



WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2000

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

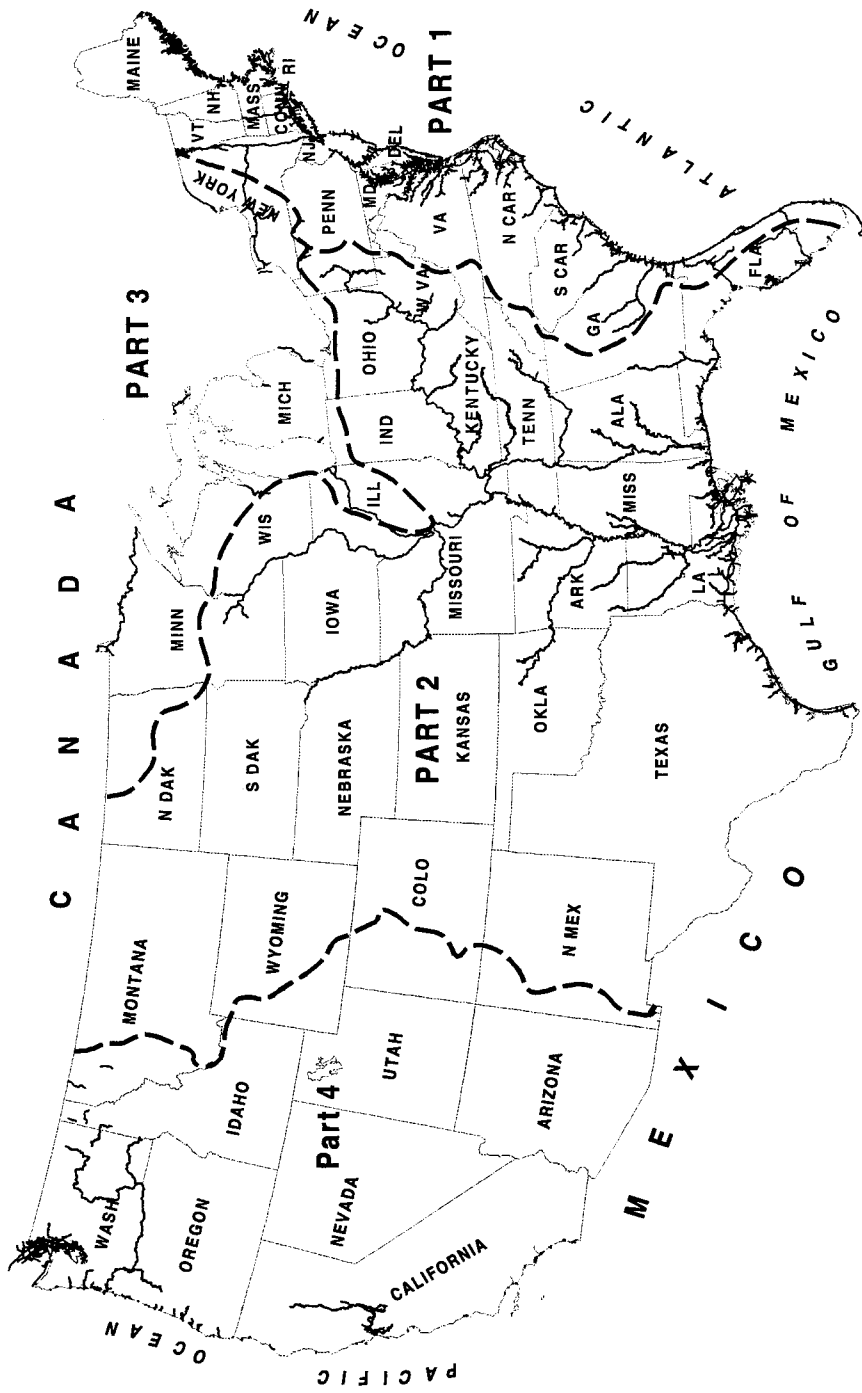


Compiled under the supervision of
the Institute for Water Resources
U.S. Army Corps of Engineers
Alexandria, Virginia

Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the

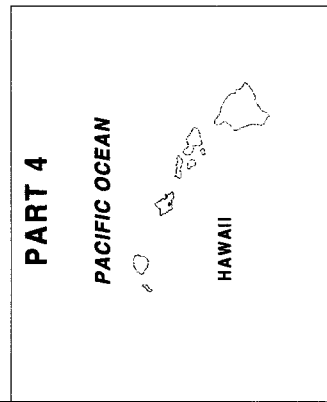
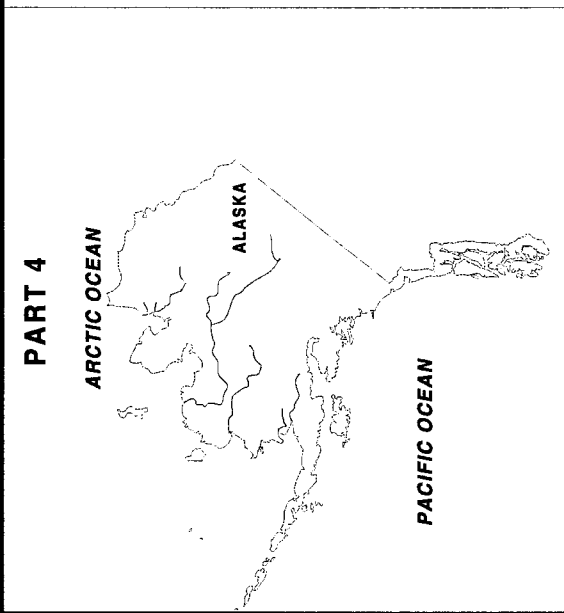
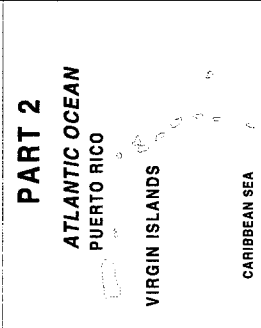
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

(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

PART 2

PART 3

PART 2

Part 4

PART 4

PART 4

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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 Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. Imports, exports, and in-transits, as well as, with commodity movements of other countries.

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-5** represent short tons (2000 pounds). Tonnage figures are rounded to the nearest 1000 tons.

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

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

Ton-Miles

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. Ton-miles are rounded to the nearest 1000 ton-miles. The ton-mile data appears in the publication by traffic

INTRODUCTION

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. Even with

sampling, however, the number of towboat trips are calculated from more than 70% of the total number of towboat moves reported, and the number of barge trips are derived from more than 85% of the total number of barge trips reported.

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 is no longer included in this publication.

Passenger totals are not included in this publication but are available on request.

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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 Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

Tons: The tonnage figures provided throughout the *Waterborne Commerce of the United States*, **WCUS, Parts 1-5** represent short tons (2000 pounds).

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

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

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

Ton-miles are rounded to the nearest thousand.

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

Commodity Classification List

<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>
00	Units					3282	Pigments & Paints
		0200	Vehicles			3283	Coloring Mat. NEC
		0300	Passengers			3284	Medicines
						3285	Perfumes & Cleansers
						3286	Plastics
10	Coal					3291	Pesticides
		1100	Coