x1000)	203	
SITKA HARBOR, AK	2211 gasoline	14	
	2330 distillate fuel oil	17	
	2350 lube oil & greases	0	
	2430 asphalt, tar & pitch	0	
	2640 liquid natural gas	0	
	2990 petro. products nec	0	
	3110 nitrogenous fert.	1	
	3220 alcohols	0	
	3260 organic comp. nec	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3293 explosives	0	
	3299 chem. products nec	0	
4161 wood chips	0		

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
SITKA HARBOR, AK - continued	4170 wood in the rough	0	
	4189 lumber	2	
	4190 forest products nec	0	
	4331 sand & gravel	14	
	4338 soil & fill dirt	0	
	4420 iron & steel scrap	0	
	4900 non-metal. min. nec	0	
	5110 newsprint	0	
	5190 paper products nec	1	
	5220 cement & concrete	2	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	3	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	3	
	5540 primary wood prod.	1	
	6134 fish (not shellfish)	11	
	6136 shellfish	0	
	6835 fish, prepared	1	
	6885 alcoholic beverages	0	
	6887 groceries	11	
	6888 water & ice	3	
	6889 food products nec	14	
	6899 farm products nec	0	
	7110 machinery (not elec)	1	
	7120 electrical machinery	1	
	7210 vehicles & parts	2	
	7220 aircraft & parts	0	
	7230 ships & boats	0	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	4	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	14	
	8900 waste and scrap nec	9	
		Total Tons(x1000)	133
	SKAGWAY HARBOR, AK	2211 gasoline	22
		2221 kerosene	5
		2330 distillate fuel oil	50
		2350 lube oil & greases	0
		2640 liquid natural gas	0
		3110 nitrogenous fert.	0
3276 metallic salts		2	
3282 pigments & paints		0	
3286 plastics		0	
3299 chem. products nec		2	
4161 wood chips		0	
4170 wood in the rough		0	
4189 lumber		1	
4420 iron & steel scrap		0	
5190 paper products nec		0	
5210 lime		1	
5220 cement & concrete		1	
5240 glass & glass prod.		0	
5290 misc. mineral prod.		0	
5370 i&s pipe & tube		0	
5480 fab. metal products		1	
5540 primary wood prod.		0	
6134 fish (not shellfish)		0	
6811 meat, fresh, frozen		0	
6885 alcoholic beverages		7	
6887 groceries		1	
6889 food products nec		3	
7110 machinery (not elec)		1	
7120 electrical machinery		0	
7210 vehicles & parts		0	
7230 ships & boats		0	
7400 manufac. wood prod.		1	
7500 textile products		0	
7600 rubber & plastic pr.	0		
7900 manufac. prod. nec	2		
8900 waste and scrap nec	0		
	Total Tons(x1000)	99	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
STIKINE RIVER, AK	No Commerce Reported	
WRANGELL HARBOR, AK	1100 coal lignite	0
	2211 gasoline	3
	2330 distillate fuel oil	4
	2350 lube oil & greases	0
	2430 asphalt, tar & pitch	0
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3220 alcohols	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	6
	4189 lumber	0
	4190 forest products nec	0
	4338 soil & fill dirt	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6136 shellfish	0
	6835 fish, prepared	0
	6885 alcoholic beverages	1
	6887 groceries	2
	6889 food products nec	1
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	5
	8900 waste and scrap nec	1
	Total Tons(x1000)	33
Non-project		
CHATHAM STRAIT, AK	2100 crude petroleum	0
	2211 gasoline	33
	2330 distillate fuel oil	52
	2350 lube oil & greases	2
	2430 asphalt, tar & pitch	1
	2640 liquid natural gas	2
	2990 petro. products nec	2
	3110 nitrogenous fert.	1
	3220 alcohols	1
	3260 organic comp. nec	0
	3276 metallic salts	2
	3282 pigments & paints	0
	3286 plastics	4
	3293 explosives	2
	3299 chem. products nec	2
	4150 fuel wood	1
	4170 wood in the rough	5
	4189 lumber	22
	4190 forest products nec	2
	4225 pulp & waste paper	0
	4331 sand & gravel	34
	4338 soil & fill dirt	2
	4420 iron & steel scrap	1
	4630 copper ore	1

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons	
CHATHAM STRAIT, AK - continued	4690 non-ferrous ores nec	164	
	4900 non-metal. min. nec	4	
	5110 newsprint	0	
	5190 paper products nec	6	
	5210 lime	3	
	5220 cement & concrete	27	
	5240 glass & glass prod.	2	
	5290 misc. mineral prod.	20	
	5360 i&s bars & shapes	2	
	5370 i&s pipe & tube	4	
	5480 fab. metal products	24	
	5540 primary wood prod.	9	
	6134 fish (not shellfish)	45	
	6136 shellfish	1	
	6654 vegetables & prod.	0	
	6747 grain mill products	0	
	6782 animal feed, prep.	0	
	6811 meat, fresh, frozen	0	
	6835 fish, prepared	20	
	6858 fruit juices	0	
	6885 alcoholic beverages	3	
	6887 groceries	16	
	6888 water & ice	3	
	6889 food products nec	16	
	6891 tobacco & products	0	
	6899 farm products nec	0	
	7110 machinery (not elec)	8	
	7120 electrical machinery	1	
	7210 vehicles & parts	7	
	7220 aircraft & parts	0	
	7230 ships & boats	1	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	11	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	65	
	8900 waste and scrap nec	10	
		Total Tons(x1000)	648
		Total Ton-miles(x1000)	49,163
		Total Trip-ton-miles Internal and Intraport (x1000)	99,726
	CLARENCE STRAIT, AK	1100 coal lignite	0
2100 crude petroleum		0	
2211 gasoline		94	
2330 distillate fuel oil		118	
2350 lube oil & greases		5	
2429 naphtha & solvents		0	
2430 asphalt, tar & pitch		6	
2640 liquid natural gas		6	
2990 petro. products nec		3	
3110 nitrogenous fert.		2	
3190 fert. & mixes nec		0	
3220 alcohols		1	
3260 organic comp. nec		0	
3276 metallic salts		4	
3282 pigments & paints		2	
3284 medicines		0	
3285 perfumes & cleansers		0	
3286 plastics		5	
3293 explosives		1	
3297 chemical additives		0	
3299 chem. products nec		5	
4150 fuel wood		1	
4161 wood chips		0	
4170 wood in the rough		29	
4189 lumber		40	
4190 forest products nec		7	
4225 pulp & waste paper		0	
4331 sand & gravel		0	
4338 soil & fill dirt		2	
4420 iron & steel scrap		2	
4630 copper ore		4	
4900 non-metal. min. nec		7	
5110 newsprint		0	
5190 paper products nec	10		
5210 lime	6		
5220 cement & concrete	38		
5240 glass & glass prod.	6		

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons	
CLARENCE STRAIT, AK - continued	5290 misc. mineral prod.	34	
	5320 i&s primary forms	0	
	5360 i&s bars & shapes	2	
	5370 i&s pipe & tube	6	
	5390 primary i&s nec	0	
	5421 copper	0	
	5480 fab. metal products	43	
	5540 primary wood prod.	14	
	6134 fish (not shellfish)	63	
	6136 shellfish	3	
	6654 vegetables & prod.	0	
	6747 grain mill products	1	
	6782 animal feed, prep.	0	
	6811 meat, fresh, frozen	0	
	6835 fish, prepared	47	
	6838 tallow, animal oils	0	
	6858 fruit juices	0	
	6885 alcoholic beverages	33	
	6887 groceries	57	
	6888 water & ice	3	
	6889 food products nec	38	
	6891 tobacco & products	0	
	6899 farm products nec	0	
	7110 machinery (not elec)	16	
	7120 electrical machinery	3	
	7210 vehicles & parts	17	
	7220 aircraft & parts	0	
	7230 ships & boats	3	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	19	
	7500 textile products	1	
	7600 rubber & plastic pr.	2	
	7900 manufac. prod. nec	125	
	8900 waste and scrap nec	14	
		Total Tons(x1000)	950
		Total Ton-miles(x1000)	67,230
		Total Trip-ton-miles Internal and Intraport (x1000)	551,191
	FREDERICK SOUND, AK	1100 coal lignite	0
		2211 gasoline	86
		2330 distillate fuel oil	90
		2350 lube oil & greases	4
2429 naphtha & solvents		0	
2430 asphalt, tar & pitch		4	
2640 liquid natural gas		3	
2990 petro. products nec		1	
3110 nitrogenous fert.		2	
3190 fert. & mixes nec		0	
3220 alcohols		1	
3260 organic comp. nec		0	
3276 metallic salts		6	
3282 pigments & paints		1	
3284 medicines		0	
3285 perfumes & cleansers		0	
3286 plastics		0	
3293 explosives		1	
3297 chemical additives		0	
3299 chem. products nec		5	
4150 fuel wood		0	
4161 wood chips		0	
4170 wood in the rough		6	
4189 lumber		13	
4190 forest products nec		5	
4225 pulp & waste paper		0	
4331 sand & gravel		34	
4338 soil & fill dirt		1	
4420 iron & steel scrap		1	
4630 copper ore		5	
4690 non-ferrous ores nec		164	
4900 non-metal. min. nec		3	
5110 newsprint		0	
5190 paper products nec		5	
5210 lime		8	
5220 cement & concrete		28	
5240 glass & glass prod.	4		
5290 misc. mineral prod.	14		
5320 i&s primary forms	0		
5360 i&s bars & shapes	0		

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
FREDERICK SOUND, AK - continued	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	22
	5540 primary wood prod.	5
	6134 fish (not shellfish)	24
	6136 shellfish	0
	6654 vegetables & prod.	0
	6747 grain mill products	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	8
	6838 tallow, animal oils	0
	6858 fruit juices	0
	6885 alcoholic beverages	28
	6887 groceries	44
	6888 water & ice	3
	6889 food products nec	32
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	10
	7120 electrical machinery	2
	7210 vehicles & parts	11
	7220 aircraft & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	9
	7500 textile products	1
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	78
	8900 waste and scrap nec	10
	Total Tons(x1000)	787
	Total Ton-miles(x1000)	39,614
	Total Trip-ton-miles Internal and Intraport (x1000)	390,781
ICY STRAIT, AK	2100 crude petroleum	0
	2211 gasoline	72
	2221 kerosene	5
	2330 distillate fuel oil	79
	2350 lube oil & greases	1
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	0
	2640 liquid natural gas	2
	2990 petro. products nec	2
	3110 nitrogenous fert.	0
	3220 alcohols	1
	3282 pigments & paints	0
	3286 plastics	4
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	1
	4170 wood in the rough	39
	4189 lumber	20
	4190 forest products nec	2
	4225 pulp & waste paper	0
	4331 sand & gravel	0
	4338 soil & fill dirt	1
	4420 iron & steel scrap	1
	4900 non-metal. min. nec	4
	5190 paper products nec	5
	5220 cement & concrete	8
	5240 glass & glass prod.	1
	5290 misc. mineral prod.	17
	5360 i&s bars & shapes	2
	5370 i&s pipe & tube	4
	5421 copper	0
	5480 fab. metal products	20
	5540 primary wood prod.	8
	6134 fish (not shellfish)	35
	6136 shellfish	1
	6654 vegetables & prod.	0
	6747 grain mill products	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	21
	6858 fruit juices	0
	6885 alcoholic beverages	2
	6887 groceries	6

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
ICY STRAIT, AK - continued	6888 water & ice	1
	6889 food products nec	2
	6899 farm products nec	0
	7110 machinery (not elec)	7
	7120 electrical machinery	0
	7210 vehicles & parts	5
	7230 ships & boats	1
	7400 manufac. wood prod.	8
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	45
	8900 waste and scrap nec	1
	Total Tons(x1000)	439
Total Ton-miles(x1000)	22,659	
Total Trip-ton-miles Internal and Intraport (x1000)	20,448	
KIVILINA, AK	2211 gasoline	28
	2330 distillate fuel oil	20
	4189 lumber	0
	4690 non-ferrous ores nec	1,358
	5429 smelted prod. nec	1,457
	7210 vehicles & parts	0
	7900 manufac. prod. nec	1
Total Tons(x1000)	2,864	
LYNN CANAL, AK	2211 gasoline	89
	2221 kerosene	5
	2330 distillate fuel oil	99
	2350 lube oil & greases	3
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	0
	2640 liquid natural gas	0
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3260 organic comp. nec	0
	3276 metallic salts	2
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	1
	3299 chem. products nec	3
	4161 wood chips	0
	4170 wood in the rough	38
	4189 lumber	1
	4338 soil & fill dirt	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5210 lime	1
	5220 cement & concrete	18
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5421 copper	0
	5480 fab. metal products	3
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6136 shellfish	0
	6747 grain mill products	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	2
	6885 alcoholic beverages	8
	6887 groceries	5
	6888 water & ice	0
	6889 food products nec	3
	6899 farm products nec	0
	7110 machinery (not elec)	4
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7300 ordnance & access.	0
	7400 manufac. wood prod.	2
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	10
	8900 waste and scrap nec	1
	Total Tons(x1000)	307
	Total Ton-miles(x1000)	14,296
	Total Trip-ton-miles Internal and Intraport (x1000)	94,603

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
NIKISHKA, AK	2100 crude petroleum 2211 gasoline 2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2640 liquid natural gas 2990 petro. products nec 3110 nitrogenous fert. 3212 benzene & toluene 3273 ammonia 4225 pulp & waste paper 5120 paper & paperboard 5360 i&s bars & shapes 7110 machinery (not elec)	2,284 227 46 439 210 167 9 1,453 252 844 5 477 1 5 0 0
	Total Tons(x1000)	6,420
REVILLAGIGADO CHANNEL, AK	1100 coal lignite 2211 gasoline 2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2430 asphalt, tar & pitch 2640 liquid natural gas 2990 petro. products nec 3110 nitrogenous fert. 3190 fert. & mixes nec 3220 alcohols 3260 organic comp. nec 3276 metallic salts 3282 pigments & paints 3284 medicines 3285 perfumes & cleansers 3286 plastics 3293 explosives 3297 chemical additives 3299 chem. products nec 4150 fuel wood 4161 wood chips 4170 wood in the rough 4189 lumber 4190 forest products nec 4225 pulp & waste paper 4331 sand & gravel 4338 soil & fill dirt 4420 iron & steel scrap 4630 copper ore 4860 slag 4900 non-metal. min. nec 5110 newsprint 5120 paper & paperboard 5190 paper products nec 5210 lime 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5320 i&s primary forms 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec 5421 copper 5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6136 shellfish 6590 oilseeds nec 6654 vegetables & prod. 6747 grain mill products 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices	0 112 4 134 0 5 1 11 9 6 2 0 2 0 4 0 0 2 0 1 2 0 11 1 0 138 55 9 0 43 5 4 4 3 9 1 0 13 6 41 6 37 0 2 6 0 0 1 0 55 0 0

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
REVILLAGIGADO CHANNEL, AK - continued	6885 alcoholic beverages	36
	6887 groceries	71
	6888 water & ice	3
	6889 food products nec	46
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	20
	7120 electrical machinery	3
	7210 vehicles & parts	22
	7220 aircraft & parts	0
	7230 ships & boats	4
	7300 ordnance & access.	0
	7400 manufac. wood prod.	18
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	132
	8900 waste and scrap nec	25
9900 unknown or nec	0	
	Total Tons(x1000)	1,298
	Total Ton-miles(x1000)	58,072
	Total Trip-ton-miles Internal and Intraport (x1000)	725,104
STEPHENS PASSAGE, AK	1100 coal lignite	0
	2211 gasoline	96
	2330 distillate fuel oil	75
	2350 lube oil & greases	4
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	4
	2640 liquid natural gas	2
	2990 petro. products nec	1
	3110 nitrogenous fert.	1
	3190 fert. & mixes nec	0
	3220 alcohols	0
	3260 organic comp. nec	0
	3276 metallic salts	6
	3282 pigments & paints	1
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	5
	4150 fuel wood	0
	4161 wood chips	0
	4170 wood in the rough	5
	4189 lumber	12
	4190 forest products nec	5
	4225 pulp & waste paper	0
	4331 sand & gravel	34
	4338 soil & fill dirt	0
	4420 iron & steel scrap	1
	4630 copper ore	5
	4690 non-ferrous ores nec	164
	4900 non-metal. min. nec	1
	5110 newsprint	0
	5190 paper products nec	3
	5210 lime	8
	5220 cement & concrete	27
	5240 glass & glass prod.	4
	5290 misc. mineral prod.	10
	5320 i&s primary forms	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	17
	5540 primary wood prod.	4
	6134 fish (not shellfish)	6
	6136 shellfish	0
6747 grain mill products	0	
6782 animal feed, prep.	0	
6835 fish, prepared	3	
6838 tallow, animal oils	0	
6885 alcoholic beverages	30	
6887 groceries	33	
6888 water & ice	0	
6889 food products nec	19	
6891 tobacco & products	0	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
STEPHENS PASSAGE, AK - continued	6899 farm products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7300 ordnance & access. 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 8900 waste and scrap nec	0 9 2 9 1 0 6 1 1 64 1
	Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport (x1000)	683 45,110 338,644
SUMNER STRAIT, AK	1100 coal lignite 2100 crude petroleum 2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2430 asphalt, tar & pitch 2640 liquid natural gas 2990 petro. products nec 3110 nitrogenous fert. 3190 fert. & mixes nec 3220 alcohols 3260 organic comp. nec 3276 metallic salts 3282 pigments & paints 3284 medicines 3285 perfumes & cleansers 3286 plastics 3293 explosives 3297 chemical additives 3299 chem. products nec 4150 fuel wood 4161 wood chips 4170 wood in the rough 4189 lumber 4190 forest products nec 4225 pulp & waste paper 4331 sand & gravel 4338 soil & fill dirt 4420 iron & steel scrap 4630 copper ore 4900 non-metal. min. nec 5110 newsprint 5190 paper products nec 5210 lime 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5320 i&s primary forms 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec 5421 copper 5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6136 shellfish 6654 vegetables & prod. 6747 grain mill products 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices 6885 alcoholic beverages 6887 groceries 6888 water & ice 6889 food products nec 6891 tobacco & products 6899 farm products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts	0 0 96 99 5 0 5 5 3 2 0 1 0 4 1 0 0 5 1 0 5 1 0 2 36 7 0 0 2 2 4 7 0 6 38 6 33 0 2 5 0 0 47 0 0 32 54 3 38 0 0 14 3 17

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
SUMNER STRAIT, AK - continued	7220 aircraft & parts	0
	7230 ships & boats	3
	7300 ordnance & access.	0
	7400 manufac. wood prod.	19
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	122
	8900 waste and scrap nec	16
	Total Tons(x1000)	893
	Total Ton-miles(x1000)	24,314
Total Trip-ton-miles Internal and Intraport (x1000)	517,178	
TONGASS NARROWS, AK	1100 coal lignite	0
	2211 gasoline	157
	2221 kerosene	4
	2330 distillate fuel oil	206
	2350 lube oil & greases	5
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	12
	2640 liquid natural gas	9
	2990 petro. products nec	6
	3110 nitrogenous fert.	2
	3190 fert. & mixes nec	0
	3220 alcohols	2
	3260 organic comp. nec	0
	3276 metallic salts	4
	3282 pigments & paints	2
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	1
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	10
	4150 fuel wood	1
	4161 wood chips	0
	4170 wood in the rough	139
	4189 lumber	55
	4190 forest products nec	9
	4225 pulp & waste paper	0
	4331 sand & gravel	44
	4338 soil & fill dirt	5
	4420 iron & steel scrap	4
	4630 copper ore	4
	4860 slag	3
	4900 non-metal. min. nec	8
	5110 newsprint	1
	5120 paper & paperboard	0
	5190 paper products nec	13
	5210 lime	6
	5220 cement & concrete	41
	5240 glass & glass prod.	6
	5290 misc. mineral prod.	37
	5320 i&s primary forms	0
	5360 i&s bars & shapes	2
	5370 i&s pipe & tube	6
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	52
	5540 primary wood prod.	11
	6134 fish (not shellfish)	98
	6136 shellfish	3
	6590 oilseeds nec	0
	6654 vegetables & prod.	0
	6747 grain mill products	0
	6782 animal feed, prep.	1
6811 meat, fresh, frozen	0	
6835 fish, prepared	55	
6838 tallow, animal oils	0	
6858 fruit juices	0	
6885 alcoholic beverages	36	
6887 groceries	71	
6888 water & ice	3	
6889 food products nec	45	
6891 tobacco & products	0	
6899 farm products nec	0	
7110 machinery (not elec)	23	
7120 electrical machinery	3	
7210 vehicles & parts	22	

Other Harbors and Waterways 2003 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
TONGASS NARROWS, AK - continued	7220 aircraft & parts	0
	7230 ships & boats	4
	7300 ordnance & access.	0
	7400 manufac. wood prod.	18
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	136
	8900 waste and scrap nec	25
	9900 unknown or nec	0
	Total Tons(x1000)	1,417
	Total Ton-miles(x1000)	13,961
	Total Trip-ton-miles Internal and Intraport (x1000)	739,234

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAN DIEGO HARBOR, CA												
	Inbound						Outbound					
Grand Total	12,330	10,933	---	984	258	155	12,310	10,940	---	961	254	155
FOREIGN												
Total	805	568	---	137	81	19	820	578	---	139	82	21
37	---	---	---	---	---	---	2	2	---	---	---	---
36	1	1	---	---	---	---	---	---	---	---	---	---
35	4	4	---	---	---	---	1	1	---	---	---	---
34	6	6	---	---	---	---	1	1	---	---	---	---
33	3	3	---	---	---	---	1	1	---	---	---	---
32	3	3	---	---	---	---	---	---	---	---	---	---
31	3	3	---	---	---	---	2	2	---	---	---	---
30	6	6	---	---	---	---	6	6	---	---	---	---
29	10	10	---	---	---	---	5	5	---	---	---	---
28	49	49	---	---	---	---	22	22	---	---	---	---
27	44	44	---	---	---	---	21	21	---	---	---	---
26	124	124	---	---	---	---	38	38	---	---	---	---
25	69	69	---	---	---	---	138	138	---	---	---	---
24	37	37	---	---	---	---	58	58	---	---	---	---
23	8	8	---	---	---	---	49	49	---	---	---	---
22	10	10	---	---	---	---	9	9	---	---	---	---
21	6	6	---	---	---	---	9	9	---	---	---	---
20	4	4	---	---	---	---	19	19	---	---	---	---
19	2	2	---	---	---	---	4	4	---	---	---	---
≤ 18	416	179	---	137	81	19	435	193	---	139	82	21
DOMESTIC												
Total	11,525	10,365	---	847	177	136	11,490	10,362	---	822	172	134
19	15	---	---	3	---	12	3	---	---	3	---	---
≤ 18	11,510	10,365	---	844	177	124	11,487	10,362	---	819	172	134
											Total trips:	24,640
LONG BEACH HARBOR, CA												
	Inbound						Outbound					
Grand Total	18,886	9,890	525	4,310	3,011	1,150	18,885	9,908	530	4,316	3,004	1,127
FOREIGN												
Total	2,569	2,163	316	53	27	10	2,600	2,174	339	55	29	3
64	2	---	2	---	---	---	---	---	---	---	---	---
62	2	---	2	---	---	---	---	---	---	---	---	---
60	4	---	4	---	---	---	1	---	1	---	---	---
59	1	---	1	---	---	---	---	---	---	---	---	---
57	5	---	5	---	---	---	---	---	---	---	---	---
56	5	---	5	---	---	---	2	---	2	---	---	---
55	3	---	3	---	---	---	---	---	---	---	---	---
54	11	---	11	---	---	---	3	---	3	---	---	---
53	6	---	6	---	---	---	1	---	1	---	---	---
52	1	---	1	---	---	---	---	---	---	---	---	---
51	1	---	1	---	---	---	---	---	---	---	---	---
50	1	---	1	---	---	---	---	---	---	---	---	---
49	2	1	1	---	---	---	---	---	---	---	---	---
48	5	---	5	---	---	---	1	---	1	---	---	---
47	2	---	2	---	---	---	---	---	---	---	---	---
46	5	---	5	---	---	---	---	---	---	---	---	---
45	2	---	2	---	---	---	3	1	2	---	---	---
44	7	4	3	---	---	---	5	---	5	---	---	---
43	8	4	4	---	---	---	5	4	1	---	---	---
42	33	23	10	---	---	---	9	4	5	---	---	---
41	59	57	2	---	---	---	20	18	2	---	---	---
40	112	102	10	---	---	---	53	46	7	---	---	---
39	121	99	22	---	---	---	67	62	5	---	---	---
38	161	135	26	---	---	---	90	84	6	---	---	---
37	176	156	20	---	---	---	107	101	6	---	---	---
36	201	181	14	---	---	6	169	163	6	---	---	---
35	133	125	7	---	---	1	161	149	12	---	---	---
34	175	163	12	---	---	---	183	175	7	---	---	1
33	119	111	8	---	---	---	132	117	15	---	---	---

Trips and Drafts of Vessels, 2003
(draft in feet)

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

LONG BEACH HARBOR, CA - continued

Inbound

Outbound

FOREIGN

32	109	94	15	—	—	—	228	217	11	—	—	—
31	86	73	13	—	—	—	109	99	10	—	—	—
30	98	86	12	—	—	—	193	172	21	—	—	—
29	102	95	7	—	—	—	106	84	22	—	—	—
28	97	82	15	—	—	—	92	64	28	—	—	—
27	118	101	17	—	—	—	154	89	65	—	—	—
26	75	68	7	—	—	—	103	72	31	—	—	—
25	158	154	3	—	—	1	187	175	12	—	—	—
24	73	64	8	1	—	—	103	84	18	1	—	—
23	44	34	10	—	—	—	43	34	9	—	—	—
22	30	28	2	—	—	—	41	31	10	—	—	—
21	34	32	2	—	—	—	42	37	5	—	—	—
20	33	29	4	—	—	—	25	21	4	—	—	—
19	16	13	3	—	—	—	17	17	—	—	—	—
≤ 18	133	49	3	52	27	2	145	54	6	54	29	2

DOMESTIC

Total	16,317	7,727	209	4,257	2,984	1,140	16,285	7,734	191	4,261	2,975	1,124
59	2	—	2	—	—	—	—	—	—	—	—	—
58	9	—	9	—	—	—	—	—	—	—	—	—
57	7	—	7	—	—	—	—	—	—	—	—	—
56	4	—	4	—	—	—	—	—	—	—	—	—
55	8	—	8	—	—	—	—	—	—	—	—	—
54	10	—	10	—	—	—	—	—	—	—	—	—
53	1	—	1	—	—	—	—	—	—	—	—	—
52	8	—	8	—	—	—	—	—	—	—	—	—
51	6	—	6	—	—	—	1	—	1	—	—	—
50	1	—	1	—	—	—	—	—	—	—	—	—
48	15	—	15	—	—	—	2	—	2	—	—	—
47	7	—	7	—	—	—	—	—	—	—	—	—
46	3	—	3	—	—	—	—	—	—	—	—	—
45	—	—	—	—	—	—	3	—	3	—	—	—
44	8	—	8	—	—	—	2	—	2	—	—	—
42	1	—	1	—	—	—	1	—	1	—	—	—
41	1	—	1	—	—	—	2	—	2	—	—	—
40	5	—	5	—	—	—	1	—	1	—	—	—
39	8	—	8	—	—	—	—	—	—	—	—	—
38	5	—	5	—	—	—	11	3	8	—	—	—
37	10	—	10	—	—	—	5	2	3	—	—	—
36	6	—	6	—	—	—	5	1	4	—	—	—
35	12	1	11	—	—	—	15	6	9	—	—	—
34	12	3	9	—	—	—	14	5	9	—	—	—
33	4	2	2	—	—	—	15	6	9	—	—	—
32	13	3	10	—	—	—	18	3	15	—	—	—
31	5	3	2	—	—	—	10	2	8	—	—	—
30	6	4	2	—	—	—	9	—	9	—	—	—
29	6	2	4	—	—	—	6	—	6	—	—	—
28	12	4	8	—	—	—	6	—	6	—	—	—
27	8	2	6	—	—	—	13	—	13	—	—	—
26	11	—	8	—	—	3	5	2	3	—	—	—
25	5	2	2	—	—	1	2	1	1	—	—	—
24	8	3	—	—	—	5	5	1	—	—	—	4
23	2	1	—	—	—	1	2	—	2	—	—	—
22	3	—	3	—	—	—	16	13	3	—	—	—
21	1	—	1	—	—	—	41	24	17	—	—	—
20	21	—	1	19	—	1	30	12	1	16	—	1
19	24	—	—	11	—	13	15	—	—	10	—	5
≤ 18	16,039	7,697	15	4,227	2,984	1,116	16,030	7,653	53	4,235	2,975	1,114
										Total trips:		37,771

LOS ANGELES HARBOR, CA

Inbound

Outbound

Grand Total	15,383	7,896	268	3,809	1,985	1,425	15,367	7,949	262	3,778	1,990	1,388
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FOREIGN

Total	2,455	2,260	168	3	24	—	2,478	2,281	170	3	24	—
55	3	—	3	—	—	—	—	—	—	—	—	—
54	3	—	3	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

LOS ANGELES HARBOR, CA - continued

	Inbound						Outbound					
FOREIGN												
53	1	—	1	—	—	—	—	—	—	—	—	—
52	2	—	2	—	—	—	—	—	—	—	—	—
51	2	—	2	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
48	1	—	1	—	—	—	—	—	—	—	—	—
47	—	—	—	—	—	—	2	1	1	—	—	—
46	1	—	1	—	—	—	—	—	—	—	—	—
45	2	1	1	—	—	—	1	1	—	—	—	—
44	1	1	—	—	—	—	2	—	2	—	—	—
43	4	2	2	—	—	—	3	3	—	—	—	—
42	18	16	2	—	—	—	10	3	7	—	—	—
41	74	73	1	—	—	—	14	13	1	—	—	—
40	96	92	4	—	—	—	42	42	—	—	—	—
39	124	119	5	—	—	—	72	72	—	—	—	—
38	134	125	9	—	—	—	85	83	2	—	—	—
37	144	131	13	—	—	—	93	92	1	—	—	—
36	164	153	11	—	—	—	129	127	2	—	—	—
35	116	105	11	—	—	—	146	143	3	—	—	—
34	126	116	10	—	—	—	198	195	3	—	—	—
33	112	101	11	—	—	—	134	128	5	—	1	—
32	99	88	11	—	—	—	194	190	4	—	—	—
31	55	50	5	—	—	—	68	64	4	—	—	—
30	81	70	11	—	—	—	90	80	10	—	—	—
29	102	95	7	—	—	—	68	61	7	—	—	—
28	67	62	5	—	—	—	87	74	13	—	—	—
27	88	82	6	—	—	—	101	84	17	—	—	—
26	135	126	9	—	—	—	125	97	27	1	—	—
25	218	212	6	—	—	—	224	213	10	—	1	—
24	97	93	3	—	1	—	118	95	23	—	—	—
23	74	71	3	—	—	—	71	64	7	—	—	—
≤ 22	310	276	8	3	23	—	401	356	21	2	22	—
DOMESTIC												
Total	12,928	5,636	100	3,806	1,961	1,425	12,889	5,668	92	3,775	1,966	1,388
39	1	—	1	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	4	2	2	—	—	—
37	27	—	27	—	—	—	6	1	5	—	—	—
36	4	—	4	—	—	—	2	1	1	—	—	—
35	4	—	4	—	—	—	5	3	1	—	1	—
34	2	—	2	—	—	—	7	7	—	—	—	—
33	5	—	5	—	—	—	26	25	1	—	—	—
32	9	—	9	—	—	—	33	31	2	—	—	—
31	5	3	2	—	—	—	21	18	2	—	1	—
30	12	3	9	—	—	—	11	9	2	—	—	—
29	10	7	3	—	—	—	4	3	1	—	—	—
28	18	15	3	—	—	—	—	—	—	—	—	—
27	13	11	2	—	—	—	3	—	3	—	—	—
26	27	9	4	—	—	14	4	—	4	—	—	—
25	8	7	—	—	—	1	4	—	1	—	—	—
24	16	6	1	—	—	9	5	—	2	—	—	3
23	3	3	—	—	—	—	1	—	1	—	—	—
≤ 22	12,763	5,572	23	3,806	1,961	1,401	12,755	5,568	63	3,775	1,964	1,385
										Total trips:		30,750

PORT HUENEME, CA

	Inbound						Outbound					
Grand Total	2,511	2,457	8	17	29	—	2,513	2,455	8	19	31	—
FOREIGN												
Total	289	280	8	1	—	—	287	278	8	1	—	—
35	4	—	4	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	2	1	1	—	—	—
32	5	3	2	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

PORT HUENEME, CA - continued

Inbound							Outbound					
FOREIGN												
31	5	5	—	—	—	—	1	1	—	—	—	—
30	13	13	—	—	—	—	10	8	2	—	—	—
29	12	12	—	—	—	—	11	9	2	—	—	—
28	34	33	1	—	—	—	61	59	2	—	—	—
27	36	36	—	—	—	—	19	19	—	—	—	—
26	59	59	—	—	—	—	35	35	—	—	—	—
25	50	50	—	—	—	—	31	31	—	—	—	—
24	32	32	—	—	—	—	40	39	1	—	—	—
23	16	16	—	—	—	—	21	21	—	—	—	—
22	8	8	—	—	—	—	10	10	—	—	—	—
21	5	5	—	—	—	—	16	16	—	—	—	—
20	3	3	—	—	—	—	6	6	—	—	—	—
19	3	3	—	—	—	—	15	15	—	—	—	—
≤ 18	2	1	—	1	—	—	9	8	—	1	—	—
DOMESTIC												
Total	2,222	2,177	—	16	29	—	2,226	2,177	—	18	31	—
≤ 18	2,222	2,177	—	16	29	—	2,226	2,177	—	18	31	—
											Total trips:	5,024

MISSION BAY, CA
(8 feet and less)

Inbound							Outbound					
Grand Total	2	—	—	2	—	—	2	—	—	2	—	—
											Total trips:	4

MORRO BAY HARBOR, CA
No Vessel Trips Reported

NEWPORT BAY HARBOR, CA
(13 feet and less)

Inbound							Outbound					
Grand Total	388	290	—	67	31	—	390	290	—	67	33	—
											Total trips:	778

OCEANSIDE HARBOR, CA
(8 feet and less)

Inbound							Outbound					
Grand Total	2	—	—	1	—	1	1	—	—	1	—	—
											Total trips:	3

REDONDO BEACH, CA
No Vessel Trips Reported

SANTA BARBARA HARBOR, CA
(8 feet and less)

Inbound							Outbound					
Grand Total	144	6	—	69	69	—	144	6	—	69	69	—
											Total trips:	288

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
SACRAMENTO RIVER, CA													
			Upbound						Downbound				
Grand Total	171	61	7	51	52	---	165	58	5	50	51	1	
FOREIGN													
Total	68	61	7	---	---	---	63	58	5	---	---	---	
35	---	---	---	---	---	---	1	1	---	---	---	---	
32	1	1	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	2	2	---	---	---	---	
30	9	5	4	---	---	---	4	4	---	---	---	---	
29	5	4	1	---	---	---	6	6	---	---	---	---	
28	13	12	1	---	---	---	12	12	---	---	---	---	
27	3	3	---	---	---	---	1	1	---	---	---	---	
26	6	5	1	---	---	---	9	6	3	---	---	---	
25	3	3	---	---	---	---	5	5	---	---	---	---	
24	3	3	---	---	---	---	4	4	---	---	---	---	
23	6	6	---	---	---	---	2	2	---	---	---	---	
22	4	4	---	---	---	---	5	3	2	---	---	---	
21	4	4	---	---	---	---	2	2	---	---	---	---	
20	1	1	---	---	---	---	4	4	---	---	---	---	
19	5	5	---	---	---	---	2	2	---	---	---	---	
18	4	4	---	---	---	---	3	3	---	---	---	---	
16	---	---	---	---	---	---	1	1	---	---	---	---	
15	1	1	---	---	---	---	---	---	---	---	---	---	
DOMESTIC													
Total	103	---	---	51	52	---	102	---	---	50	51	1	
12	2	---	---	---	2	---	---	---	---	---	---	---	
9	3	---	---	2	1	---	2	---	---	2	---	---	
8	1	---	---	---	1	---	---	---	---	---	---	---	
7	1	---	---	1	---	---	1	---	---	1	---	---	
≤ 6	96	---	---	48	48	---	99	---	---	47	51	1	
											Total trips:	336	

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA													
			Upbound						Downbound				
Grand Total	68	61	7	---	---	---	63	58	5	---	---	---	
FOREIGN													
Total	68	61	7	---	---	---	63	58	5	---	---	---	
35	---	---	---	---	---	---	1	1	---	---	---	---	
32	1	1	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	2	2	---	---	---	---	
30	9	5	4	---	---	---	4	4	---	---	---	---	
29	5	4	1	---	---	---	6	6	---	---	---	---	
28	13	12	1	---	---	---	12	12	---	---	---	---	
27	3	3	---	---	---	---	1	1	---	---	---	---	
26	6	5	1	---	---	---	9	6	3	---	---	---	
25	3	3	---	---	---	---	5	5	---	---	---	---	
24	3	3	---	---	---	---	4	4	---	---	---	---	
23	6	6	---	---	---	---	2	2	---	---	---	---	
22	4	4	---	---	---	---	5	3	2	---	---	---	
21	4	4	---	---	---	---	2	2	---	---	---	---	
20	1	1	---	---	---	---	4	4	---	---	---	---	
19	5	5	---	---	---	---	2	2	---	---	---	---	
18	4	4	---	---	---	---	3	3	---	---	---	---	
16	---	---	---	---	---	---	1	1	---	---	---	---	
15	1	1	---	---	---	---	---	---	---	---	---	---	
											Total trips:	131	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SACRAMENTO, CA												
	Inbound						Outbound					
Grand Total	69	61	7	1	---	---	64	58	5	1	---	---
FOREIGN												
Total	68	61	7	---	---	---	63	58	5	---	---	---
35	---	---	---	---	---	---	1	1	---	---	---	---
32	1	1	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	2	2	---	---	---	---
30	9	5	4	---	---	---	4	4	---	---	---	---
29	5	4	1	---	---	---	6	6	---	---	---	---
28	13	12	1	---	---	---	12	12	---	---	---	---
27	3	3	---	---	---	---	1	1	---	---	---	---
26	6	5	1	---	---	---	9	6	3	---	---	---
25	3	3	---	---	---	---	5	5	---	---	---	---
24	3	3	---	---	---	---	4	4	---	---	---	---
23	6	6	---	---	---	---	2	2	---	---	---	---
22	4	4	---	---	---	---	5	3	2	---	---	---
21	4	4	---	---	---	---	2	2	---	---	---	---
20	1	1	---	---	---	---	4	4	---	---	---	---
19	5	5	---	---	---	---	2	2	---	---	---	---
18	4	4	---	---	---	---	3	3	---	---	---	---
16	---	---	---	---	---	---	1	1	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
Total	1	---	---	1	---	---	1	---	---	1	---	---
≤ 6	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	133	
SAN JOAQUIN RIVER, CA												
	Upbound						Downbound					
Grand Total	422	108	52	140	110	12	417	111	52	131	112	11
FOREIGN												
Total	162	108	52	1	1	---	167	111	52	2	2	---
37	2	1	1	---	---	---	1	1	---	---	---	---
35	2	2	---	---	---	---	1	1	---	---	---	---
34	8	3	5	---	---	---	4	4	---	---	---	---
33	11	8	3	---	---	---	8	7	1	---	---	---
32	16	12	4	---	---	---	9	7	---	1	1	---
31	15	14	1	---	---	---	2	2	---	---	---	---
30	24	10	14	---	---	---	13	9	4	---	---	---
29	11	---	11	---	---	---	3	1	2	---	---	---
28	12	7	5	---	---	---	13	8	5	---	---	---
27	6	2	4	---	---	---	5	5	---	---	---	---
26	5	3	2	---	---	---	23	6	17	---	---	---
25	4	4	---	---	---	---	17	16	1	---	---	---
24	9	7	2	---	---	---	16	10	6	---	---	---
23	3	3	---	---	---	---	8	7	1	---	---	---
22	7	7	---	---	---	---	17	7	10	---	---	---
21	5	5	---	---	---	---	9	9	---	---	---	---
20	5	5	---	---	---	---	11	6	5	---	---	---
19	5	5	---	---	---	---	3	3	---	---	---	---
18	8	8	---	---	---	---	2	2	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
15	2	1	---	1	---	---	1	---	---	1	---	---
13	1	---	---	---	1	---	---	---	---	---	---	---
≤ 12	---	---	---	---	---	---	1	---	---	---	1	---
DOMESTIC												
Total	260	---	---	139	109	12	250	---	---	129	110	11
20	---	---	---	---	---	---	1	---	---	1	---	---
17	4	---	---	4	---	---	6	---	---	6	---	---
15	14	---	---	6	8	---	16	---	---	16	---	---
13	6	---	---	6	---	---	---	---	---	---	---	---
≤ 12	236	---	---	123	101	12	227	---	---	106	110	11
										Total trips:	839	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
STOCKTON, CA													
			Inbound						Outbound				
Grand Total	140	63	42	14	9	12	144	64	43	15	12	10	
FOREIGN													
Total	107	63	42	1	1	—	111	64	43	2	2	—	
37	1	—	1	—	—	—	—	—	—	—	—	—	
35	2	2	—	—	—	—	—	—	—	—	—	—	
34	7	3	4	—	—	—	2	2	—	—	—	—	
33	10	7	3	—	—	—	3	3	—	—	—	—	
32	11	7	4	—	—	—	6	4	—	1	1	—	
31	4	3	1	—	—	—	—	—	—	—	—	—	
30	12	4	8	—	—	—	6	6	—	—	—	—	
29	11	—	11	—	—	—	3	1	2	—	—	—	
28	8	4	4	—	—	—	10	6	4	—	—	—	
27	4	1	3	—	—	—	4	4	—	—	—	—	
26	3	2	1	—	—	—	18	3	15	—	—	—	
25	3	3	—	—	—	—	6	5	1	—	—	—	
24	8	6	2	—	—	—	10	5	5	—	—	—	
23	3	3	—	—	—	—	5	4	1	—	—	—	
22	4	4	—	—	—	—	15	5	10	—	—	—	
21	3	3	—	—	—	—	7	7	—	—	—	—	
20	3	3	—	—	—	—	9	4	5	—	—	—	
19	2	2	—	—	—	—	3	3	—	—	—	—	
≤ 18	8	6	—	1	1	—	4	2	—	1	1	—	
DOMESTIC													
Total	33	—	—	13	8	12	33	—	—	13	10	10	
≤ 18	33	—	—	13	8	12	33	—	—	13	10	10	
											Total trips:	284	
MIDDLE RIVER, CA (9 feet and less)													
			Upbound						Downbound				
Grand Total	14	—	—	3	11	—	14	—	—	3	11	—	
											Total trips:	28	
MOKELUMNE RIVER, CA (9 feet and less)													
			Upbound						Downbound				
Grand Total	11	—	—	—	11	—	11	—	—	—	11	—	
											Total trips:	22	
OLD RIVER, CA (9 feet and less)													
			Upbound						Downbound				
Grand Total	15	—	—	8	7	—	15	—	—	8	7	—	
											Total trips:	30	

Trips and Drafts of Vessels, 2003
(draft in feet)

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

SAN FRANCISCO BAY ENTRANCE, CA

	Upbound						Downbound					
Grand Total	3,931	2,455	730	424	16	306	3,976	2,432	731	444	17	352

FOREIGN

Total	2,652	2,193	440	11	5	3	2,664	2,197	444	11	9	3
48	1	—	1	—	—	—	—	—	—	—	—	—
45	2	—	2	—	—	—	1	—	1	—	—	—
44	9	7	2	—	—	—	1	1	—	—	—	—
43	18	1	17	—	—	—	—	—	—	—	—	—
42	23	5	18	—	—	—	2	1	1	—	—	—
41	35	20	15	—	—	—	10	10	—	—	—	—
40	33	27	6	—	—	—	30	26	4	—	—	—
39	60	51	9	—	—	—	77	76	1	—	—	—
38	116	92	24	—	—	—	96	92	4	—	—	—
37	154	123	31	—	—	—	118	115	3	—	—	—
36	140	108	32	—	—	—	130	123	7	—	—	—
35	124	104	20	—	—	—	143	138	5	—	—	—
34	185	167	18	—	—	—	243	162	81	—	—	—
33	169	151	18	—	—	—	167	163	4	—	—	—
32	227	210	17	—	—	—	189	173	14	1	—	—
31	178	162	16	—	—	—	163	152	11	—	1	—
30	250	198	52	—	—	—	239	189	50	—	—	—
29	212	193	19	—	—	—	231	216	15	—	—	—
28	152	120	32	—	—	—	189	131	58	—	—	—
27	121	98	23	—	—	—	116	77	37	—	—	2
26	101	88	13	—	—	—	128	75	53	—	—	—
25	74	55	19	—	—	—	83	67	16	—	—	—
24	59	42	17	—	—	—	87	58	29	—	—	—
23	47	38	9	—	—	—	43	35	8	—	—	—
22	40	36	4	—	—	—	52	36	16	—	—	—
21	30	27	3	—	—	—	41	34	7	—	—	—
20	22	20	1	1	—	—	36	20	15	—	—	1
19	23	21	—	—	—	2	11	10	—	1	—	—
≤ 18	47	29	2	10	5	1	38	17	4	9	8	—

DOMESTIC

Total	1,279	262	290	413	11	303	1,312	235	287	433	8	349
49	1	—	1	—	—	—	—	—	—	—	—	—
48	3	—	3	—	—	—	—	—	—	—	—	—
46	3	—	3	—	—	—	—	—	—	—	—	—
45	12	—	12	—	—	—	—	—	—	—	—	—
44	19	—	19	—	—	—	—	—	—	—	—	—
43	5	—	5	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	10	—	10	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	5	—	5	—	—	—	1	—	1	—	—	—
37	12	—	12	—	—	—	32	—	32	—	—	—
36	10	—	10	—	—	—	16	3	13	—	—	—
35	18	—	9	—	—	—	41	18	23	—	—	—
34	29	20	9	—	—	—	21	18	3	—	—	—
33	35	28	7	—	—	—	26	23	3	—	—	—
32	47	16	31	—	—	—	22	17	5	—	—	—
31	28	21	7	—	—	—	19	16	3	—	—	—
30	30	6	24	—	—	—	17	8	9	—	—	—
29	23	11	12	—	—	—	8	4	4	—	—	—
28	24	16	8	—	—	—	12	8	4	—	—	—
27	21	13	8	—	—	—	61	4	57	—	—	—
26	18	11	5	—	—	2	25	4	7	—	—	14
25	3	—	3	—	—	—	20	12	8	—	—	—
24	26	7	—	—	—	19	28	4	2	—	—	22
23	5	2	3	—	—	—	34	12	21	—	—	1
22	9	4	4	—	—	1	25	10	12	—	—	3
21	10	—	7	—	—	3	40	12	15	—	—	13
20	47	—	1	43	—	3	78	4	4	50	—	20
19	42	2	—	24	—	16	67	1	1	22	—	43
≤ 18	780	96	68	346	11	259	719	57	60	361	8	233
										Total trips:		7,907

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAN FRANCISCO HARBOR, CA												
			Inbound						Outbound			
Grand Total	35,016	34,230	16	542	161	67	34,981	34,163	17	532	196	73
FOREIGN												
Total	208	190	16	1	1	—	195	174	17	1	3	—
44	5	5	—	—	—	—	—	—	—	—	—	—
43	1	1	—	—	—	—	—	—	—	—	—	—
42	1	1	—	—	—	—	—	—	—	—	—	—
41	2	2	—	—	—	—	—	—	—	—	—	—
40	2	2	—	—	—	—	—	—	—	—	—	—
39	1	1	—	—	—	—	1	1	—	—	—	—
38	5	5	—	—	—	—	1	—	1	—	—	—
37	7	7	—	—	—	—	4	4	—	—	—	—
36	4	4	—	—	—	—	5	5	—	—	—	—
35	2	2	—	—	—	—	2	1	1	—	—	—
34	5	5	—	—	—	—	4	3	1	—	—	—
33	3	3	—	—	—	—	4	4	—	—	—	—
32	3	2	1	—	—	—	5	4	1	—	—	—
31	2	2	—	—	—	—	5	5	—	—	—	—
30	11	9	2	—	—	—	11	9	2	—	—	—
29	19	18	1	—	—	—	21	21	—	—	—	—
28	7	2	5	—	—	—	7	6	1	—	—	—
27	21	21	—	—	—	—	27	27	—	—	—	—
26	31	31	—	—	—	—	21	21	—	—	—	—
25	21	19	2	—	—	—	16	15	1	—	—	—
24	20	19	1	—	—	—	16	15	1	—	—	—
23	11	10	1	—	—	—	8	8	—	—	—	—
≤ 22	24	19	3	1	1	—	37	25	8	1	3	—
DOMESTIC												
Total	34,808	34,040	—	541	160	67	34,786	33,989	—	531	193	73
32	—	—	—	—	—	—	2	2	—	—	—	—
31	—	—	—	—	—	—	2	2	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
≤ 22	34,804	34,036	—	541	160	67	34,782	33,985	—	531	193	73
										Total trips:		69,997
REDWOOD CITY HARBOR, CA												
			Inbound						Outbound			
Grand Total	147	29	—	110	8	—	132	42	—	81	9	—
FOREIGN												
Total	29	29	—	—	—	—	44	42	—	1	1	—
33	5	5	—	—	—	—	5	5	—	—	—	—
32	2	2	—	—	—	—	2	2	—	—	—	—
31	6	6	—	—	—	—	3	3	—	—	—	—
30	2	2	—	—	—	—	5	5	—	—	—	—
29	2	2	—	—	—	—	5	5	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	2	2	—	—	—	—
26	1	1	—	—	—	—	2	2	—	—	—	—
25	2	2	—	—	—	—	2	2	—	—	—	—
24	1	1	—	—	—	—	3	3	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
≤ 22	7	7	—	—	—	—	12	10	—	1	1	—
DOMESTIC												
Total	118	—	—	110	8	—	88	—	—	80	8	—
≤ 22	118	—	—	110	8	—	88	—	—	80	8	—
										Total trips:		279

Trips and Drafts of Vessels, 2003
(draft in feet)

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

OAKLAND HARBOR, CA

	Inbound						Outbound					
Grand Total	11,236	9,218	3	1,401	262	352	11,648	9,214	1	1,676	346	411

FOREIGN

Total	1,676	1,665	3	6	2	—	1,679	1,672	1	3	3	—
44	1	1	—	—	—	—	1	1	—	—	—	—
42	4	4	—	—	—	—	1	1	—	—	—	—
41	18	18	—	—	—	—	10	10	—	—	—	—
40	24	24	—	—	—	—	26	26	—	—	—	—
39	49	49	—	—	—	—	75	75	—	—	—	—
38	84	84	—	—	—	—	89	89	—	—	—	—
37	113	113	—	—	—	—	110	110	—	—	—	—
36	104	104	—	—	—	—	117	117	—	—	—	—
35	96	96	—	—	—	—	132	132	—	—	—	—
34	156	156	—	—	—	—	153	152	1	—	—	—
33	133	132	1	—	—	—	147	147	—	—	—	—
32	186	186	—	—	—	—	157	157	—	—	—	—
31	129	129	—	—	—	—	129	129	—	—	—	—
30	160	160	—	—	—	—	152	152	—	—	—	—
29	155	155	—	—	—	—	170	170	—	—	—	—
28	85	85	—	—	—	—	91	91	—	—	—	—
27	61	60	1	—	—	—	36	36	—	—	—	—
26	40	40	—	—	—	—	24	24	—	—	—	—
25	17	17	—	—	—	—	14	14	—	—	—	—
24	6	6	—	—	—	—	13	13	—	—	—	—
23	9	8	1	—	—	—	11	11	—	—	—	—
≤ 22	46	38	—	6	2	—	21	15	—	3	3	—

DOMESTIC

Total	9,560	7,553	—	1,395	260	352	9,969	7,542	—	1,673	343	411
37	—	—	—	—	—	—	1	1	—	—	—	—
36	1	1	—	—	—	—	13	13	—	—	—	—
35	11	11	—	—	—	—	22	22	—	—	—	—
34	23	23	—	—	—	—	21	21	—	—	—	—
33	32	32	—	—	—	—	16	16	—	—	—	—
32	9	9	—	—	—	—	16	16	—	—	—	—
31	19	19	—	—	—	—	14	14	—	—	—	—
30	9	9	—	—	—	—	6	6	—	—	—	—
29	11	11	—	—	—	—	1	1	—	—	—	—
28	15	15	—	—	—	—	9	9	—	—	—	—
27	9	9	—	—	—	—	1	1	—	—	—	—
26	9	9	—	—	—	—	11	11	—	—	—	—
25	—	—	—	—	—	—	4	4	—	—	—	—
24	7	7	—	—	—	—	3	3	—	—	—	—
23	1	1	—	—	—	—	10	10	—	—	—	—
≤ 22	9,404	7,397	—	1,395	260	352	9,821	7,394	—	1,673	343	411
										Total trips:		22,884

RICHMOND HARBOR, CA

	Inbound						Outbound					
Grand Total	5,807	58	378	3,586	390	1,395	5,764	62	380	3,569	404	1,349

FOREIGN

Total	241	57	180	2	1	1	235	61	174	—	—	—
48	1	—	1	—	—	—	—	—	—	—	—	—
44	3	1	2	—	—	—	—	—	—	—	—	—
43	16	—	16	—	—	—	—	—	—	—	—	—
42	17	—	17	—	—	—	—	—	—	—	—	—
41	12	—	12	—	—	—	—	—	—	—	—	—
40	4	1	3	—	—	—	—	—	—	—	—	—
39	8	1	7	—	—	—	—	—	—	—	—	—
38	14	2	12	—	—	—	5	2	3	—	—	—
37	15	2	13	—	—	—	3	—	3	—	—	—
36	8	—	8	—	—	—	6	1	5	—	—	—
35	4	—	4	—	—	—	—	—	—	—	—	—
34	4	—	4	—	—	—	—	—	—	—	—	—
33	7	—	7	—	—	—	81	3	78	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

RICHMOND HARBOR, CA - continued

	Inbound						Outbound					
FOREIGN												
32	12	5	7	—	—	—	7	2	5	—	—	—
31	11	6	5	—	—	—	8	5	3	—	—	—
30	19	4	15	—	—	—	25	6	19	—	—	—
29	7	5	2	—	—	—	11	9	2	—	—	—
28	11	4	7	—	—	—	20	6	14	—	—	—
27	11	3	8	—	—	—	13	5	8	—	—	—
26	5	2	3	—	—	—	13	4	9	—	—	—
25	12	3	9	—	—	—	12	8	4	—	—	—
24	12	2	10	—	—	—	11	2	9	—	—	—
23	6	4	2	—	—	—	5	1	4	—	—	—
≤ 22	22	12	6	2	—	1	15	7	8	—	—	—
DOMESTIC												
Total	5,566	1	198	3,584	389	1,394	5,529	1	206	3,569	404	1,349
49	1	—	1	—	—	—	1	—	1	—	—	—
48	3	—	3	—	—	—	—	—	—	—	—	—
46	3	—	3	—	—	—	—	—	—	—	—	—
45	13	—	13	—	—	—	—	—	—	—	—	—
44	18	—	18	—	—	—	—	—	—	—	—	—
43	5	—	5	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	—	—	—	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
38	4	—	4	—	—	—	4	—	4	—	—	—
37	6	—	6	—	—	—	18	—	18	—	—	—
36	3	—	3	—	—	—	10	—	10	—	—	—
35	4	—	4	—	—	—	19	—	19	—	—	—
34	6	—	6	—	—	—	2	—	2	—	—	—
33	4	—	4	—	—	—	5	—	5	—	—	—
32	21	—	21	—	—	—	14	—	14	—	—	—
31	4	—	4	—	—	—	9	—	9	—	—	—
30	8	—	8	—	—	—	34	—	34	—	—	—
29	6	—	6	—	—	—	5	—	5	—	—	—
28	5	—	5	—	—	—	7	—	7	—	—	—
27	6	—	6	—	—	—	12	—	12	—	—	—
26	3	—	3	—	—	—	6	—	4	—	—	2
25	6	—	6	—	—	—	3	—	3	—	—	—
24	18	—	1	—	—	17	18	—	—	—	—	18
23	—	—	—	—	—	—	2	—	2	—	—	—
≤ 22	5,414	1	63	3,584	389	1,377	5,360	1	57	3,569	404	1,329
										Total trips:		11,571

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

	Upbound						Downbound					
Grand Total	6,962	4,029	430	1,510	576	417	6,900	4,022	427	1,425	622	404
FOREIGN												
Total	498	252	241	2	1	2	511	248	252	6	2	3
45	2	—	2	—	—	—	1	—	1	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	1	—	1	—	—	—
41	3	—	3	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	4	—	4	—	—	—
39	2	—	2	—	—	—	1	—	1	—	—	—
38	13	1	12	—	—	—	1	1	—	—	—	—
37	19	1	18	—	—	—	1	1	—	—	—	—
36	24	—	24	—	—	—	2	—	2	—	—	—
35	22	6	16	—	—	—	9	5	4	—	—	—
34	20	6	14	—	—	—	5	4	1	—	—	—
33	21	11	10	—	—	—	11	7	4	—	—	—
32	24	15	9	—	—	—	18	8	8	1	1	—
31	30	19	11	—	—	—	18	10	8	—	—	—
30	58	23	35	—	—	—	46	17	29	—	—	—
29	29	13	16	—	—	—	24	11	13	—	—	—
28	48	28	20	—	—	—	70	27	43	—	—	—
27	28	14	14	—	—	—	38	7	29	—	—	2

Trips and Drafts of Vessels, 2003
(draft in feet)

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

SAN PABLO BAY AND MARE ISLAND STRAIT, CA - continued

	Upbound						Downbound					
FOREIGN												
26	24	14	10	—	—	—	68	24	44	—	—	—
25	22	14	8	—	—	—	39	28	11	—	—	—
24	20	14	6	—	—	—	44	25	19	—	—	—
23	21	16	5	—	—	—	17	13	4	—	—	—
≤ 22	63	57	1	2	—	1	93	60	26	5	1	1
DOMESTIC												
Total	6,464	3,777	189	1,508	575	415	6,389	3,774	175	1,419	620	401
45	1	—	1	—	—	—	—	—	—	—	—	—
40	7	—	7	—	—	—	—	—	—	—	—	—
39	2	—	2	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	8	—	8	—	—	—	17	—	17	—	—	—
36	7	—	7	—	—	—	4	—	4	—	—	—
35	6	—	6	—	—	—	5	—	5	—	—	—
34	3	—	3	—	—	—	1	—	1	—	—	—
33	5	—	5	—	—	—	—	—	—	—	—	—
32	20	—	20	—	—	—	2	—	2	—	—	—
31	12	—	12	—	—	—	2	—	2	—	—	—
30	49	—	49	—	—	—	5	—	5	—	—	—
29	10	—	10	—	—	—	2	—	2	—	—	—
28	10	—	10	—	—	—	4	—	4	—	—	—
27	6	—	6	—	—	—	47	—	47	—	—	—
26	3	—	1	—	—	2	14	—	2	—	—	12
25	1	—	1	—	—	—	8	—	8	—	—	—
24	6	—	—	—	—	6	10	—	2	—	—	8
23	4	—	4	—	—	—	21	—	20	—	—	1
≤ 22	6,301	3,777	34	1,508	575	407	6,247	3,774	54	1,419	620	380
										Total trips:		13,862

CARQUINEZ STRAIT, CA

	Upbound						Downbound					
Grand Total	3,101	254	416	1,602	511	318	2,900	248	403	1,388	549	312
FOREIGN												
Total	482	252	225	2	1	2	490	248	234	3	2	3
45	—	—	—	—	—	—	1	—	1	—	—	—
42	1	—	1	—	—	—	1	—	1	—	—	—
40	2	—	2	—	—	—	3	—	3	—	—	—
39	1	—	1	—	—	—	1	—	1	—	—	—
38	12	1	11	—	—	—	1	1	—	—	—	—
37	19	1	18	—	—	—	1	1	—	—	—	—
36	23	—	23	—	—	—	2	—	2	—	—	—
35	22	6	16	—	—	—	8	5	3	—	—	—
34	19	6	13	—	—	—	5	4	1	—	—	—
33	21	11	10	—	—	—	11	7	4	—	—	—
32	24	15	9	—	—	—	16	8	6	1	1	—
31	29	19	10	—	—	—	17	10	7	—	—	—
30	57	23	34	—	—	—	44	17	27	—	—	—
29	29	13	16	—	—	—	22	11	11	—	—	—
28	47	28	19	—	—	—	66	27	39	—	—	—
27	28	14	14	—	—	—	36	7	27	—	—	2
26	24	14	10	—	—	—	67	24	43	—	—	—
25	22	14	8	—	—	—	39	28	11	—	—	—
24	19	14	5	—	—	—	43	25	18	—	—	—
23	20	16	4	—	—	—	16	13	3	—	—	—
≤ 22	63	57	1	2	1	2	90	60	26	2	1	1
DOMESTIC												
Total	2,619	2	191	1,600	510	316	2,410	—	169	1,385	547	309
45	1	—	1	—	—	—	—	—	—	—	—	—
40	7	—	7	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	5	—	5	—	—	—	16	—	16	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

CARQUINEZ STRAIT, CA - continued

	Upbound						Downbound					
DOMESTIC												
36	6	—	6	—	—	—	4	—	4	—	—	—
35	6	—	6	—	—	—	5	—	5	—	—	—
34	3	—	3	—	—	—	1	—	1	—	—	—
33	6	—	6	—	—	—	1	—	1	—	—	—
32	22	—	22	—	—	—	2	—	2	—	—	—
31	13	—	13	—	—	—	2	—	2	—	—	—
30	48	—	48	—	—	—	4	—	4	—	—	—
29	10	—	10	—	—	—	2	—	2	—	—	—
28	9	—	9	—	—	—	4	—	4	—	—	—
27	6	—	6	—	—	—	47	—	47	—	—	—
26	2	—	1	—	—	1	13	—	3	—	—	10
25	—	—	—	—	—	—	8	—	7	—	—	1
24	6	—	—	—	—	6	10	—	2	—	—	8
23	7	—	7	—	—	—	22	—	21	—	—	1
≤ 22	2,456	2	35	1,600	510	309	2,269	—	48	1,385	547	289
										Total trips:		6,001

SUISUN BAY CHANNEL, CA

	Upbound						Downbound					
Grand Total	1,614	170	133	711	475	125	1,702	169	138	768	500	127
FOREIGN												
Total	264	169	91	2	1	1	272	169	97	2	2	2
40	1	—	1	—	—	—	1	—	1	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	4	1	3	—	—	—	1	1	—	—	—	—
36	8	—	8	—	—	—	—	—	—	—	—	—
35	5	2	3	—	—	—	2	2	—	—	—	—
34	9	3	6	—	—	—	4	4	—	—	—	—
33	12	8	4	—	—	—	9	7	2	—	—	—
32	18	13	5	—	—	—	11	7	2	1	1	—
31	18	14	4	—	—	—	5	4	1	—	—	—
30	36	15	21	—	—	—	22	13	9	—	—	—
29	17	4	13	—	—	—	10	7	3	—	—	—
28	25	19	6	—	—	—	34	20	14	—	—	—
27	10	5	5	—	—	—	16	6	8	—	—	2
26	13	8	5	—	—	—	38	12	26	—	—	—
25	9	7	2	—	—	—	24	21	3	—	—	—
24	12	10	2	—	—	—	23	14	9	—	—	—
23	10	9	1	—	—	—	10	9	1	—	—	—
22	11	11	—	—	—	—	22	10	12	—	—	—
21	9	9	—	—	—	—	11	11	—	—	—	—
20	6	6	—	—	—	—	15	10	5	—	—	—
19	11	10	—	—	—	1	5	5	—	—	—	—
≤ 18	18	15	—	2	1	—	9	6	1	1	1	—
DOMESTIC												
Total	1,350	1	42	709	474	124	1,430	—	41	766	498	125
38	1	—	1	—	—	—	—	—	—	—	—	—
37	5	—	5	—	—	—	16	—	16	—	—	—
36	—	—	—	—	—	—	4	—	4	—	—	—
35	—	—	—	—	—	—	4	—	4	—	—	—
34	1	—	1	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	2	—	2	—	—	—	1	—	1	—	—	—
31	1	—	1	—	—	—	—	—	—	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
29	—	—	—	—	—	—	1	—	1	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
27	2	—	2	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	5	—	1	—	—	4
24	2	—	—	—	—	2	5	—	—	—	—	5
23	3	—	3	—	—	—	1	—	1	—	—	—
22	2	—	2	—	—	—	2	—	2	—	—	—
21	—	—	—	—	—	—	4	—	—	—	—	4
20	26	—	—	23	—	3	30	—	—	25	—	5

Trips and Drafts of Vessels, 2003
(draft in feet)

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

SUISUN BAY CHANNEL, CA - continued

Upbound

Downbound

DOMESTIC

19	16	—	—	10	—	6	31	—	—	9	—	22
≤ 18	1,285	1	21	676	474	113	1,324	—	9	732	498	85
Total trips:											3,316	

PETALUMA RIVER, CA

Upbound

Downbound

Grand Total	364	—	—	159	205	—	374	—	—	169	205	—
--------------------	------------	---	---	------------	------------	---	------------	---	---	------------	------------	---

DOMESTIC

Total	364	—	—	159	205	—	374	—	—	169	205	—
13	96	—	—	—	96	—	—	—	—	—	—	—
12	6	—	—	1	5	—	1	—	—	1	—	—
10	2	—	—	2	—	—	—	—	—	—	—	—
9	132	—	—	114	18	—	121	—	—	114	7	—
8	22	—	—	12	10	—	17	—	—	12	5	—
7	4	—	—	4	—	—	16	—	—	16	—	—
6	32	—	—	26	6	—	34	—	—	26	8	—
5	19	—	—	—	19	—	4	—	—	—	4	—
4	7	—	—	—	7	—	15	—	—	—	15	—
3	—	—	—	—	—	—	143	—	—	—	143	—
2	44	—	—	—	44	—	23	—	—	—	23	—
Total trips:											738	

HUMBOLDT HARBOR AND BAY, CA

Inbound

Outbound

Grand Total	287	30	—	130	96	31	259	30	—	112	89	28
--------------------	------------	-----------	---	------------	-----------	-----------	------------	-----------	---	------------	-----------	-----------

FOREIGN

Total	80	30	—	24	26	—	89	30	—	28	31	—
36	—	—	—	—	—	—	1	1	—	—	—	—
35	1	1	—	—	—	—	2	2	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	2	2	—	—	—	—
29	1	1	—	—	—	—	3	3	—	—	—	—
28	3	3	—	—	—	—	2	2	—	—	—	—
27	1	1	—	—	—	—	3	3	—	—	—	—
26	3	3	—	—	—	—	2	2	—	—	—	—
25	3	3	—	—	—	—	6	6	—	—	—	—
24	4	4	—	—	—	—	3	3	—	—	—	—
23	15	7	—	—	8	—	4	4	—	—	—	—
22	4	4	—	—	—	—	1	1	—	—	—	—
21	3	1	—	—	2	—	—	—	—	—	—	—
20	2	1	—	—	1	—	—	—	—	—	—	—
≤ 18	39	—	—	24	15	—	59	—	—	28	31	—

DOMESTIC

Total	207	—	—	106	70	31	170	—	—	84	58	28
≤ 18	207	—	—	106	70	31	170	—	—	84	58	28
Total trips:											546	

BERKELEY, CA

No Vessel Trips Reported

BODEGA BAY, CA

No Vessel Trips Reported

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CRESCENT CITY HARBOR, CA No Vessel Trips Reported												
MONTEREY HARBOR, CA (9 feet and less)												
				Inbound						Outbound		
Grand Total	1	—	—	1	—	—	2	—	—	2	—	—
										Total trips:	—	3
MOSS LANDING HARBOR, CA No Vessel Trips Reported												
NAPA RIVER, CA (15 feet and less)												
				Upbound						Downbound		
Grand Total	122	—	—	61	60	1	121	—	—	61	60	—
										Total trips:	60	243
NOYO RIVER, CA No Vessel Trips Reported												
PILLAR POINT HARBOR, CA No Vessel Trips Reported												
SAN LEANDRO MARINA, CA (6 feet and less)												
				Inbound						Outbound		
Grand Total	144	—	—	72	72	—	144	—	—	72	72	—
										Total trips:	72	288
SAN RAFAEL CREEK, CA No Vessel Trips Reported												
SANTA CRUZ HARBOR, CA No Vessel Trips Reported												
SUISUN CHANNEL, CA (12 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:	—	2
OTHER SAN FRANCISCO BAY AREA PORTS, CA (37 feet and less)												
				Upbound						Downbound		
Grand Total	25,144	22,482	4	1,380	1,019	259	22,486	20,156	5	1,206	828	291
										Total trips:	828	47,630

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HILO HARBOR, HAWAII IS., HI												
				Inbound						Outbound		
Grand Total	1,159	120	6	481	430	122	1,122	120	5	483	433	81
FOREIGN												
Total	126	120	6	---	---	---	125	120	5	---	---	---
32	1	1	---	---	---	---	---	---	---	---	---	---
30	1	1	---	---	---	---	---	---	---	---	---	---
29	11	11	---	---	---	---	11	11	---	---	---	---
28	47	47	---	---	---	---	46	46	---	---	---	---
27	14	14	---	---	---	---	14	14	---	---	---	---
26	9	8	1	---	---	---	9	8	1	---	---	---
25	7	7	---	---	---	---	7	7	---	---	---	---
24	9	9	---	---	---	---	9	9	---	---	---	---
23	4	2	2	---	---	---	2	1	1	---	---	---
22	---	---	---	---	---	---	3	2	1	---	---	---
21	14	13	1	---	---	---	15	14	1	---	---	---
20	2	2	---	---	---	---	3	3	---	---	---	---
19	3	2	1	---	---	---	2	2	---	---	---	---
≤ 18	4	3	1	---	---	---	4	3	1	---	---	---
DOMESTIC												
Total	1,033	---	---	481	430	122	997	---	---	483	433	81
19	19	---	---	---	---	19	---	---	---	---	---	---
≤ 18	1,014	---	---	481	430	103	997	---	---	483	433	81
											Total trips:	2,281
KAWAIHAE HARBOR, HAWAII IS., HI												
				Inbound						Outbound		
Grand Total	863	---	---	391	463	9	864	---	---	393	466	5
DOMESTIC												
Total	863	---	---	391	463	9	864	---	---	393	466	5
19	1	---	---	---	---	1	---	---	---	---	---	---
≤ 18	862	---	---	391	463	8	864	---	---	393	466	5
											Total trips:	1,727
KAHULUI HARBOR, MAUI, HI												
				Inbound						Outbound		
Grand Total	1,499	75	6	695	593	130	1,496	79	4	731	600	82
FOREIGN												
Total	79	69	6	2	2	---	76	72	4	---	---	---
32	2	2	---	---	---	---	---	---	---	---	---	---
28	1	1	---	---	---	---	3	3	---	---	---	---
27	44	44	---	---	---	---	45	45	---	---	---	---
26	3	2	1	---	---	---	2	1	1	---	---	---
25	14	12	---	1	1	---	13	13	---	---	---	---
24	4	3	1	---	---	---	3	3	---	---	---	---
23	1	---	---	---	1	---	1	---	1	---	---	---
22	3	1	2	---	---	---	1	1	---	---	---	---
21	1	1	---	---	---	---	1	1	---	---	---	---
19	3	1	1	1	---	---	2	2	---	---	---	---
≤ 18	3	2	1	---	---	---	5	3	2	---	---	---
DOMESTIC												
Total	1,420	6	---	693	591	130	1,420	7	---	731	600	82
33	---	---	---	---	---	---	1	1	---	---	---	---
25	5	5	---	---	---	---	2	2	---	---	---	---
24	1	1	---	---	---	---	4	4	---	---	---	---
21	102	---	---	---	102	---	108	---	---	---	108	---
19	23	---	---	---	---	23	---	---	---	---	---	---
≤ 18	1,289	---	---	693	489	107	1,305	---	---	731	492	82
											Total trips:	2,995

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BARBERS POINT HARBOR, OAHU, HI												
	Inbound						Outbound					
Grand Total	1,665	29	75	1,219	87	255	1,734	35	59	1,185	85	370
FOREIGN												
Total	81	29	49	1	2	—	78	35	40	1	2	—
52	1	—	1	—	—	—	—	—	—	—	—	—
48	1	—	1	—	—	—	—	—	—	—	—	—
47	2	—	2	—	—	—	—	—	—	—	—	—
46	1	1	—	—	—	—	—	—	—	—	—	—
45	4	1	3	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	—	—	—	—	—	—	1	1	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	1	—	1	—	—	—	1	—	1	—	—	—
36	10	10	—	—	—	—	4	3	1	—	—	—
35	3	3	—	—	—	—	1	1	—	—	—	—
34	2	2	—	—	—	—	—	—	—	—	—	—
33	2	2	—	—	—	—	3	2	1	—	—	—
32	2	2	—	—	—	—	4	2	2	—	—	—
31	—	—	—	—	—	—	2	2	—	—	—	—
30	1	—	1	—	—	—	3	3	—	—	—	—
29	—	—	—	—	—	—	3	2	1	—	—	—
28	2	—	2	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	4	4	—	—	—	—
26	1	1	—	—	—	—	2	1	1	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	—	—	—	—	—	—	4	1	3	—	—	—
22	2	—	2	—	—	—	6	2	4	—	—	—
21	1	1	—	—	—	—	8	3	5	—	—	—
20	2	1	1	—	—	—	4	2	2	—	—	—
19	3	1	2	—	—	—	5	1	4	—	—	—
18	3	1	2	—	—	—	5	—	5	—	—	—
17	2	—	1	1	—	—	3	—	3	—	—	—
16	8	1	7	—	—	—	5	1	4	—	—	—
15	10	2	8	—	—	—	1	—	—	1	—	—
14	6	—	6	—	—	—	—	—	—	—	—	—
13	4	—	4	—	—	—	2	1	—	—	1	—
≤ 12	4	—	2	—	2	—	4	2	1	—	1	—
DOMESTIC												
Total	1,584	—	26	1,218	85	255	1,656	—	19	1,184	83	370
57	6	—	6	—	—	—	—	—	—	—	—	—
56	1	—	1	—	—	—	—	—	—	—	—	—
53	1	—	1	—	—	—	—	—	—	—	—	—
47	2	—	2	—	—	—	—	—	—	—	—	—
46	2	—	2	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
40	5	—	5	—	—	—	—	—	—	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
35	2	—	2	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	10	—	10	—	—	—
22	1	—	1	—	—	—	3	—	3	—	—	—
19	—	—	—	—	—	—	54	—	—	—	—	54
18	—	—	—	—	—	—	6	—	—	—	—	6
17	2	—	—	—	—	2	77	—	—	—	—	77
16	1	—	—	—	—	1	—	—	—	—	—	—
15	58	—	—	57	—	1	54	—	—	53	—	1

Trips and Drafts of Vessels, 2003
(draft in feet)

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

BARBERS POINT HARBOR, OAHU, HI - continued
Inbound

Outbound

DOMESTIC

14	95	—	—	95	—	—	124	—	—	124	—	—
13	8	—	—	7	—	1	53	—	—	23	1	29
≤ 12	1,395	—	1	1,059	85	250	1,272	—	3	984	82	203
Total trips:											3,399	

HONOLULU HARBOR, OAHU, HI

Inbound

Outbound

Grand Total	5,690	656	84	2,520	2,149	281	5,866	664	92	2,741	2,100	269
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FOREIGN

Total	514	368	84	34	26	2	538	385	92	31	28	2
48	8	—	8	—	—	—	—	—	—	—	—	—
47	5	—	5	—	—	—	—	—	—	—	—	—
46	4	—	4	—	—	—	—	—	—	—	—	—
45	3	—	3	—	—	—	—	—	—	—	—	—
44	6	—	6	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	6	—	6	—	—	—	—	—	—	—	—	—
41	3	1	2	—	—	—	—	—	—	—	—	—
40	2	—	2	—	—	—	1	—	1	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
38	1	—	1	—	—	—	2	—	2	—	—	—
37	9	1	8	—	—	—	6	1	5	—	—	—
36	7	3	4	—	—	—	4	1	3	—	—	—
35	11	9	2	—	—	—	8	7	1	—	—	—
34	10	10	—	—	—	—	14	12	2	—	—	—
33	17	15	2	—	—	—	17	16	1	—	—	—
32	15	14	1	—	—	—	14	11	3	—	—	—
31	11	10	1	—	—	—	9	8	—	1	—	—
30	18	18	—	—	—	—	17	14	3	—	—	—
29	17	17	—	—	—	—	30	25	5	—	—	—
28	57	54	3	—	—	—	69	60	8	—	1	—
27	30	27	3	—	—	—	48	28	20	—	—	—
26	34	32	2	—	—	—	43	31	12	—	—	—
25	28	27	1	—	—	—	34	31	3	—	—	—
24	21	19	2	—	—	—	24	22	2	—	—	—
23	18	18	—	—	—	—	15	13	2	—	—	—
22	17	17	—	—	—	—	27	25	2	—	—	—
21	40	24	2	—	14	—	42	26	2	—	14	—
20	8	7	1	—	—	—	13	9	4	—	—	—
19	8	6	2	—	—	—	10	6	4	—	—	—
≤ 18	97	39	10	34	12	2	91	39	7	30	13	2

DOMESTIC

Total	5,176	288	—	2,486	2,123	279	5,328	279	—	2,710	2,072	267
38	2	2	—	—	—	—	—	—	—	—	—	—
37	3	3	—	—	—	—	—	—	—	—	—	—
36	10	10	—	—	—	—	—	—	—	—	—	—
35	27	27	—	—	—	—	1	1	—	—	—	—
34	14	14	—	—	—	—	1	1	—	—	—	—
33	32	32	—	—	—	—	2	2	—	—	—	—
32	30	30	—	—	—	—	10	10	—	—	—	—
31	27	27	—	—	—	—	12	12	—	—	—	—
30	13	13	—	—	—	—	21	21	—	—	—	—
29	8	8	—	—	—	—	40	40	—	—	—	—
28	3	3	—	—	—	—	37	37	—	—	—	—
27	2	2	—	—	—	—	22	22	—	—	—	—
26	4	4	—	—	—	—	13	13	—	—	—	—
25	7	7	—	—	—	—	14	14	—	—	—	—
24	4	4	—	—	—	—	1	1	—	—	—	—
23	10	10	—	—	—	—	—	—	—	—	—	—
22	23	23	—	—	—	—	1	1	—	—	—	—
21	181	37	—	—	144	—	99	—	—	—	99	—
20	16	16	—	—	—	—	—	—	—	—	—	—
19	4	1	—	3	—	—	7	2	—	5	—	—
≤ 18	4,756	15	—	2,483	1,979	279	5,047	102	—	2,705	1,973	267
Total trips:											11,556	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NAWILIWILI HARBOR, KAUAI, HI												
				Inbound						Outbound		
Grand Total	853	99	3	300	413	38	800	91	2	251	434	22
FOREIGN												
Total	102	99	3	—	—	—	93	91	2	—	—	—
30	1	1	—	—	—	—	1	1	—	—	—	—
29	10	10	—	—	—	—	10	10	—	—	—	—
28	38	38	—	—	—	—	34	34	—	—	—	—
27	14	14	—	—	—	—	14	14	—	—	—	—
26	8	7	1	—	—	—	7	6	1	—	—	—
25	8	8	—	—	—	—	8	8	—	—	—	—
24	8	8	—	—	—	—	7	7	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
21	9	9	—	—	—	—	8	8	—	—	—	—
20	3	2	1	—	—	—	3	2	1	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	1	—	1	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	751	—	—	300	413	38	707	—	—	251	434	22
19	11	—	—	—	—	11	—	—	—	—	—	—
≤ 18	740	—	—	300	413	27	707	—	—	251	434	22
										Total trips:		1,653

HANA HARBOR, MAUI, HI
No Vessel Trips Reported

KAILUA HARBOR, OAHU, HI
No Vessel Trips Reported

KALAUPAPA HARBOR, MOLOKAI, HI
(14 feet and less)

	Inbound				Outbound							
Grand Total	4	—	—	4	—	—	5	—	—	5	—	—
										Total trips:		9

KAUNAKAKAI HARBOR, MOLOKAI, HI
(21 feet and less)

	Inbound				Outbound							
Grand Total	538	—	—	194	344	—	538	—	—	196	342	—
										Total trips:		1,076

PORT ALLEN HARBOR, KAUAI, HI
(14 feet and less)

	Inbound				Outbound							
Grand Total	35	—	—	35	—	—	34	—	—	34	—	—
										Total trips:		69

WAKE ISLAND HARBOR, WAKE ISLAND
No Vessel Trips Reported

WELLS HARBOR, MIDWAY ISLAND
No Vessel Trips Reported

Trips and Drafts of Vessels, 2003
(draft in feet)

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

COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA

	Upbound						Downbound					
Grand Total	2,982	3	—	1,201	1,377	401	2,982	3	—	1,201	1,377	401
DOMESTIC												
Total	2,982	3	—	1,201	1,377	401	2,982	3	—	1,201	1,377	401
17	58	—	—	—	—	58	2	—	—	—	—	2
16	7	—	—	—	7	—	181	—	—	—	181	—
15	46	—	—	—	—	46	2	—	—	—	—	2
14	42	—	—	—	1	41	364	—	—	—	361	3
13	473	—	—	—	320	153	217	—	—	—	206	11
≤ 12	2,356	3	—	1,201	1,049	103	2,216	3	—	1,201	629	383
										Total trips:		5,964

SNAKE RIVER, OR, WA AND ID

	Upbound						Downbound					
Grand Total	3,230	3	—	1,692	1,029	506	3,207	3	—	1,385	1,464	355
DOMESTIC												
Total	3,230	3	—	1,692	1,029	506	3,207	3	—	1,385	1,464	355
17	73	—	—	—	—	73	2	—	—	—	—	2
16	16	—	—	—	16	—	128	—	—	—	128	—
15	53	—	—	—	—	53	5	—	—	—	—	5
14	42	—	—	—	1	41	281	—	—	—	277	4
13	274	—	—	—	90	184	367	—	—	—	356	11
12	122	—	—	—	11	111	125	—	—	2	116	7
11	209	—	—	192	17	—	193	—	—	170	23	—
10	834	1	—	781	10	42	646	1	—	628	14	3
9	171	—	—	171	—	—	222	—	—	217	5	—
8	331	—	—	317	14	—	194	—	—	192	2	—
7	125	2	—	123	—	—	99	2	—	92	5	—
6	56	—	—	56	—	—	56	—	—	55	1	—
5	50	—	—	50	—	—	30	—	—	28	2	—
4	1	—	—	—	—	1	—	—	—	—	—	—
3	216	—	—	2	214	—	134	—	—	1	133	—
2	657	—	—	—	656	1	725	—	—	—	402	323
										Total trips:		6,437

Trips and Drafts of Vessels, 2003
(draft in feet)

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

COLUMBIA RIVER ENTRANCE, OR AND WA
Upbound

Downbound

Grand Total	2,737	1,520	111	576	267	263	2,582	1,545	114	498	223	202
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FOREIGN

Total	1,756	1,516	63	99	48	30	1,732	1,536	67	84	35	10
41	1	1	—	—	—	—	—	—	—	—	—	—
40	2	2	—	—	—	—	56	56	—	—	—	—
39	3	2	1	—	—	—	86	86	—	—	—	—
38	9	7	2	—	—	—	88	88	—	—	—	—
37	15	10	5	—	—	—	86	86	—	—	—	—
36	18	15	3	—	—	—	137	137	—	—	—	—
35	38	30	8	—	—	—	66	66	—	—	—	—
34	38	37	1	—	—	—	77	77	—	—	—	—
33	52	50	2	—	—	—	76	75	1	—	—	—
32	69	67	2	—	—	—	130	127	1	1	1	—
31	50	44	6	—	—	—	89	89	—	—	—	—
30	62	54	8	—	—	—	59	56	3	—	—	—
29	85	78	7	—	—	—	59	57	2	—	—	—
28	90	86	4	—	—	—	53	48	5	—	—	—
27	94	90	4	—	—	—	89	88	1	—	—	—
26	83	83	—	—	—	—	81	72	9	—	—	—
25	68	66	2	—	—	—	76	68	8	—	—	—
24	95	92	3	—	—	—	67	61	6	—	—	—
23	86	86	—	—	—	—	38	33	5	—	—	—
22	103	101	1	—	1	—	35	29	5	—	1	—
21	129	126	3	—	—	—	44	33	11	—	—	—
20	113	112	1	—	—	—	28	23	4	1	—	—
19	143	141	—	—	2	—	22	20	2	—	—	—
≤ 18	310	136	—	99	45	30	190	61	4	82	33	10

DOMESTIC

Total	981	4	48	477	219	233	850	9	47	414	188	192
37	10	—	10	—	—	—	—	—	—	—	—	—
36	6	—	6	—	—	—	—	—	—	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
32	3	—	3	—	—	—	1	—	1	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	3	—	3	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
27	4	—	3	—	—	1	1	—	1	—	—	—
26	14	—	—	—	—	14	1	—	1	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	11	—	—	—	—	11	14	4	—	—	—	10
22	4	—	2	—	—	2	2	—	2	—	—	—
21	9	—	—	—	1	8	2	—	2	—	—	—
20	32	—	—	21	—	11	13	—	—	13	—	—
19	20	—	1	8	—	11	8	—	—	8	—	—
≤ 18	852	4	8	448	218	174	803	5	35	393	188	182
										Total trips:		5,319

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY

Upbound

Downbound

Grand Total	32,837	18,044	111	8,950	4,453	1,279	32,802	18,063	114	8,888	4,437	1,300
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FOREIGN

Total	1,756	1,516	63	99	48	30	1,732	1,536	67	84	35	10
41	1	1	—	—	—	—	—	—	—	—	—	—
40	2	2	—	—	—	—	56	56	—	—	—	—
39	3	2	1	—	—	—	86	86	—	—	—	—
38	9	7	2	—	—	—	88	88	—	—	—	—
37	15	10	5	—	—	—	86	86	—	—	—	—
36	18	15	3	—	—	—	137	137	—	—	—	—
35	38	30	8	—	—	—	66	66	—	—	—	—
34	38	37	1	—	—	—	77	77	—	—	—	—
33	52	50	2	—	—	—	76	75	1	—	—	—
32	69	67	2	—	—	—	130	127	1	1	1	—

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY - continued												
	Upbound						Downbound					
FOREIGN												
31	50	44	6	—	—	—	89	89	—	—	—	—
30	62	54	8	—	—	—	59	56	3	—	—	—
29	85	78	7	—	—	—	59	57	2	—	—	—
28	90	86	4	—	—	—	53	48	5	—	—	—
27	94	90	4	—	—	—	89	88	1	—	—	—
26	83	83	—	—	—	—	81	72	9	—	—	—
25	68	66	2	—	—	—	76	68	8	—	—	—
24	95	92	3	—	—	—	67	61	6	—	—	—
23	86	86	—	—	—	—	38	33	5	—	—	—
22	103	101	1	—	1	—	35	29	5	—	1	—
21	129	126	3	—	—	—	44	33	11	—	—	—
20	113	112	1	—	—	—	28	23	4	1	—	—
19	143	141	—	—	2	—	22	20	2	—	—	—
18	95	86	—	1	2	6	7	5	2	—	—	—
17	34	25	—	2	5	2	3	2	1	—	—	—
16	44	7	—	23	10	4	31	7	—	22	2	—
15	36	7	—	23	4	2	27	3	1	23	—	—
14	24	5	—	11	1	7	9	1	—	7	1	—
13	37	2	—	12	15	8	6	—	—	6	—	—
12	18	1	—	11	5	1	23	—	—	16	5	2
11	7	2	—	4	1	—	2	1	—	1	—	—
10	7	—	—	7	—	—	9	—	—	5	2	2
9	7	1	—	5	1	—	3	—	—	2	—	1
8	1	—	—	—	1	—	2	1	—	—	1	—
5	—	—	—	—	—	—	3	—	—	—	3	—
4	—	—	—	—	—	—	9	—	—	—	7	2
3	—	—	—	—	—	—	55	41	—	—	11	3
2	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	31,081	16,528	48	8,851	4,405	1,249	31,070	16,527	47	8,804	4,402	1,290
37	10	—	10	—	—	—	1,000	1,000	—	—	—	—
36	6	—	6	—	—	—	1,000	1,000	—	—	—	—
35	13	—	13	—	—	—	1,000	1,000	—	—	—	—
34	1	—	1	—	—	—	1,000	1,000	—	—	—	—
32	3	—	3	—	—	—	1,001	1,000	1	—	—	—
30	1	—	1	—	—	—	1,000	1,000	—	—	—	—
29	—	—	—	—	—	—	1,003	1,000	3	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
27	4	—	3	—	—	1	71	—	1	—	—	70
26	14	—	—	—	—	14	1	—	1	—	—	—
25	1	—	—	—	—	1	104	—	—	—	104	—
24	11	—	—	—	—	11	14	4	—	—	—	10
22	4	—	2	—	—	2	2	—	2	—	—	—
21	9	—	—	—	1	8	2	—	2	—	—	—
20	33	—	—	22	—	11	13	—	—	13	—	—
19	21	—	1	9	—	11	10	—	—	10	—	—
18	29	—	3	1	2	23	427	—	—	400	19	8
17	88	—	3	12	—	73	29	—	—	11	—	18
16	49	1	2	27	7	12	275	1	35	26	202	11
15	146	—	—	62	20	64	73	—	—	48	15	10
14	274	—	—	154	37	83	617	1	—	131	474	11
13	605	—	—	159	234	212	1,204	—	—	167	895	142
12	870	—	—	451	277	142	765	—	—	464	289	12
11	1,775	—	—	1,560	187	28	1,660	—	—	1,393	244	23
10	1,813	1	—	1,690	70	52	2,181	1	—	1,983	192	5
9	1,181	—	—	932	182	67	1,228	—	—	1,031	136	61
8	1,448	—	—	976	419	53	816	—	—	709	49	58
7	1,430	3	—	1,273	129	25	1,214	2	—	1,190	12	10
6	3,277	2,200	—	1,025	20	32	991	—	—	972	3	16
5	528	3	—	455	54	16	267	2	—	231	12	22
4	136	—	—	7	109	20	236	—	—	5	176	55
3	4,945	4,318	—	35	538	54	7,858	7,318	—	20	426	94
2	12,355	10,002	—	1	2,118	234	1,808	—	—	—	1,154	654
1	1	—	—	—	1	—	2,198	2,198	—	—	—	—
Total trips:											65,639	

Trips and Drafts of Vessels, 2003
(draft in feet)

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

PORT OF LONGVIEW, WA

	Inbound						Outbound					
Grand Total	1,513	197	7	784	421	104	1,516	196	7	896	317	100

FOREIGN

Total	212	196	7	4	5	—	210	195	7	4	4	—
41	1	1	—	—	—	—	—	—	—	—	—	—
40	1	1	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	5	5	—	—	—	—
38	4	4	—	—	—	—	3	3	—	—	—	—
37	1	1	—	—	—	—	4	4	—	—	—	—
36	2	2	—	—	—	—	18	18	—	—	—	—
35	2	2	—	—	—	—	7	7	—	—	—	—
34	2	2	—	—	—	—	13	13	—	—	—	—
33	—	—	—	—	—	—	9	9	—	—	—	—
32	6	6	—	—	—	—	40	40	—	—	—	—
31	5	2	3	—	—	—	32	32	—	—	—	—
30	6	5	1	—	—	—	14	14	—	—	—	—
29	10	9	1	—	—	—	11	11	—	—	—	—
28	11	10	1	—	—	—	8	7	1	—	—	—
27	11	11	—	—	—	—	8	8	—	—	—	—
26	15	15	—	—	—	—	5	4	1	—	—	—
25	8	8	—	—	—	—	10	8	2	—	—	—
24	11	11	—	—	—	—	7	5	2	—	—	—
23	13	13	—	—	—	—	3	3	—	—	—	—
22	16	16	—	—	—	—	—	—	—	—	—	—
21	21	20	1	—	—	—	1	1	—	—	—	—
20	16	16	—	—	—	—	1	—	1	—	—	—
19	22	22	—	—	—	—	1	1	—	—	—	—
18	14	14	—	—	—	—	1	1	—	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—
16	1	—	—	—	1	—	—	—	—	—	—	—
15	1	1	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	1	—	—	1	—	—
13	2	1	—	—	1	—	—	—	—	—	—	—
≤ 12	7	—	—	4	3	—	7	—	—	3	4	—

DOMESTIC

Total	1,301	1	—	780	416	104	1,306	1	—	892	313	100
19	4	—	—	4	—	—	3	—	—	3	—	—
18	2	—	—	—	—	2	3	—	—	—	—	3
17	1	—	—	1	—	—	13	—	—	1	—	12
16	12	—	—	11	1	—	12	—	—	12	—	—
15	20	—	—	11	9	—	30	—	—	12	18	—
14	24	—	—	3	15	6	24	—	—	4	19	1
13	96	—	—	41	55	—	46	—	—	41	5	—
≤ 12	1,142	1	—	709	336	96	1,175	1	—	819	271	84
Total trips:											3,029	

PORT OF KALAMA, WA

	Inbound						Outbound					
Grand Total	1,178	142	6	780	225	25	1,209	165	5	787	228	24

FOREIGN

Total	144	142	2	—	—	—	167	165	2	—	—	—
40	1	1	—	—	—	—	34	34	—	—	—	—
39	1	1	—	—	—	—	30	30	—	—	—	—
38	—	—	—	—	—	—	13	13	—	—	—	—
37	2	2	—	—	—	—	12	12	—	—	—	—
36	1	1	—	—	—	—	13	13	—	—	—	—
35	3	3	—	—	—	—	11	11	—	—	—	—
34	—	—	—	—	—	—	11	11	—	—	—	—
33	1	1	—	—	—	—	7	7	—	—	—	—
32	2	2	—	—	—	—	9	9	—	—	—	—
31	—	—	—	—	—	—	8	8	—	—	—	—
30	1	—	1	—	—	—	5	5	—	—	—	—
29	2	1	1	—	—	—	2	2	—	—	—	—
28	1	1	—	—	—	—	2	1	1	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

PORT OF KALAMA, WA - continued

	Inbound						Outbound					
FOREIGN												
27	2	2	—	—	—	—	—	—	—	—	—	—
26	4	4	—	—	—	—	2	1	1	—	—	—
25	4	4	—	—	—	—	1	1	—	—	—	—
24	11	11	—	—	—	—	2	2	—	—	—	—
23	20	20	—	—	—	—	3	3	—	—	—	—
22	17	17	—	—	—	—	—	—	—	—	—	—
21	23	23	—	—	—	—	—	—	—	—	—	—
20	16	16	—	—	—	—	1	1	—	—	—	—
19	15	15	—	—	—	—	—	—	—	—	—	—
≤ 18	17	17	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	1,034	—	4	780	225	25	1,042	—	3	787	228	24
32	2	—	2	—	—	—	1	—	1	—	—	—
22	2	—	2	—	—	—	2	—	2	—	—	—
≤ 18	1,030	—	—	780	225	25	1,039	—	—	787	228	24
Total trips:											2,387	

MULTNOMAH CHANNEL, OR

	Upbound						Downbound					
Grand Total	1,171	—	—	502	667	2	1,196	—	—	502	667	27
DOMESTIC												
Total	1,171	—	—	502	667	2	1,196	—	—	502	667	27
14	2	—	—	2	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	3	—	—	2	1	—
11	53	—	—	11	42	—	40	—	—	39	1	—
10	1	—	—	1	—	—	11	—	—	10	1	—
9	35	—	—	1	34	—	149	—	—	8	141	—
8	233	—	—	153	80	—	176	—	—	145	30	1
7	162	—	—	100	62	—	84	—	—	35	49	—
6	54	—	—	54	—	—	94	—	—	94	—	—
5	367	—	—	180	187	—	169	—	—	169	—	—
4	112	—	—	—	112	—	102	—	—	—	102	—
3	108	—	—	—	108	—	261	—	—	—	261	—
2	44	—	—	—	42	2	107	—	—	—	81	26
Total trips:											2,367	

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

	Upbound						Downbound					
Grand Total	1,973	385	1	1,100	436	51	1,961	382	1	1,097	436	45
FOREIGN												
Total	386	385	1	—	—	—	383	382	1	—	—	—
40	—	—	—	—	—	—	2	2	—	—	—	—
39	1	1	—	—	—	—	14	14	—	—	—	—
38	—	—	—	—	—	—	38	38	—	—	—	—
37	6	6	—	—	—	—	40	40	—	—	—	—
36	11	11	—	—	—	—	46	46	—	—	—	—
35	21	21	—	—	—	—	8	8	—	—	—	—
34	33	33	—	—	—	—	9	9	—	—	—	—
33	44	44	—	—	—	—	9	9	—	—	—	—
32	42	42	—	—	—	—	15	15	—	—	—	—
31	23	23	—	—	—	—	5	5	—	—	—	—
30	18	18	—	—	—	—	6	6	—	—	—	—
29	18	18	—	—	—	—	12	12	—	—	—	—
28	32	32	—	—	—	—	16	16	—	—	—	—
27	34	34	—	—	—	—	24	24	—	—	—	—
26	30	30	—	—	—	—	30	30	—	—	—	—
25	28	28	—	—	—	—	36	36	—	—	—	—
24	22	22	—	—	—	—	31	31	—	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR - continued

Upbound

Downbound

FOREIGN

23	3	3	—	—	—	—	9	9	—	—	—	—
22	7	6	1	—	—	—	12	12	—	—	—	—
21	9	9	—	—	—	—	14	14	—	—	—	—
20	4	4	—	—	—	—	7	6	1	—	—	—

DOMESTIC

Total	1,587	—	—	1,100	436	51	1,578	—	—	1,097	436	45
16	20	—	—	—	20	—	2	—	—	—	2	—
14	15	—	—	15	—	—	21	—	—	21	—	—
13	58	—	—	—	58	—	28	—	—	—	28	—
12	178	—	—	149	29	—	154	—	—	153	1	—
11	282	—	—	208	67	7	225	—	—	224	1	—
10	299	—	—	229	70	—	222	—	—	222	—	—
9	346	—	—	284	45	17	354	—	—	270	81	3
8	34	—	—	17	4	13	17	—	—	17	—	—
7	88	—	—	81	3	4	74	—	—	74	—	—
6	129	—	—	113	14	2	115	—	—	114	—	1
5	44	—	—	3	40	1	2	—	—	2	—	—
4	40	—	—	1	38	1	40	—	—	—	40	—
3	11	—	—	—	9	2	15	—	—	—	12	3
2	43	—	—	—	39	4	309	—	—	—	271	38
Total trips:											3,934	

PORT OF VANCOUVER, WA

Inbound

Outbound

Grand Total	4,414	198	18	2,691	1,246	261	4,439	218	19	2,741	1,206	255
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FOREIGN

Total	239	194	18	13	14	—	264	216	19	15	11	3
40	—	—	—	—	—	—	3	3	—	—	—	—
39	—	—	—	—	—	—	14	14	—	—	—	—
38	2	2	—	—	—	—	11	11	—	—	—	—
37	1	—	1	—	—	—	10	10	—	—	—	—
36	1	—	1	—	—	—	16	16	—	—	—	—
35	3	—	3	—	—	—	14	14	—	—	—	—
34	2	1	1	—	—	—	14	14	—	—	—	—
33	2	1	1	—	—	—	14	13	1	—	—	—
32	1	1	—	—	—	—	16	15	1	—	—	—
31	5	3	2	—	—	—	14	14	—	—	—	—
30	4	4	—	—	—	—	7	5	2	—	—	—
29	13	10	3	—	—	—	1	—	1	—	—	—
28	9	8	1	—	—	—	6	6	—	—	—	—
27	18	14	4	—	—	—	13	13	—	—	—	—
26	11	11	—	—	—	—	13	12	1	—	—	—
25	11	10	1	—	—	—	13	7	6	—	—	—
24	17	17	—	—	—	—	9	8	1	—	—	—
23	9	9	—	—	—	—	9	8	1	—	—	—
22	13	13	—	—	—	—	11	9	2	—	—	—
21	19	19	—	—	—	—	7	5	2	—	—	—
20	22	22	—	—	—	—	5	5	—	—	—	—
19	27	27	—	—	—	—	8	8	—	—	—	—
≤ 18	49	22	—	13	14	—	36	6	1	15	11	3

DOMESTIC

Total	4,175	4	—	2,678	1,232	261	4,175	2	—	2,726	1,195	252
21	1	—	—	—	—	1	—	—	—	—	—	—
20	5	—	—	2	—	3	2	—	—	2	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	4,168	4	—	2,676	1,232	256	4,173	2	—	2,724	1,195	252
Total trips:											8,853	

Trips and Drafts of Vessels, 2003
(draft in feet)

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

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Upbound

	Upbound						Downbound					
Grand Total	4,522	3	---	1,540	2,521	458	4,522	3	---	1,540	2,521	458
DOMESTIC												
Total	4,522	3	---	1,540	2,521	458	4,522	3	---	1,540	2,521	458
17	58	---	---	---	---	58	2	---	---	---	---	2
16	3	---	---	---	3	---	186	---	---	---	186	---
15	48	---	---	---	---	48	2	---	---	---	---	2
14	59	---	---	---	2	57	415	---	---	1	414	---
13	240	---	---	---	116	124	821	---	---	---	762	59
12	330	---	---	38	178	114	310	---	---	39	270	1
11	211	---	---	204	7	---	270	---	---	173	97	---
10	409	1	---	354	11	43	484	1	---	340	141	2
9	275	---	---	233	39	3	382	---	---	247	135	---
8	349	---	---	293	56	---	315	---	---	273	42	---
7	229	2	---	220	5	2	241	2	---	227	12	---
≤ 6	2,311	---	---	198	2,104	9	1,094	---	---	240	462	392
											Total trips:	9,044

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO McNARY LOCK AND DAM, OR AND WA
Upbound

	Upbound						Downbound					
Grand Total	3,786	3	---	1,059	2,251	473	3,785	3	---	1,058	2,251	473
DOMESTIC												
Total	3,786	3	---	1,059	2,251	473	3,785	3	---	1,058	2,251	473
17	58	---	---	---	---	58	2	---	---	---	---	2
16	5	---	---	---	5	---	185	---	---	---	185	---
15	52	---	---	---	---	52	3	---	---	---	---	3
14	61	---	---	---	1	60	403	---	---	---	400	3
13	205	---	---	---	77	128	843	---	---	---	770	73
12	289	---	---	9	155	125	290	---	---	19	265	6
11	107	---	---	103	4	---	230	---	---	159	71	---
10	346	1	---	292	6	47	377	1	---	259	114	3
9	187	---	---	181	6	---	314	---	---	182	132	---
8	236	---	---	234	2	---	292	---	---	287	5	---
7	157	2	---	154	1	---	99	2	---	90	7	---
6	26	---	---	26	---	---	31	---	---	29	2	---
5	60	---	---	60	---	---	35	---	---	33	2	---
4	354	---	---	---	353	1	7	---	---	---	7	---
3	302	---	---	---	300	2	99	---	---	---	99	---
2	1,341	---	---	---	1,341	---	575	---	---	---	192	383
											Total trips:	7,571

PORT OF PORTLAND, OR

	Inbound						Outbound					
Grand Total	13,234	958	80	8,166	2,648	1,382	13,181	948	83	8,007	2,696	1,447
FOREIGN												
Total	1,080	956	36	36	22	30	1,023	939	39	22	17	6
40	---	---	---	---	---	---	19	19	---	---	---	---
39	2	1	1	---	---	---	37	37	---	---	---	---
38	3	1	2	---	---	---	61	61	---	---	---	---
37	11	7	4	---	---	---	60	60	---	---	---	---
36	14	12	2	---	---	---	90	90	---	---	---	---
35	30	25	5	---	---	---	34	34	---	---	---	---
34	34	34	---	---	---	---	39	39	---	---	---	---
33	49	48	1	---	---	---	46	46	---	---	---	---
32	60	58	2	---	---	---	64	62	---	1	1	---
31	39	38	1	---	---	---	35	35	---	---	---	---
30	50	44	6	---	---	---	31	30	1	---	---	---
29	60	58	2	---	---	---	45	44	1	---	---	---
28	69	67	2	---	---	---	37	34	3	---	---	---
27	63	63	---	---	---	---	68	67	1	---	---	---

Trips and Drafts of Vessels, 2003
(draft in feet)

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

PORT OF PORTLAND, OR - continued

	Inbound						Outbound					
FOREIGN												
26	51	51	—	—	—	—	59	53	6	—	—	—
25	43	42	1	—	—	—	50	50	—	—	—	—
24	46	43	3	—	—	—	42	39	3	—	—	—
23	42	42	—	—	—	—	22	18	4	—	—	—
22	53	52	1	—	—	—	22	19	3	—	—	—
21	65	63	2	—	—	—	36	27	9	—	—	—
20	57	56	1	—	—	—	20	16	3	1	—	—
19	78	76	—	—	—	2	12	10	2	—	—	—
≤ 18	161	75	—	36	20	30	94	49	3	20	16	6
DOMESTIC												
Total	12,154	2	44	8,130	2,626	1,352	12,158	9	44	7,985	2,679	1,441
37	10	—	10	—	—	—	—	—	—	—	—	—
36	7	—	7	—	—	—	—	—	—	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	3	—	3	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
27	3	—	2	—	—	1	1	—	1	—	—	—
26	14	—	—	—	—	14	1	—	1	—	—	—
25	1	—	—	—	—	—	—	—	—	—	—	—
24	12	—	—	—	—	12	15	4	—	—	—	11
22	2	—	—	—	—	2	—	—	—	—	—	—
21	8	—	—	—	1	7	2	—	2	—	—	—
20	29	—	—	21	—	8	13	—	—	13	—	—
19	15	—	1	4	—	10	4	—	—	4	—	—
≤ 18	12,036	2	7	8,105	2,625	1,297	12,117	5	35	7,968	2,679	1,430
										Total trips:		26,415

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

	Upbound						Downbound					
Grand Total	2,039	—	—	1,024	1,015	—	2,037	—	—	1,022	1,015	—
DOMESTIC												
Total	2,039	—	—	1,024	1,015	—	2,037	—	—	1,022	1,015	—
13	157	—	—	—	157	—	2	—	—	—	2	—
12	40	—	—	1	39	—	1	—	—	1	—	—
11	—	—	—	—	—	—	14	—	—	—	14	—
10	2	—	—	2	—	—	20	—	—	—	20	—
9	—	—	—	—	—	—	1	—	—	—	1	—
8	—	—	—	—	—	—	1	—	—	1	—	—
7	198	—	—	198	—	—	234	—	—	197	37	—
6	797	—	—	797	—	—	964	—	—	797	167	—
5	2	—	—	2	—	—	290	—	—	2	288	—
4	181	—	—	23	158	—	361	—	—	23	338	—
3	1	—	—	1	—	—	1	—	—	1	—	—
2	661	—	—	—	661	—	148	—	—	—	148	—
										Total trips:		4,076

COOS BAY, OR

	Inbound						Outbound					
Grand Total	864	55	—	662	118	29	882	55	—	667	129	31
FOREIGN												
Total	103	55	—	24	24	—	95	55	—	21	19	—
36	1	1	—	—	—	—	1	1	—	—	—	—
35	—	—	—	—	—	—	9	9	—	—	—	—
34	2	2	—	—	—	—	4	4	—	—	—	—
33	1	1	—	—	—	—	10	10	—	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

COOS BAY, OR - continued

	Inbound						Outbound					
FOREIGN												
32	3	3	—	—	—	—	15	15	—	—	—	—
31	1	1	—	—	—	—	7	7	—	—	—	—
30	1	1	—	—	—	—	4	4	—	—	—	—
29	4	4	—	—	—	—	3	3	—	—	—	—
28	5	5	—	—	—	—	1	1	—	—	—	—
27	3	3	—	—	—	—	—	—	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—
25	6	5	—	—	1	—	1	1	—	—	—	—
24	7	7	—	—	—	—	—	—	—	—	—	—
23	12	6	—	—	6	—	—	—	—	—	—	—
22	9	3	—	—	6	—	—	—	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	—	—	—	—	—	—
19	2	2	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	1	—	—	—	1	—
17	1	—	—	—	1	—	—	—	—	—	—	—
16	6	—	—	2	4	—	3	—	—	2	1	—
15	3	—	—	3	—	—	4	—	—	2	2	—
14	19	1	—	15	3	—	16	—	—	13	3	—
13	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	7	—	—	4	3	—	16	—	—	4	12	—
Total	761	—	—	638	94	29	787	—	—	646	110	31
19	13	—	—	13	—	—	11	—	—	11	—	—
18	1	—	—	—	1	—	—	—	—	—	—	—
17	1	—	—	1	—	—	3	—	—	3	—	—
16	17	—	—	17	—	—	14	—	—	14	—	—
15	18	—	—	16	2	—	22	—	—	15	7	—
14	7	—	—	3	4	—	37	—	—	1	19	17
13	60	—	—	59	1	—	54	—	—	48	6	—
≤ 12	644	—	—	529	86	29	646	—	—	554	78	14
										Total trips:		1,746

COLUMBIA RIVER SYSTEM

	Upbound						Downbound					
Grand Total	29,210	8,844	111	12,880	5,716	1,659	29,085	8,864	114	12,865	5,703	1,539
FOREIGN												
Total	1,756	1,516	63	99	48	30	1,732	1,536	67	84	35	10
41	1	1	—	—	—	—	—	—	—	—	—	—
40	2	2	—	—	—	—	56	56	—	—	—	—
39	3	2	1	—	—	—	86	86	—	—	—	—
38	9	7	2	—	—	—	88	88	—	—	—	—
37	15	10	5	—	—	—	86	86	—	—	—	—
36	18	15	3	—	—	—	137	137	—	—	—	—
35	38	30	8	—	—	—	66	66	—	—	—	—
34	38	37	1	—	—	—	77	77	—	—	—	—
33	52	50	2	—	—	—	76	75	1	—	—	—
32	69	67	2	—	—	—	130	127	1	1	1	—
31	50	44	6	—	—	—	89	89	—	—	—	—
30	62	54	8	—	—	—	59	56	3	—	—	—
29	85	78	7	—	—	—	59	57	2	—	—	—
28	90	86	4	—	—	—	53	48	5	—	—	—
27	94	90	4	—	—	—	89	88	1	—	—	—
26	83	83	—	—	—	—	81	72	9	—	—	—
25	68	66	2	—	—	—	76	68	8	—	—	—
24	95	92	3	—	—	—	67	61	6	—	—	—
23	86	86	—	—	—	—	38	33	5	—	—	—
22	103	101	1	—	1	—	35	29	5	—	1	—
21	129	126	3	—	—	—	44	33	11	—	—	—
20	113	112	1	—	—	—	28	23	4	1	—	—
19	143	141	—	—	2	—	22	20	2	—	—	—
18	95	86	—	1	2	6	7	5	2	—	—	—
17	34	25	—	2	5	2	3	2	1	—	—	—
16	44	7	—	23	10	4	31	7	—	22	2	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

COLUMBIA RIVER SYSTEM - continued

Upbound

Downbound

FOREIGN

15	36	7	—	23	4	2	27	3	1	23	—	—
14	24	5	—	11	1	7	9	1	—	7	1	—
13	37	2	—	12	15	8	6	—	—	6	—	—
12	18	1	—	11	5	1	23	—	—	16	5	2
11	7	2	—	4	1	—	2	1	—	1	—	—
10	7	—	—	7	—	—	9	—	—	5	2	2
9	7	1	—	5	1	—	3	—	—	2	—	1
8	1	—	—	—	1	—	2	1	—	—	1	—
5	—	—	—	—	—	—	3	—	—	—	3	—
4	—	—	—	—	—	—	9	—	—	—	7	2
3	—	—	—	—	—	—	55	41	—	—	11	3
2	—	—	—	—	—	—	1	—	—	—	1	—

DOMESTIC

Total	27,454	7,328	48	12,781	5,668	1,629	27,353	7,328	47	12,781	5,668	1,529
37	10	—	10	—	—	—	1,000	1,000	—	—	—	—
36	7	—	7	—	—	—	1,000	1,000	—	—	—	—
35	13	—	13	—	—	—	1,000	1,000	—	—	—	—
34	1	—	1	—	—	—	1,000	1,000	—	—	—	—
32	3	—	3	—	—	—	1,001	1,000	1	—	—	—
30	1	—	1	—	—	—	1,000	1,000	—	—	—	—
29	1	—	1	—	—	—	1,003	—	3	1,000	—	—
28	—	—	—	—	—	—	1,002	—	2	1,000	—	—
27	3	—	2	—	—	1	1,001	—	1	1,000	—	—
26	14	—	—	—	—	14	1,001	—	1	1,000	—	—
25	1	—	—	—	—	1	1,000	—	—	1,000	—	—
24	13	—	—	—	—	13	1,014	4	—	1,000	—	10
22	4	—	2	—	—	2	790	—	2	788	—	—
21	9	—	—	—	1	8	1,058	—	2	—	1,056	—
20	37	—	—	26	—	11	13	—	—	13	—	—
19	21	—	1	9	—	11	571	—	—	10	—	561
18	40	—	3	1	2	34	1,025	—	—	—	1,019	6
17	111	—	3	13	—	95	528	—	—	11	—	517
16	198	1	1	29	153	14	142	1	35	26	71	9
15	177	—	—	63	20	94	68	—	—	48	15	5
14	858	—	—	408	349	101	255	1	—	53	190	11
13	1,127	—	—	172	799	156	605	—	—	166	428	11
12	1,903	—	—	1,255	449	199	319	—	—	193	120	6
11	2,682	—	—	2,272	347	63	844	—	—	729	95	20
10	2,083	1	—	1,843	174	65	1,575	1	—	1,464	108	2
9	2,121	—	—	1,705	312	104	508	—	—	446	6	56
8	1,949	—	—	1,419	434	96	659	—	—	558	43	58
7	1,636	3	—	1,471	135	27	785	2	—	733	40	10
6	1,508	—	—	1,454	20	34	1,312	—	—	1,141	156	15
5	643	5	—	555	54	29	649	1	—	366	260	22
4	444	—	—	34	372	38	445	—	—	22	370	53
3	8,208	7,318	—	51	755	84	714	—	—	14	621	79
2	1,626	—	—	1	1,291	334	1,148	—	—	—	1,070	78
1	2	—	—	—	1	1	1,318	1,318	—	—	—	—
Total trips:											58,295	

ALSEA BAY AND RIVER, OR
No Vessel Trips Reported

CHETCO RIVER, OR
No Vessel Trips Reported

CHINOOK CHANNEL, WA
(12 feet and less)

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	—	—	—	—	—	—	2	—	—	2	—	—
Total trips:											2	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CLATSKANIE RIVER, OR No Vessel Trips Reported												
COLUMBIA RIVER AT BAKERS BAY, WA No Vessel Trips Reported												
COLUMBIA SLOUGH, OR No Vessel Trips Reported												
COOS AND MILLICOMA RIVERS, OR No Vessel Trips Reported												
COQUILLE RIVER, OR No Vessel Trips Reported												
COWLITZ RIVER, WA (5 feet and less)												
				Upbound							Downbound	
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	1	---
												2
DEEP RIVER, WA (7 feet and less)												
				Upbound							Downbound	
Grand Total	---	---	---	---	---	---	2	---	---	2	---	---
										Total trips:	2	---
												2
DEPOE BAY, OR No Vessel Trips Reported												
ELOKOMIN SLOUGH, WA No Vessel Trips Reported												
GRAYS RIVER, WA No Vessel Trips Reported												
LAKE RIVER, WA No Vessel Trips Reported												
LEWIS RIVER, WA No Vessel Trips Reported												
PORT OF ASTORIA, OR (32 feet and less)												
				Inbound							Outbound	
Grand Total	328	28	---	261	14	25	279	22	---	223	11	23
										Total trips:	11	607
												23
PORT OF ST. HELENS, OR (12 feet and less)												
				Inbound							Outbound	
Grand Total	36	---	---	25	11	---	10	---	---	---	10	---
										Total trips:	10	---
												46

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT ORFORD, OR (10 feet and less)												
				Inbound						Outbound		
Grand Total	---	---	---	---	---	---	2	---	---	2	---	---
										Total trips:	---	2
ROGUE RIVER, OR No Vessel Trips Reported												
SIUSLAW RIVER, OR (4 feet and less)												
				Upbound						Downbound		
Grand Total	135	---	---	135	---	---	27	---	---	27	---	---
										Total trips:	---	162
SKAMOKAWA (STEAMBOAT) SLOUGH, WA (11 feet and less)												
				Upbound						Downbound		
Grand Total	4	---	---	2	---	2	5	---	---	5	---	---
										Total trips:	---	9
SKAMOKAWA CREEK, WA No Vessel Trips Reported												
SKIPANON CHANNEL, OR (13 feet and less)												
				Upbound						Downbound		
Grand Total	94	---	---	42	52	---	160	---	---	52	108	---
										Total trips:	---	254
SMITH RIVER, OR No Vessel Trips Reported												
TILLAMOOK BAY AND BAR, OR No Vessel Trips Reported												
UMPQUA RIVER, OR (17 feet and less)												
				Upbound						Downbound		
Grand Total	11	---	---	11	---	---	6	---	---	6	---	---
										Total trips:	---	17
WESTPORT SLOUGH, OR (3 feet and less)												
				Upbound						Downbound		
Grand Total	7,318	7,318	---	---	---	---	7,318	7,318	---	---	---	---
										Total trips:	---	14,636
YAQUINA BAY AND HARBOR, OR No Vessel Trips Reported												
YAQUINA RIVER, OR No Vessel Trips Reported												
YOUNGS BAY AND YOUNGS RIVER, OR (11 feet and less)												
				Upbound						Downbound		
Grand Total	2	---	---	2	---	---	3	---	---	3	---	---
										Total trips:	5	---

Trips and Drafts of Vessels, 2003
(draft in feet)

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

GRAYS HARBOR AND CHEHALIS RIVER, WA
Inbound

Outbound

Grand Total	1,533	30	---	767	726	10	1,647	30	---	823	784	10
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FOREIGN

Total	123	30	---	45	48	---	146	30	---	57	59	---
39	1	1	---	---	---	---	---	---	---	---	---	---
35	---	---	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	3	3	---	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	1	1	---	---	---	---	6	6	---	---	---	---
31	---	---	---	---	---	---	2	2	---	---	---	---
28	---	---	---	---	---	---	1	1	---	---	---	---
27	2	2	---	---	---	---	4	4	---	---	---	---
26	1	1	---	---	---	---	---	---	---	---	---	---
25	1	1	---	---	---	---	1	1	---	---	---	---
24	2	2	---	---	---	---	2	2	---	---	---	---
23	2	2	---	---	---	---	1	1	---	---	---	---
22	4	3	---	---	1	---	1	1	---	---	---	---
21	2	2	---	---	---	---	3	3	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
19	7	7	---	---	---	---	---	---	---	---	---	---
18	7	4	---	---	---	---	---	---	---	---	---	---
17	8	---	---	---	3	---	2	1	---	---	1	---
16	32	1	---	10	8	---	7	---	2	2	5	---
15	8	---	---	5	3	---	11	---	---	7	4	---
14	16	1	---	11	4	---	9	---	---	7	2	---
13	8	---	---	6	2	---	15	---	---	6	9	---
≤ 12	20	1	---	13	6	---	63	1	---	26	36	---

DOMESTIC

Total	1,410	---	---	722	678	10	1,501	---	---	766	725	10
19	4	---	---	4	---	---	---	---	---	4	---	---
16	11	---	---	11	---	---	50	---	---	27	23	---
15	4	---	---	4	---	---	14	---	---	4	10	---
14	---	---	---	---	---	---	13	---	---	---	7	6
13	41	---	---	41	---	---	75	---	---	60	15	---
≤ 12	1,350	---	---	662	678	10	1,345	---	---	671	670	4

Total trips: 3,180

PORT ANGELES HARBOR, WA

Inbound

Outbound

Grand Total	618	73	54	366	57	68	623	75	43	387	55	63
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FOREIGN

Total	151	73	17	25	29	7	149	75	5	28	31	10
50	1	---	1	---	---	---	---	---	---	---	---	---
49	1	---	1	---	---	---	---	---	---	---	---	---
41	2	---	2	---	---	---	---	---	---	---	---	---
38	---	---	---	---	---	---	1	---	1	---	---	---
37	1	---	1	---	---	---	---	---	---	---	---	---
36	1	---	1	---	---	---	---	---	---	---	---	---
35	1	---	1	---	---	---	2	2	---	---	---	---
33	1	1	---	---	---	---	1	1	---	---	---	---
32	2	1	1	---	---	---	6	5	1	---	---	---
30	2	1	1	---	---	---	1	1	---	---	---	---
29	2	---	2	---	---	---	---	---	---	---	---	---
28	2	1	1	---	---	---	1	1	---	---	---	---
26	4	---	2	---	---	2	1	1	---	---	---	---
25	1	---	1	---	---	---	1	---	1	---	---	---
24	2	---	2	---	---	---	1	1	---	---	---	---
23	1	1	---	---	---	---	---	---	---	---	---	---
22	1	1	---	---	---	---	1	---	1	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
≤ 18	125	66	---	25	29	5	133	63	1	28	31	10

Trips and Drafts of Vessels, 2003
(draft in feet)

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

PORT ANGELES HARBOR, WA - continued
Inbound

Outbound

DOMESTIC

Total	467	---	37	341	28	61	474	---	38	359	24	53
53	2	---	2	---	---	---	---	---	---	---	---	---
51	1	---	1	---	---	---	---	---	---	---	---	---
50	---	---	---	---	---	---	1	---	1	---	---	---
48	1	---	1	---	---	---	---	---	---	---	---	---
39	1	---	1	---	---	---	---	---	---	---	---	---
36	1	---	1	---	---	---	---	---	---	---	---	---
35	---	---	---	---	---	---	2	---	2	---	---	---
34	1	---	1	---	---	---	---	---	---	---	---	---
25	1	---	1	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	1	---	1	---	---	---
22	43	---	---	43	---	---	48	---	3	45	---	---
20	64	---	---	64	---	---	61	---	---	61	---	---
19	21	---	---	16	---	5	17	---	---	17	---	---
≤ 18	331	---	29	218	28	56	344	---	31	236	24	53
										Total trips:		1,241

HAMMERSLEY INLET, WA

Upbound

Downbound

Grand Total	304	---	---	101	203	---	293	---	---	97	196	---
DOMESTIC												
Total	304	---	---	101	203	---	293	---	---	97	196	---
12	---	---	---	---	---	---	4	---	---	---	4	---
10	42	---	---	42	---	---	39	---	---	39	---	---
9	2	---	---	2	---	---	2	---	---	2	---	---
8	39	---	---	39	---	---	53	---	---	40	13	---
7	3	---	---	3	---	---	33	---	---	3	30	---
≤ 6	218	---	---	15	203	---	162	---	---	13	149	---
										Total trips:		597

OLYMPIA HARBOR, WA

Inbound

Outbound

Grand Total	219	25	---	159	34	1	228	22	---	162	43	1
FOREIGN												
Total	47	25	---	11	11	---	42	22	---	10	10	---
34	2	2	---	---	---	---	---	---	---	---	---	---
33	---	---	---	---	---	---	3	3	---	---	---	---
32	---	---	---	---	---	---	4	4	---	---	---	---
30	1	1	---	---	---	---	---	---	---	---	---	---
29	1	1	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	1	1	---	---	---	---
26	3	3	---	---	---	---	3	3	---	---	---	---
25	2	2	---	---	---	---	2	2	---	---	---	---
24	2	2	---	---	---	---	1	1	---	---	---	---
23	2	2	---	---	---	---	2	2	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	2	2	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
19	3	3	---	---	---	---	2	2	---	---	---	---
≤ 18	29	7	---	11	11	---	21	1	---	10	10	---
DOMESTIC												
Total	172	---	---	148	23	1	186	---	---	152	33	1
≤ 18	172	---	---	148	23	1	186	---	---	152	33	1
										Total trips:		447

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
TACOMA HARBOR, WA													
			Inbound						Outbound				
Grand Total	12,656	7,214	140	2,748	1,618	936	12,732	7,252	140	2,729	1,688	923	
FOREIGN													
Total	1,543	778	36	359	360	10	1,594	776	36	377	376	29	
42	51	51	—	—	—	—	56	56	—	—	—	—	
41	3	3	—	—	—	—	11	11	—	—	—	—	
40	9	9	—	—	—	—	44	44	—	—	—	—	
39	8	8	—	—	—	—	7	7	—	—	—	—	
38	65	65	—	—	—	—	118	118	—	—	—	—	
37	12	12	—	—	—	—	19	19	—	—	—	—	
36	55	55	—	—	—	—	23	23	—	—	—	—	
35	34	34	—	—	—	—	50	50	—	—	—	—	
34	51	51	—	—	—	—	52	52	—	—	—	—	
33	42	42	—	—	—	—	41	40	1	—	—	—	
32	28	28	—	—	—	—	48	47	1	—	—	—	
31	10	8	2	—	—	—	22	20	2	—	—	—	
30	28	26	2	—	—	—	20	20	—	—	—	—	
29	15	15	—	—	—	—	7	7	—	—	—	—	
28	29	26	3	—	—	—	21	17	4	—	—	—	
27	23	22	1	—	—	—	19	15	4	—	—	—	
26	68	65	3	—	—	—	56	52	4	—	—	—	
25	45	41	4	—	—	—	40	39	1	—	—	—	
24	34	27	7	—	—	—	39	31	6	—	2	—	
23	30	27	3	—	—	—	23	20	3	—	—	—	
22	48	47	1	—	—	—	13	10	3	—	—	—	
21	27	21	6	—	—	—	8	7	1	—	—	—	
20	14	14	—	—	—	—	8	6	1	—	1	—	
19	9	7	2	—	—	—	7	3	4	—	—	—	
18	14	11	1	—	2	—	7	4	—	—	2	1	
17	5	2	—	—	3	—	1	—	—	—	1	—	
16	12	3	—	3	6	—	10	1	1	7	—	1	
15	3	1	—	1	1	—	13	3	—	4	5	1	
14	123	19	—	85	19	—	92	36	—	20	36	—	
13	64	—	1	5	52	6	29	—	—	5	14	10	
≤ 12	584	38	—	265	277	4	690	18	—	341	315	16	
DOMESTIC													
Total	11,113	6,436	104	2,389	1,258	926	11,138	6,476	104	2,352	1,312	894	
47	1	—	1	—	—	—	—	—	—	—	—	—	
46	1	—	1	—	—	—	—	—	—	—	—	—	
43	1	—	1	—	—	—	—	—	—	—	—	—	
42	3	—	3	—	—	—	—	—	—	—	—	—	
41	2	—	2	—	—	—	—	—	—	—	—	—	
40	2	—	2	—	—	—	—	—	—	—	—	—	
39	1	—	1	—	—	—	—	—	—	—	—	—	
38	2	—	2	—	—	—	—	—	—	—	—	—	
37	3	—	3	—	—	—	1	—	1	—	—	—	
36	2	—	2	—	—	—	—	—	—	—	—	—	
35	7	1	6	—	—	—	—	—	—	—	—	—	
34	3	—	3	—	—	—	—	—	—	—	—	—	
33	1	—	1	—	—	—	—	—	—	—	—	—	
32	46	42	4	—	—	—	41	41	—	—	—	—	
31	1	—	1	—	—	—	—	—	—	—	—	—	
30	2	—	2	—	—	—	—	—	—	—	—	—	
29	1	—	1	—	—	—	—	—	—	—	—	—	
28	77	77	—	—	—	—	81	78	3	—	—	—	
27	—	—	—	—	—	—	4	2	2	—	—	—	
26	—	—	—	—	—	—	1	—	—	—	—	1	
25	18	18	—	—	—	—	26	19	7	—	—	—	
24	4	—	—	—	—	4	23	2	—	—	—	21	
23	1	1	—	—	—	—	20	20	—	—	—	—	
22	8	—	—	7	—	1	42	37	—	5	—	—	
21	7	3	3	—	—	1	37	35	—	—	—	2	
20	23	4	—	18	—	1	22	6	—	16	—	—	
19	9	7	—	—	—	2	6	2	—	2	2	—	
18	75	26	—	44	—	5	73	14	—	58	—	1	
17	249	56	—	186	—	7	194	12	—	178	—	4	
16	57	7	—	41	—	9	97	8	—	78	—	11	
15	137	5	1	117	5	9	125	3	1	116	1	4	
14	156	3	—	121	7	25	162	10	—	138	6	8	
13	157	—	—	116	1	40	90	—	—	77	2	11	
≤ 12	10,056	6,186	64	1,739	1,245	822	10,093	6,187	90	1,684	1,301	831	
										Total trips:		25,388	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SEATTLE HARBOR, WA												
	Inbound						Outbound					
Grand Total	42,769	37,177	136	2,848	1,663	945	44,193	38,560	139	2,848	1,670	976
FOREIGN												
Total	1,951	1,012	6	511	410	12	2,009	1,029	6	528	418	28
46	2	2	—	—	—	—	1	1	—	—	—	—
45	3	3	—	—	—	—	1	1	—	—	—	—
44	—	—	—	—	—	—	2	2	—	—	—	—
43	2	2	—	—	—	—	3	3	—	—	—	—
42	7	7	—	—	—	—	11	11	—	—	—	—
41	19	19	—	—	—	—	19	19	—	—	—	—
40	18	18	—	—	—	—	71	71	—	—	—	—
39	21	20	1	—	—	—	27	27	—	—	—	—
38	42	42	—	—	—	—	62	62	—	—	—	—
37	39	38	1	—	—	—	50	50	—	—	—	—
36	80	80	—	—	—	—	77	77	—	—	—	—
35	54	54	—	—	—	—	52	52	—	—	—	—
34	79	79	—	—	—	—	77	77	—	—	—	—
33	61	61	—	—	—	—	40	40	—	—	—	—
32	85	84	1	—	—	—	101	101	—	—	—	—
31	43	42	1	—	—	—	22	21	1	—	—	—
30	58	58	—	—	—	—	47	47	—	—	—	—
29	39	39	—	—	—	—	22	21	1	—	—	—
28	32	32	—	—	—	—	33	32	1	—	—	—
27	65	64	1	—	—	—	54	54	—	—	—	—
26	48	48	—	—	—	—	45	43	2	—	—	—
25	25	25	—	—	—	—	6	6	—	—	—	—
24	42	42	—	—	—	—	66	65	1	—	—	—
23	10	10	—	—	—	—	14	14	—	—	—	—
22	38	38	—	—	—	—	14	14	—	—	—	—
21	6	4	1	—	1	—	5	4	—	—	1	—
20	3	3	—	—	—	—	1	1	—	—	—	—
19	6	3	—	—	3	—	1	1	—	—	—	—
≤ 18	1,024	95	—	511	406	12	1,085	112	—	528	417	28
DOMESTIC												
Total	40,818	36,165	130	2,337	1,253	933	42,184	37,531	133	2,320	1,252	948
37	—	—	—	—	—	—	1	1	—	—	—	—
35	1	1	—	—	—	—	13	13	—	—	—	—
34	—	—	—	—	—	—	16	16	—	—	—	—
33	—	—	—	—	—	—	14	14	—	—	—	—
32	—	—	—	—	—	—	7	7	—	—	—	—
31	1	1	—	—	—	—	5	5	—	—	—	—
30	4	4	—	—	—	—	2	2	—	—	—	—
29	5	5	—	—	—	—	—	—	—	—	—	—
28	10	10	—	—	—	—	1	1	—	—	—	—
27	7	6	1	—	—	—	—	—	—	—	—	—
26	17	14	1	—	—	2	—	—	—	—	—	—
25	3	1	—	—	1	1	—	—	—	—	—	—
24	13	—	—	—	—	13	3	—	1	—	—	2
23	1	1	—	—	—	—	1	—	1	—	—	—
22	17	—	—	17	—	—	15	—	1	13	1	—
21	4	—	—	—	2	2	6	—	—	—	5	1
20	49	—	—	48	—	1	53	—	—	53	—	—
19	15	—	—	12	—	3	11	—	—	9	—	2
≤ 18	40,671	36,122	128	2,260	1,250	911	42,036	37,472	130	2,245	1,246	943
										Total trips:		86,962

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LAKE WASHINGTON SHIP CANAL, WA												
	Upbound						Downbound					
Grand Total	1,043	229	1	415	372	26	842	84	1	368	365	24
FOREIGN												
Total	5	2	—	2	1	—	16	2	—	9	5	—
≤ 22	5	2	—	2	1	—	16	2	—	9	5	—
DOMESTIC												
Total	1,038	227	1	413	371	26	826	82	1	359	360	24
≤ 22	1,038	227	1	413	371	26	826	82	1	359	360	24
										Total trips:		1,885
EVERETT HARBOR AND SNOHOMISH RIVER, WA												
	Inbound						Outbound					
Grand Total	1,484	517	—	534	427	6	1,543	518	—	566	450	9
FOREIGN												
Total	369	16	—	127	225	1	370	17	—	131	219	3
34	—	—	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	2	2	—	—	—	—
25	1	1	—	—	—	—	2	2	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	3	3	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	2	2	—	—	—	—	2	2	—	—	—	—
≤ 18	359	6	—	127	225	1	357	4	—	131	219	3
DOMESTIC												
Total	1,115	501	—	407	202	5	1,173	501	—	435	231	6
20	3	—	—	3	—	—	5	—	—	5	—	—
≤ 18	1,112	501	—	404	202	5	1,168	501	—	430	231	6
										Total trips:		3,027
ANACORTES HARBOR, WA												
	Inbound						Outbound					
Grand Total	7,688	5,657	266	1,330	22	413	7,823	5,663	252	1,421	33	454
FOREIGN												
Total	351	22	47	167	15	100	365	23	47	168	28	99
48	1	—	1	—	—	—	—	—	—	—	—	—
47	—	—	—	—	—	—	2	—	2	—	—	—
46	1	—	1	—	—	—	—	—	—	—	—	—
44	9	—	9	—	—	—	4	—	4	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	3	—	3	—	—	—
39	1	—	1	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	3	—	3	—	—	—
37	—	—	—	—	—	—	2	—	2	—	—	—
36	1	1	—	—	—	—	5	1	4	—	—	—
35	—	—	—	—	—	—	2	—	2	—	—	—
34	1	—	1	—	—	—	4	1	3	—	—	—
33	1	—	1	—	—	—	1	—	1	—	—	—
32	3	1	2	—	—	—	3	2	1	—	—	—
31	2	—	2	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	2	1	1	—	—	—
29	2	—	2	—	—	—	2	2	—	—	—	—
28	—	—	—	—	—	—	9	6	3	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

ANACORTES HARBOR, WA - continued

Inbound

Outbound

FOREIGN

27	3	—	3	—	—	—	1	—	1	—	—	—
26	5	1	4	—	—	—	2	2	—	—	—	—
25	3	3	—	—	—	—	4	1	3	—	—	—
24	6	2	4	—	—	—	6	2	3	—	1	—
23	2	2	—	—	—	—	2	1	1	—	—	—
22	5	1	2	1	1	—	4	1	3	—	—	—
21	2	—	1	1	—	—	1	—	1	—	—	—
20	7	2	3	—	—	—	1	—	—	—	—	1
19	2	2	—	—	—	—	—	—	—	—	—	—
≤ 18	288	7	4	165	14	98	299	3	3	168	27	98

DOMESTIC

Total	7,337	5,635	219	1,163	7	313	7,458	5,640	205	1,253	5	355
56	4	—	4	—	—	—	—	—	—	—	—	—
54	2	—	2	—	—	—	—	—	—	—	—	—
53	1	—	1	—	—	—	—	—	—	—	—	—
52	5	—	5	—	—	—	—	—	—	—	—	—
50	3	—	3	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
48	1	—	1	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
46	4	—	4	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	11	—	11	—	—	—	3	—	3	—	—	—
43	9	—	9	—	—	—	—	—	—	—	—	—
42	15	—	15	—	—	—	—	—	—	—	—	—
41	5	—	5	—	—	—	—	—	—	—	—	—
40	22	—	22	—	—	—	7	—	7	—	—	—
39	20	—	20	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	1	—	1	—	—	—
37	11	—	11	—	—	—	15	—	15	—	—	—
36	12	—	12	—	—	—	3	—	3	—	—	—
35	11	—	11	—	—	—	2	—	2	—	—	—
34	14	—	14	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	1	—	1	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
31	4	—	4	—	—	—	25	—	25	—	—	—
30	4	—	4	—	—	—	2	—	2	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	—	—	—	—	—	—	6	—	4	—	—	2
26	—	—	—	—	—	—	4	—	1	—	—	3
25	3	—	3	—	—	—	34	—	32	—	—	2
24	4	—	2	—	—	2	—	—	—	—	—	—
23	2	—	2	—	—	—	6	—	2	—	—	4
22	90	—	5	85	—	—	98	—	5	91	—	2
21	1	—	—	—	—	1	10	—	2	—	1	7
20	137	—	—	137	—	—	172	—	—	167	—	5
19	81	—	—	80	—	1	95	—	—	80	—	15
≤ 18	6,850	5,635	38	861	7	309	6,972	5,640	98	915	4	315
Total trips:											15,511	

BELLINGHAM BAY AND HARBOR, WA

(28 feet and less)

Inbound

Outbound

Grand Total	311	76	2	164	44	25	314	76	2	178	41	17
Total trips:											625	

BLAINE HARBOR, WA

(14 feet and less)

Inbound

Outbound

Grand Total	6	—	—	5	1	—	12	—	—	11	1	—
Total trips:											18	

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA (11 feet and less)												
				Upbound						Downbound		
Grand Total	9,203	9,200	---	3	---	---	9,203	9,200	---	3	---	---
										Total trips:	---	18,406
FLATHEAD LAKE, MT No Vessel Trips Reported												
HOQUIAM RIVER, WA No Vessel Trips Reported												
KOOTENAI RIVER, ID AND MT No Vessel Trips Reported												
LAKE CROCKETT, WA (7 feet and less)												
				Inbound						Outbound		
Grand Total	2,954	2,950	---	4	---	---	2,953	2,949	---	4	---	---
										Total trips:	---	5,907
NEAH BAY, WA (19 feet and less)												
				Inbound						Outbound		
Grand Total	6	---	---	6	---	---	9	---	---	8	1	---
										Total trips:	---	15
PORT GAMBLE HARBOR, WA (12 feet and less)												
				Inbound						Outbound		
Grand Total	15	---	---	15	---	---	14	---	---	14	---	---
										Total trips:	---	29
PORT TOWNSEND HARBOR, WA (22 feet and less)												
				Inbound						Outbound		
Grand Total	4,490	4,308	---	114	53	15	4,450	4,309	---	107	21	13
										Total trips:	---	8,940
QUILLAYUTE RIVER, WA (20 feet and less)												
				Upbound						Downbound		
Grand Total	5	---	---	4	---	1	5	---	1	4	---	---
										Total trips:	---	10
SKAGIT RIVER, WA (12 feet and less)												
				Upbound						Downbound		
Grand Total	7	3	---	4	---	---	5	3	---	2	---	---
										Total trips:	---	12
STILLAGUAMISH RIVER, WA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SWINOMISH CHANNEL, WA (13 feet and less)												
				Upbound						Downbound		
Grand Total	182	---	---	120	62	---	124	---	---	81	43	---
										Total trips:		306
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA (12 feet and less)												
				Upbound						Downbound		
Grand Total	12	---	---	10	2	---	7	---	---	7	---	---
										Total trips:		19
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA No Vessel Trips Reported												
OTHER PUGET SOUND AREA PORTS, WA (56 feet and less)												
				Inbound						Outbound		
Grand Total	101,991	97,780	308	2,451	1,066	386	100,632	96,393	332	2,435	1,040	432
										Total trips:		202,623

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KETCHIKAN HARBOR, AK												
				Inbound						Outbound		
Grand Total	2,032	1,142	---	392	397	101	2,033	1,123	---	390	400	120
FOREIGN												
Total	759	641	---	60	53	5	737	621	---	61	53	2
30	21	21	---	---	---	---	21	21	---	---	---	---
29	16	16	---	---	---	---	16	16	---	---	---	---
28	20	20	---	---	---	---	20	20	---	---	---	---
27	104	104	---	---	---	---	103	103	---	---	---	---
26	97	97	---	---	---	---	97	97	---	---	---	---
25	71	71	---	---	---	---	73	73	---	---	---	---
24	65	65	---	---	---	---	65	65	---	---	---	---
23	42	40	---	---	2	---	40	39	---	---	1	---
22	13	13	---	---	---	---	11	11	---	---	---	---
21	2	2	---	---	---	---	4	4	---	---	---	---
20	10	10	---	---	---	---	8	8	---	---	---	---
19	5	5	---	---	---	---	3	3	---	---	---	---
18	1	1	---	---	---	---	1	1	---	---	---	---
17	5	3	---	2	---	---	6	4	---	2	---	---
16	62	19	---	22	21	---	57	17	---	19	21	---
15	9	7	---	1	1	---	8	4	---	4	---	---
14	26	7	---	8	11	---	30	7	---	12	11	---
13	50	41	---	5	4	---	46	42	---	3	1	---
≤ 12	140	99	---	22	14	5	128	86	---	21	19	2
DOMESTIC												
Total	1,273	501	---	332	344	96	1,296	502	---	329	347	118
21	2	---	---	---	2	---	2	---	---	---	2	---
18	390	275	---	115	---	---	371	274	---	97	---	---
17	26	26	---	---	---	---	66	66	---	---	---	---
16	2	---	---	---	2	---	2	---	---	---	2	---
15	255	1	---	18	236	---	250	---	---	16	234	---
14	201	199	---	1	1	---	163	161	---	1	1	---
13	8	---	---	6	2	---	8	1	---	5	2	---
≤ 12	389	---	---	192	101	96	434	---	---	210	106	118
										Total trips:		4,065
WRANGELL NARROWS, AK												
				Upbound						Downbound		
Grand Total	1,543	579	---	382	478	104	1,371	589	---	294	409	79
DOMESTIC												
Total	1,543	579	---	382	478	104	1,371	589	---	294	409	79
21	3	---	---	---	3	---	1	---	---	---	1	---
18	520	411	---	109	---	---	556	467	---	89	---	---
17	122	122	---	---	---	---	44	44	---	---	---	---
16	5	3	---	---	2	---	5	4	---	---	1	---
15	270	5	---	19	246	---	225	5	---	12	208	---
14	32	30	---	2	---	---	62	60	---	2	---	---
13	6	4	---	---	2	---	8	4	---	3	1	---
≤ 12	585	4	---	252	225	104	470	5	---	188	198	79
										Total trips:		2,914
PETERSBURG HARBOR, AK												
				Inbound						Outbound		
Grand Total	1,188	541	---	224	395	28	1,205	541	---	248	392	24
DOMESTIC												
Total	1,188	541	---	224	395	28	1,205	541	---	248	392	24
21	2	---	---	---	2	---	1	---	---	---	1	---
18	471	390	---	81	---	---	539	444	---	95	---	---
17	95	95	---	---	---	---	69	69	---	---	---	---

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PETERSBURG HARBOR, AK - continued												
	Inbound						Outbound					
DOMESTIC												
16	1	—	—	—	1	—	1	—	—	—	1	—
15	218	—	—	10	208	—	222	—	—	15	207	—
14	55	55	—	—	—	—	27	27	—	—	—	—
13	1	—	—	—	1	—	1	—	—	—	1	—
≤ 12	345	1	—	133	183	28	345	1	—	138	182	24
										Total trips:		2,393

JUNEAU HARBOR, AK												
Grand Total	Upbound						Downbound					
	1,749	1,200	—	244	237	68	1,702	1,206	—	216	228	52
FOREIGN												
Total	509	491	—	8	10	—	499	491	—	3	5	—
32	1	1	—	—	—	—	3	3	—	—	—	—
30	21	21	—	—	—	—	24	24	—	—	—	—
29	16	16	—	—	—	—	18	18	—	—	—	—
28	19	19	—	—	—	—	19	19	—	—	—	—
27	108	108	—	—	—	—	108	108	—	—	—	—
26	94	94	—	—	—	—	102	102	—	—	—	—
25	76	76	—	—	—	—	73	73	—	—	—	—
24	69	69	—	—	—	—	69	69	—	—	—	—
23	41	41	—	—	—	—	41	41	—	—	—	—
22	9	9	—	—	—	—	2	2	—	—	—	—
21	5	5	—	—	—	—	2	2	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	3	3	—	—	—	—	3	3	—	—	—	—
18	2	2	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
16	6	2	—	3	1	—	5	2	—	3	—	—
15	2	2	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	1	1	—	—	—	—
13	5	2	—	—	3	—	3	3	—	—	—	—
12	14	7	—	5	2	—	7	6	—	—	1	—
11	3	3	—	—	—	—	3	3	—	—	—	—
10	1	1	—	—	—	—	—	—	—	—	—	—
9	2	1	—	—	1	—	2	1	—	—	1	—
8	2	—	—	—	2	—	1	—	—	—	1	—
7	5	5	—	—	—	—	6	6	—	—	—	—
6	1	1	—	—	—	—	1	1	—	—	—	—
2	1	—	—	—	1	—	2	—	—	—	2	—
DOMESTIC												
Total	1,240	709	—	236	227	68	1,203	715	—	213	223	52
21	2	—	—	—	2	—	1	—	—	—	1	—
18	676	563	—	113	—	—	652	550	—	102	—	—
17	38	38	—	—	—	—	26	26	—	—	—	—
16	1	—	—	—	1	—	1	—	—	—	1	—
15	189	1	—	10	178	—	185	1	—	9	175	—
14	110	104	—	6	—	—	141	138	—	3	—	—
13	4	—	—	3	1	—	4	—	—	3	1	—
12	27	—	—	8	18	1	29	—	—	8	21	—
11	49	—	—	38	11	—	38	—	—	26	12	—
10	20	—	—	18	2	—	24	—	—	23	1	—
9	28	—	—	21	7	—	24	—	—	17	7	—
8	6	—	—	6	—	—	9	—	—	8	—	1
7	13	—	—	11	2	—	15	—	—	13	1	1
6	3	—	—	2	—	1	1	—	—	1	—	—
5	3	—	—	—	1	2	4	—	—	—	1	3
4	22	—	—	—	—	22	16	—	—	—	—	16
3	21	—	—	—	1	20	20	—	—	—	1	19
2	25	—	—	—	3	22	13	—	—	—	1	12
1	3	3	—	—	—	—	—	—	—	—	—	—
										Total trips:		3,451

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
VALDEZ HARBOR, AK												
	Inbound						Outbound					
Grand Total	794	266	441	51	19	17	806	263	459	42	23	19
FOREIGN												
Total	12	7	5	—	—	—	4	4	—	—	—	—
54	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	—	—	—	—	—	—
27	5	5	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	782	259	436	51	19	17	802	259	459	42	23	19
62	—	—	—	—	—	—	1	—	1	—	—	—
61	—	—	—	—	—	—	1	—	1	—	—	—
60	—	—	—	—	—	—	1	—	1	—	—	—
59	—	—	—	—	—	—	3	—	3	—	—	—
58	—	—	—	—	—	—	16	—	16	—	—	—
57	—	—	—	—	—	—	30	—	30	—	—	—
56	1	—	1	—	—	—	15	—	15	—	—	—
55	—	—	—	—	—	—	18	—	18	—	—	—
54	1	—	1	—	—	—	34	—	34	—	—	—
53	—	—	—	—	—	—	24	—	24	—	—	—
52	—	—	—	—	—	—	26	—	26	—	—	—
51	—	—	—	—	—	—	7	—	7	—	—	—
50	—	—	—	—	—	—	1	—	1	—	—	—
49	—	—	—	—	—	—	7	—	7	—	—	—
48	1	—	1	—	—	—	86	—	86	—	—	—
47	—	—	—	—	—	—	37	—	37	—	—	—
46	—	—	—	—	—	—	11	—	11	—	—	—
45	—	—	—	—	—	—	17	—	17	—	—	—
44	2	—	2	—	—	—	31	—	31	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	38	—	38	—	—	—
38	1	—	1	—	—	—	31	—	31	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
37	—	—	—	—	—	—	8	—	8	—	—	—
36	—	—	—	—	—	—	3	—	3	—	—	—
35	—	—	—	—	—	—	2	—	2	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
31	29	—	29	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
28	4	—	4	—	—	—	—	—	—	—	—	—
27	64	—	64	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	—	—	—	—	—	—
25	51	—	51	—	—	—	4	—	4	—	—	—
23	23	—	23	—	—	—	—	—	—	—	—	—
22	16	—	16	—	—	—	11	—	2	—	9	—
21	—	—	—	—	—	—	1	—	—	—	1	—
20	20	—	—	20	—	—	30	—	—	25	3	2
19	—	—	—	—	—	—	1	—	—	—	—	1
18	46	46	—	—	—	—	57	53	—	—	4	—
16	2	—	—	2	—	—	—	—	—	—	—	—
15	17	14	—	3	—	—	37	35	—	1	1	—
14	220	199	19	2	—	—	172	171	1	—	—	—
13	7	—	—	7	—	—	2	—	—	—	1	—
≤ 12	274	—	221	17	19	17	35	—	—	15	4	16
										Total trips:		1,600

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HOMER, AK												
	Inbound						Outbound					
Grand Total	282	193	8	43	—	38	279	196	6	42	—	35
FOREIGN												
Total	45	30	8	7	—	—	45	32	6	7	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
36	—	—	—	—	—	—	3	3	—	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
30	1	—	1	—	—	—	2	1	1	—	—	—
28	2	1	1	—	—	—	—	—	—	—	—	—
27	3	2	1	—	—	—	1	—	1	—	—	—
26	2	1	1	—	—	—	1	1	—	—	—	—
24	2	—	2	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	4	4	—	—	—	—
21	1	1	—	—	—	—	5	4	—	1	—	—
20	6	2	—	4	—	—	6	2	—	4	—	—
19	3	2	—	1	—	—	1	1	—	—	—	—
18	5	3	1	1	—	—	8	7	1	—	—	—
17	2	2	—	—	—	—	2	2	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
15	4	4	—	—	—	—	—	—	—	—	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
12	7	7	—	—	—	—	7	7	—	—	—	—
9	1	1	—	—	—	—	1	—	—	1	—	—
2	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	237	163	—	36	—	38	234	164	—	35	—	35
20	1	—	—	1	—	—	1	—	—	1	—	—
19	1	—	—	—	—	1	1	—	—	—	—	1
18	60	60	—	—	—	—	67	67	—	—	—	—
15	99	99	—	—	—	—	94	93	—	1	—	—
14	2	—	—	2	—	—	2	—	—	2	—	—
13	5	—	—	5	—	—	4	—	—	4	—	—
12	—	—	—	—	—	—	1	—	—	—	—	1
9	29	1	—	28	—	—	27	—	—	27	—	—
5	3	—	—	—	—	3	1	—	—	—	—	1
4	10	2	—	—	—	8	2	—	—	—	—	2
3	26	—	—	—	—	26	32	2	—	—	—	30
2	1	1	—	—	—	—	2	2	—	—	—	—
Total trips:											561	
ANCHORAGE, AK												
	Inbound						Outbound					
Grand Total	862	329	16	128	336	53	890	325	17	146	330	72
FOREIGN												
Total	119	90	16	7	5	1	109	87	17	4	1	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	1	—	—	—	—	1	—	1	—	—	—
34	2	2	—	—	—	—	4	2	2	—	—	—
33	3	2	1	—	—	—	6	2	4	—	—	—
32	3	3	—	—	—	—	1	1	—	—	—	—
31	7	6	1	—	—	—	9	5	4	—	—	—
30	5	4	1	—	—	—	6	4	2	—	—	—
29	2	1	1	—	—	—	4	3	1	—	—	—
28	6	5	1	—	—	—	4	3	1	—	—	—
27	8	5	3	—	—	—	3	2	1	—	—	—
26	—	—	—	—	—	—	2	1	1	—	—	—
25	11	9	2	—	—	—	8	8	—	—	—	—
24	3	2	1	—	—	—	3	3	—	—	—	—
23	1	—	1	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	2	2	—	—	—	—
21	1	1	—	—	—	—	4	3	—	1	—	—
20	3	3	—	—	—	—	5	5	—	—	—	—

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ANCHORAGE, AK - continued												
	Inbound						Outbound					
FOREIGN												
19	3	2	1	—	—	—	3	3	—	—	—	—
18	5	3	1	—	—	1	5	5	—	—	—	—
17	7	6	1	—	—	—	9	9	—	—	—	—
16	7	6	—	1	—	—	3	2	—	1	—	—
15	3	3	—	—	—	—	3	3	—	—	—	—
14	8	6	—	2	—	—	7	6	—	1	—	—
13	2	2	—	—	—	—	2	2	—	—	—	—
≤ 12	25	16	—	4	5	—	15	13	—	1	1	—
DOMESTIC												
Total	743	239	—	121	331	52	781	238	—	142	329	72
32	42	42	—	—	—	—	42	42	—	—	—	—
28	77	77	—	—	—	—	78	78	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
25	19	19	—	—	—	—	17	17	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	19	19	—	—	—	—	—	—	—	—	—	—
22	45	37	—	—	8	—	3	—	—	—	3	—
21	38	35	—	—	3	—	3	—	—	—	3	—
20	35	6	—	25	3	1	34	—	—	28	—	6
19	3	—	—	—	2	1	2	—	—	—	—	2
18	3	—	—	—	3	—	—	—	—	—	—	—
17	1	—	—	—	1	—	99	97	—	—	1	1
16	5	1	—	—	4	—	8	4	—	—	4	—
15	22	—	—	17	4	1	18	—	—	16	1	1
14	14	—	—	5	8	1	11	—	—	7	4	—
13	14	—	—	10	3	1	15	—	—	9	2	4
≤ 12	403	—	—	64	292	47	451	—	—	82	311	58
										Total trips:		1,752

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR)

Grand Total	Inbound						Outbound					
	882	494	2	196	67	123	889	495	2	193	62	137
FOREIGN												
Total	280	269	2	5	4	—	279	268	2	5	4	—
34	22	22	—	—	—	—	33	33	—	—	—	—
33	7	7	—	—	—	—	7	7	—	—	—	—
32	12	12	—	—	—	—	11	11	—	—	—	—
31	7	7	—	—	—	—	8	8	—	—	—	—
30	11	11	—	—	—	—	11	11	—	—	—	—
29	9	9	—	—	—	—	7	7	—	—	—	—
28	6	6	—	—	—	—	5	5	—	—	—	—
27	2	2	—	—	—	—	4	4	—	—	—	—
26	2	2	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	4	4	—	—	—	—
24	4	4	—	—	—	—	5	4	—	1	—	—
23	7	5	2	—	—	—	4	4	—	—	—	—
22	6	6	—	—	—	—	11	11	—	—	—	—
21	6	6	—	—	—	—	15	15	—	—	—	—
20	9	6	—	1	2	—	9	8	—	—	1	—
19	18	18	—	—	—	—	29	28	—	1	—	—
18	26	24	—	1	1	—	36	32	2	1	1	—
17	24	24	—	—	—	—	27	27	—	—	—	—
16	29	27	—	2	—	—	17	16	—	1	—	—
15	38	37	—	—	1	—	15	14	—	—	1	—
14	22	22	—	—	—	—	9	9	—	—	—	—
13	3	3	—	—	—	—	2	2	—	—	—	—
12	7	7	—	—	—	—	6	6	—	—	—	—
11	1	—	—	1	—	—	1	—	—	1	—	—
10	1	1	—	—	—	—	1	1	—	—	—	—
9	—	—	—	—	—	—	1	1	—	—	—	—
4	—	—	—	—	—	—	1	—	—	—	1	—

Trips and Drafts of Vessels, 2003
(draft in feet)

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

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR) - continued

DOMESTIC

	Inbound						Outbound					
Total	602	225	---	191	63	123	610	227	---	188	58	137
22	4	---	---	---	4	---	---	---	---	---	---	---
21	6	---	---	---	6	---	9	3	---	---	6	---
20	39	---	---	35	1	3	36	4	---	32	---	---
19	3	---	---	---	2	1	7	7	---	---	---	---
18	10	7	---	---	2	1	18	16	---	---	1	1
17	45	43	---	---	2	---	26	24	---	---	2	---
16	13	8	---	---	5	---	19	10	---	2	5	2
15	56	40	---	14	2	---	56	38	---	13	4	1
14	40	19	---	10	10	1	44	23	---	10	11	---
13	20	13	---	1	4	2	15	9	---	1	3	2
12	42	16	---	23	2	1	48	24	---	20	3	1
11	34	23	---	1	7	3	29	23	---	2	4	---
10	28	27	---	---	1	---	21	19	---	---	2	---
9	26	24	---	1	1	---	24	22	---	---	---	2
8	21	5	---	12	2	2	19	5	---	9	4	1
7	4	---	---	1	2	1	2	---	---	1	---	1
6	104	---	---	93	6	5	110	---	---	98	7	5
5	7	---	---	---	1	6	7	---	---	---	---	7
4	17	---	---	---	1	16	22	---	---	---	4	18
3	59	---	---	---	2	57	61	---	---	---	2	59
2	12	---	---	---	---	12	13	---	---	---	---	13
1	12	---	---	---	---	12	24	---	---	---	---	24
										Total trips:		1,771

BETHEL HARBOR, AK
(18 feet and less)

	Inbound						Outbound					
Grand Total	395	---	---	191	194	10	384	---	---	187	193	4
										Total trips:		779

CORDOVA HARBOR, AK
(20 feet and less)

	Inbound						Outbound					
Grand Total	368	279	---	38	38	13	365	271	---	47	36	11
										Total trips:		733

CRAIG HARBOR, AK
(15 feet and less)

	Inbound						Outbound					
Grand Total	35	6	---	16	---	13	33	6	---	14	---	13
										Total trips:		68

DILLINGHAM HARBOR, AK
(21 feet and less)

	Inbound						Outbound					
Grand Total	60	---	---	23	21	16	56	---	---	21	20	15
										Total trips:		116

DOUGLAS HARBOR, AK
(12 feet and less)

	Inbound						Outbound					
Grand Total	10	---	---	3	2	5	7	---	---	3	---	4
										Total trips:		17

DRY PASS, AK
No Vessel Trips Reported

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
EGEGIK RIVER, AK (13 feet and less)												
				Inbound						Outbound		
Grand Total	18	---	---	5	11	2	19	---	---	4	13	2
										Total trips:		37
ELFIN COVE HARBOR, AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	10	---	---	5	---	5	10	---	---	5	---	5
										Total trips:		20
GASTINEAU CHANNEL, AK No Vessel Trips Reported												
HOONAH HARBOR, AK (32 feet and less)												
				Inbound						Outbound		
Grand Total	364	253	---	52	37	22	361	253	---	49	38	21
										Total trips:		725
HUMBOLDT HARBOR, AK (25 feet and less)												
				Inbound						Outbound		
Grand Total	218	182	---	19	1	16	207	180	---	14	1	12
										Total trips:		425
KAKE HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	327	179	---	66	58	24	315	179	---	57	58	21
										Total trips:		642
KING COVE LAGOON, AK (22 feet and less)												
				Inbound						Outbound		
Grand Total	167	142	---	16	5	4	173	142	---	19	8	4
										Total trips:		340
KODIAK HARBOR, AK (27 feet and less)												
				Inbound						Outbound		
Grand Total	420	318	---	58	4	40	414	321	---	51	4	38
										Total trips:		834
METLAKATLA HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	304	200	---	16	69	19	300	199	---	15	69	17
										Total trips:		604

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NAKNEK RIVER, AK (21 feet and less)												
				Upbound						Downbound		
Grand Total	69	7	—	24	24	14	65	7	—	23	23	12
										Total trips:		134
NINILCHIK HARBOR, AK No Vessel Trips Reported												
NOME, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	40	3	—	14	14	9	41	3	—	15	14	9
										Total trips:		81
OLD HARBOR, AK (15 feet and less)												
				Inbound						Outbound		
Grand Total	42	34	—	4	—	4	29	23	—	3	—	3
										Total trips:		71
PELICAN HARBOR, AK (16 feet and less)												
				Inbound						Outbound		
Grand Total	76	46	—	15	—	15	70	40	—	15	—	15
										Total trips:		146
PORT ALEXANDER, AK No Vessel Trips Reported												
ROCKY PASS IN KEKU STRAIT, AK (11 feet and less)												
				Upbound						Downbound		
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—
										Total trips:		2
SELDOVIA HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	74	69	—	3	—	2	73	68	—	3	—	2
										Total trips:		147
SERGIUS AND WHITESTONE NARROWS, AK (18 feet and less)												
				Upbound						Downbound		
Grand Total	535	292	—	71	154	18	547	290	—	86	151	20
										Total trips:		1,082
SEWARD HARBOR, AK (37 feet and less)												
				Inbound						Outbound		
Grand Total	185	173	—	6	6	—	199	179	—	13	7	—
										Total trips:		384

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SITKA HARBOR, AK (30 feet and less)												
				Inbound						Outbound		
Grand Total	757	487	---	96	153	21	776	518	---	80	157	21
										Total trips:		1,533
SKAGWAY HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	837	670	---	86	66	15	840	674	---	80	69	17
										Total trips:		1,677
STIKINE RIVER, AK No Vessel Trips Reported												
WRANGELL HARBOR, AK (25 feet and less)												
				Inbound						Outbound		
Grand Total	690	495	---	72	100	23	700	498	---	83	98	21
										Total trips:		1,390
CHATHAM STRAIT, AK (32 feet and less)												
				Upbound						Downbound		
Grand Total	1,787	1,178	---	215	304	90	1,829	1,199	---	219	332	79
										Total trips:		3,616
CLARENCE STRAIT, AK (25 feet and less)												
				Upbound						Downbound		
Grand Total	955	260	---	252	334	109	932	352	---	206	312	62
										Total trips:		1,887
FREDERICK SOUND, AK (32 feet and less)												
				Upbound						Downbound		
Grand Total	1,593	906	---	263	325	99	1,699	922	---	320	354	103
										Total trips:		3,292
ICY STRAIT, AK (32 feet and less)												
				Upbound						Downbound		
Grand Total	1,041	696	---	133	143	69	1,064	718	---	131	150	65
										Total trips:		2,105
KIVILINA, AK (20 feet and less)												
				Inbound						Outbound		
Grand Total	802	---	---	267	532	3	804	---	---	266	535	3
										Total trips:		1,606

Trips and Drafts of Vessels, 2003
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LYNN CANAL, AK (29 feet and less)												
			Upbound						Downbound			
Grand Total	1,385	1,084	—	150	94	57	1,428	1,094	—	163	115	56
										Total trips:		2,813
NIKISHKA, AK (40 feet and less)												
			Inbound						Outbound			
Grand Total	205	32	123	24	5	21	213	33	109	37	5	29
										Total trips:		418
REVILLAGIGADO CHANNEL, AK (30 feet and less)												
			Upbound						Downbound			
Grand Total	1,301	774	—	226	246	55	1,222	771	—	185	236	30
										Total trips:		2,523
STEPHENS PASSAGE, AK (32 feet and less)												
			Upbound						Downbound			
Grand Total	1,845	1,205	—	285	278	77	1,681	1,201	—	211	198	71
										Total trips:		3,526
SUMNER STRAIT, AK (23 feet and less)												
			Upbound						Downbound			
Grand Total	1,051	471	—	232	240	108	937	314	—	237	314	72
										Total trips:		1,988
TONGASS NARROWS, AK (30 feet and less)												
			Upbound						Downbound			
Grand Total	2,262	1,164	—	461	471	166	2,175	1,240	—	380	458	97
										Total trips:		4,437

FREIGHT TRAFFIC INDEX

	A	
ALASKA DISTRICT		101
ALSEA BAY AND RIVER, OR		84
ANACORTES HARBOR, WA		97
ANCHORAGE, AK		108
ASTORIA, OR, PORT OF		84
	B	
BARBERS POINT HARBOR, OAHU, HI		47
BELLINGHAM BAY AND HARBOR, WA		99
BERKELEY, CA		42
BETHEL HARBOR, AK		113
BLAINE HARBOR, WA		99
BODEGA BAY, CA		42
	C	
CARQUINEZ STRAIT, CA		34
CHATHAM STRAIT, AK		121
CHETCO RIVER, OR		84
CHINOOK CHANNEL, WA		84
CLARENCE STRAIT, AK		122
CLATSKANIE RIVER, OR		84
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA, AND PORTLAND, OR		62
COLUMBIA RIVER ABOVE THE DALLAS DAM, WA, AND OR TO MCNARY LOCK AND DAM, OR AND WA		75
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK DAM TO KENNEWICK, WA		53
COLUMBIA RIVER AT BAKERS BAY, WA		84
COLUMBIA RIVER BASIN, OR, WA, ID, TOTAL WATERBORNE COMMERCE		55
COLUMBIA RIVER BETWEEN VANCOUVER, WA, AND THE DALLAS, OR		74
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA		99
COLUMBIA RIVER ENTRANCE, OR, AND WA		55
COLUMBIA RIVER MOUTH TO THE INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)		58
COLUMBIA RIVER SYSTEM		80
COLUMBIA SLOUGH, OR		84
COOS AND MILLICOMA RIVERS, OR		84
COOS BAY, OR		79
COQUILLE RIVER, OR		84
CORDOVA HARBOR, AK		113
COWLITZ RIVER, WA		84
CRAIG HARBOR, AK		114
CRESCENT CITY HARBOR, CA		42
	D	
DEEP RIVER, WA		84
DEPOE BAY, OR		84
DILLINGHAM HARBOR, AK		114
DOUGLAS HARBOR, AK		114
DRY PASS, AK		114
	E	
EGEGIK RIVER, AK		114
ELFIN COVE HARBOR, AK		115
ELOKOMIN SLOUGH, WA		84
EVERETT HARBOR AND SNOHOMISH RIVER, WA		96
	F	
FLATHEAD LAKE, MT		99
FREDERICK SOUND, AK		123
	G	
GASTINEAU CHANNEL, AK		115
GRAYS HARBOR AND CHEHALIS RIVER, WA		86
GRAYS RIVER, WA		84
	H	
HAMMERSLEY INLET, WA		87
HANA HARBOR, MAUI, HI		52
HILO HARBOR, HAWAII IS., HI		43
HOMER, AK		108
HONOLULU HARBOR, OAHU, HI		48
HONOLULU, HI DISTRICT		43
HOONAH HARBOR, AK		115
HOQUIAM RIVER, WA		99
HUMBOLDT HARBOR AND BAY, CA		40
HUMBOLDT HARBOR, AK		115

FREIGHT TRAFFIC INDEX

	I	
ICY STRAIT, AK		124
	J	
JUNEAU HARBOR, AK		106
	K	
KAHULUI HARBOR, MAUI, HI		45
KAILUA HARBOR, OAHU, HI		52
KAKE HARBOR, AK		115
KALAMA, WA, PORT OF		68
KALAUPAPA HARBOR, MOLOKAI, HI		52
KAUNAKAKAI HARBOR, MOLOKAI, HI		52
KAWAIHAE HARBOR, HAWAII IS., HI		44
KETCHIKAN HARBOR, AK		101
KING COVE LAGOON, AK		116
KIVILINA, AK		125
KODIAK HARBOR, AK		116
KOOTENAI RIVER, ID AND MT		99
	L	
LAKE CROCKETT, WA		99
LAKE RIVER, WA		84
LAKE WASHINGTON SHIP CANAL, WA		96
LEWIS RIVER, WA		84
LONG BEACH HARBOR, CA		4
LONGVIEW, WA, PORT OF		67
LOS ANGELES HARBOR, CA		8
LOS ANGELES, CA DISTRICT		3
LYNN CANAL, AK		125
	M	
METLAKATLA HARBOR, AK		116
MIDDLE RIVER, CA		20
MISSION BAY, CA		13
MOKELUMNE RIVER, CA		20
MONTEREY HARBOR, CA		42
MORRO BAY HARBOR, CA		13
MOSS LANDING HARBOR, CA		42
MULTNOMAH CHANNEL, OR		69
	N	
NAKNEK RIVER, AK		117
NAPA RIVER, CA		42
NAWILIWILI HARBOR, KAUAI, HI		50
NEAH BAY, WA		99
NEWPORT BAY HARBOR, CA		13
NIKISHKA, AK		126
NINILCHIK HARBOR, AK		117
NOME, AK		117
NOYO RIVER, CA		42
	O	
OAKLAND HARBOR, CA		26
OCEANSIDE HARBOR, CA		13
OLD HARBOR, AK		118
OLD RIVER, CA		20
OLYMPIA HARBOR, WA		88
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR		70
	P	
PELICAN HARBOR, AK		118
PETALUMA RIVER, CA		40
PETERSBURG HARBOR, AK		104
PILLAR POINT HARBOR, CA		42
PORT ALEXANDER, AK		118
PORT ALLEN HARBOR, KAUAI, HI		52
PORT ANGELES HARBOR, WA		86
PORT GAMBLE HARBOR, WA		99
PORT HUENEME, CA		11
PORT OF ASTORIA, OR		84
PORT OF KALAMA, WA		68

FREIGHT TRAFFIC INDEX

P	
PORT OF LONGVIEW, WA	67
PORT OF PORTLAND, OR	76
PORT OF ST. HELENS, OR	84
PORT OF VANCOUVER, WA	72
PORT ORFORD, OR	84
PORT TOWNSEND HARBOR, WA	99
PORTLAND, OR DISTRICT	55
PORTLAND, OR, PORT OF	76
PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA	66
PUGET SOUND AREA PORTS, WA, OTHER	100
Q	
QUILLAYUTE RIVER, WA	99
R	
REDONDO BEACH, CA	13
REDWOOD CITY HARBOR, CA	26
REVILLAGIGADO CHANNEL, AK	126
RICHMOND HARBOR, CA	30
ROCKY PASS IN KEKU STRAIT, AK	118
ROGUE RIVER, OR	85
S	
SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA	15
SACRAMENTO RIVER, CA	14
SACRAMENTO, CA	16
SACRAMENTO, CA DISTRICT	14
SAN DIEGO HARBOR, CA	3
SAN FRANCISCO BAY AND DELTA AREAS, CA, TOTAL WATERBORNE COMMERCE OF THE	21
SAN FRANCISCO BAY AREA PORTS, CA, OTHER	42
SAN FRANCISCO BAY ENTRANCE, CA	21
SAN FRANCISCO HARBOR, CA	24
SAN FRANCISCO, CA DISTRICT	21
SAN JOAQUIN RIVER, CA	17
SAN LEANDRO MARINA, CA	42
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	32
SAN RAFAEL CREEK, CA	42
SANTA BARBARA HARBOR, CA	13
SANTA CRUZ HARBOR, CA	42
SEATTLE HARBOR, WA	92
SEATTLE, WA DISTRICT	86
SELDOVIA HARBOR, AK	118
SERGIUS AND WHITESTONE NARROWS, AK	118
SEWARD HARBOR, AK	119
SITKA HARBOR, AK	119
SIUSLAW RIVER, OR	85
SKAGIT RIVER, WA	99
SKAGWAY HARBOR, AK	120
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	85
SKAMOKAWA CREEK, WA	85
SKIPANON CHANNEL, OR	85
SMITH RIVER, OR	85
SNAKE RIVER, OR, WA AND ID	54
ST. HELENS, OR, PORT OF	84
STEPHENS PASSAGE, AK	127
STIKINE RIVER, AK	121
STILLAGUAMISH RIVER, WA	100
STOCKTON, CA	18
SUISUN BAY CHANNEL, CA	37
SUISUN CHANNEL, CA	42
SUMNER STRAIT, AK	128
SWINOMISH CHANNEL, WA	100
T	
TACOMA HARBOR, WA	88
TILLAMOOK BAY AND BAR, OR	85
TONGASS NARROWS, AK	129
TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA	21
TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID	55
U	
UMPQUA RIVER, OR	85
UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR)	111

FREIGHT TRAFFIC INDEX

	V	
VALDEZ HARBOR, AK		107
VANCOUVER, WA, PORT OF		72
	W	
WAKE ISLAND HARBOR, WAKE ISLAND		52
WALLA WALLA, WA DISTRICT		53
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA		100
WELLS HARBOR, MIDWAY ISLAND		52
WESTPORT SLOUGH, OR		85
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR		79
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA		100
WRANGELL HARBOR, AK		121
WRANGELL NARROWS, AK		102
	Y	
YAQUINA BAY AND HARBOR, OR		85
YAQUINA RIVER, OR		85
YOUNGS BAY AND YOUNGS RIVER, OR		85

TRIPS AND DRAFTS INDEX

	A	
ALASKA DISTRICT		173
ALSEA BAY AND RIVER, OR		162
ANACORTES HARBOR, WA		169
ANCHORAGE, AK		176
ASTORIA, OR, PORT OF		163
	B	
BARBERS POINT HARBOR, OAHU, HI		149
BELLINGHAM BAY AND HARBOR, WA		170
BERKELEY, CA		146
BETHEL HARBOR, AK		178
BLAINE HARBOR, WA		170
BODEGA BAY, CA		146
	C	
CARQUINEZ STRAIT, CA		144
CHATHAM STRAIT, AK		181
CHETCO RIVER, OR		162
CHINOOK CHANNEL, WA		162
CLARENCE STRAIT, AK		181
CLATSKANIE RIVER, OR		163
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA, AND PORTLAND, OR		155
COLUMBIA RIVER ABOVE THE DALLAS DAM, WA, AND OR TO MCNARY LOCK AND DAM, OR AND WA		159
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK DAM TO KENNEWICK, WA		152
COLUMBIA RIVER AT BAKERS BAY, WA		163
COLUMBIA RIVER BETWEEN VANCOUVER, WA, AND THE DALLAS, OR		159
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA		171
COLUMBIA RIVER ENTRANCE, OR, AND WA		153
COLUMBIA RIVER MOUTH TO THE INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)		153
COLUMBIA RIVER SYSTEM		161
COLUMBIA SLOUGH, OR		163
COOS AND MILLICOMA RIVERS, OR		163
COOS BAY, OR		160
COQUILLE RIVER, OR		163
CORDOVA HARBOR, AK		178
COWLITZ RIVER, WA		163
CRAIG HARBOR, AK		178
CRESCENT CITY HARBOR, CA		147
	D	
DEEP RIVER, WA		163
DEPOE BAY, OR		163
DILLINGHAM HARBOR, AK		178
DOUGLAS HARBOR, AK		178
DRY PASS, AK		178
	E	
EGEGIK RIVER, AK		179
ELFIN COVE HARBOR, AK		179
ELOKOMIN SLOUGH, WA		163
EVERETT HARBOR AND SNOHOMISH RIVER, WA		169
	F	
FLATHEAD LAKE, MT		171
FREDERICK SOUND, AK		181
	G	
GASTINEAU CHANNEL, AK		179
GRAYS HARBOR AND CHEHALIS RIVER, WA		165
GRAYS RIVER, WA		163
	H	
HAMMERSLEY INLET, WA		166
HANA HARBOR, MAUI, HI		151
HILO HARBOR, HAWAII IS., HI		148
HOMER, AK		176
HONOLULU HARBOR, OAHU, HI		150
HONOLULU, HI DISTRICT		148
HOONAH HARBOR, AK		179
HOQUIAM RIVER, WA		171
HUMBOLDT HARBOR AND BAY, CA		146
HUMBOLDT HARBOR, AK		179

TRIPS AND DRAFTS INDEX

	I	
ICY STRAIT, AK		181
	J	
JUNEAU HARBOR, AK		174
	K	
KAHULUI HARBOR, MAUI, HI		148
KAILUA HARBOR, OAHU, HI		151
KAKE HARBOR, AK		179
KALAMA, WA, PORT OF		156
KALAUPAPA HARBOR, MOLOKAI, HI		151
KAUNAKAKAI HARBOR, MOLOKAI, HI		151
KAWAIHAE HARBOR, HAWAII IS., HI		148
KETCHIKAN HARBOR, AK		173
KING COVE LAGOON, AK		179
KIVILINA, AK		181
KODIAK HARBOR, AK		179
KOOTENAI RIVER, ID AND MT		171
	L	
LAKE CROCKETT, WA		171
LAKE RIVER, WA		163
LAKE WASHINGTON SHIP CANAL, WA		169
LEWIS RIVER, WA		163
LONG BEACH HARBOR, CA		133
LONGVIEW, WA, PORT OF		156
LOS ANGELES HARBOR, CA		134
LOS ANGELES, CA DISTRICT		133
LYNN CANAL, AK		182
	M	
METLAKATLA HARBOR, AK		179
MIDDLE RIVER, CA		139
MISSION BAY, CA		136
MOKELUMNE RIVER, CA		139
MONTEREY HARBOR, CA		147
MORRO BAY HARBOR, CA		136
MOSS LANDING HARBOR, CA		147
MULTNOMAH CHANNEL, OR		157
	N	
NAKNEK RIVER, AK		180
NAPA RIVER, CA		147
NAWILIWILI HARBOR, KAUAI, HI		151
NEAH BAY, WA		171
NEWPORT BAY HARBOR, CA		136
NIKISHKA, AK		182
NINILCHIK HARBOR, AK		180
NOME, AK		180
NOYO RIVER, CA		147
	O	
OAKLAND HARBOR, CA		142
OCEANSIDE HARBOR, CA		136
OLD HARBOR, AK		180
OLD RIVER, CA		139
OLYMPIA HARBOR, WA		166
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR		157
	P	
PELICAN HARBOR, AK		180
PETALUMA RIVER, CA		146
PETERSBURG HARBOR, AK		173
PILLAR POINT HARBOR, CA		147
PORT ALEXANDER, AK		180
PORT ALLEN HARBOR, KAUAI, HI		151
PORT ANGELES HARBOR, WA		165
PORT GAMBLE HARBOR, WA		171
PORT HUENEME, CA		135
PORT OF ASTORIA, OR		163
PORT OF KALAMA, WA		156
PORT OF LONGVIEW, WA		156

TRIPS AND DRAFTS INDEX

P	
PORT OF PORTLAND, OR	159
PORT OF ST. HELENS, OR	163
PORT OF VANCOUVER, WA	158
PORT ORFORD, OR	164
PORT TOWNSEND HARBOR, WA	171
PORTLAND, OR DISTRICT	153
PORTLAND, OR, PORT OF	159
PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA	155
PUGET SOUND AREA PORTS, WA, OTHER	172
Q	
QUILLAYUTE RIVER, WA	171
R	
REDONDO BEACH, CA	136
REDWOOD CITY HARBOR, CA	141
REVILLAGIGADO CHANNEL, AK	182
RICHMOND HARBOR, CA	142
ROCKY PASS IN KEKU STRAIT, AK	180
ROGUE RIVER, OR	164
S	
SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA	137
SACRAMENTO RIVER, CA	137
SACRAMENTO, CA	138
SACRAMENTO, CA DISTRICT	137
SAN DIEGO HARBOR, CA	133
SAN FRANCISCO BAY AREA PORTS, CA, OTHER	147
SAN FRANCISCO BAY ENTRANCE, CA	140
SAN FRANCISCO HARBOR, CA	141
SAN FRANCISCO, CA DISTRICT	140
SAN JOAQUIN RIVER, CA	138
SAN LEANDRO MARINA, CA	147
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	143
SAN RAFAEL CREEK, CA	147
SANTA BARBARA HARBOR, CA	136
SANTA CRUZ HARBOR, CA	147
SEATTLE HARBOR, WA	168
SEATTLE, WA DISTRICT	165
SELDOVIA HARBOR, AK	180
SERGIUS AND WHITESTONE NARROWS, AK	180
SEWARD HARBOR, AK	180
SITKA HARBOR, AK	181
SIUSLAW RIVER, OR	164
SKAGIT RIVER, WA	171
SKAGWAY HARBOR, AK	181
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	164
SKAMOKAWA CREEK, WA	164
SKIPANON CHANNEL, OR	164
SMITH RIVER, OR	164
SNAKE RIVER, OR, WA AND ID	152
ST. HELENS, OR, PORT OF	163
STEPHENS PASSAGE, AK	182
STIKINE RIVER, AK	181
STILLAGUAMISH RIVER, WA	171
STOCKTON, CA	139
SUISUN BAY CHANNEL, CA	145
SUISUN CHANNEL, CA	147
SUMNER STRAIT, AK	182
SWINOMISH CHANNEL, WA	172
T	
TACOMA HARBOR, WA	167
TILLAMOOK BAY AND BAR, OR	164
TONGASS NARROWS, AK	182
U	
UMPQUA RIVER, OR	164
UNALASKA ISLAND, ALASKA (INCLUDING DUTCH HARBOR)	177

TRIPS AND DRAFTS INDEX

	V	
VALDEZ HARBOR, AK		175
VANCOUVER, WA, PORT OF		158
	W	
WAKE ISLAND HARBOR, WAKE ISLAND		151
WALLA WALLA, WA DISTRICT		152
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA		172
WELLS HARBOR, MIDWAY ISLAND		151
WESTPORT SLOUGH, OR		164
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR		160
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA		172
WRANGELL HARBOR, AK		181
WRANGELL NARROWS, AK		173
	Y	
YAQUINA BAY AND HARBOR, OR		164
YAQUINA RIVER, OR		164
YOUNGS BAY AND YOUNGS RIVER, OR		164

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(09/30/2003)

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PART 4 - PACIFIC

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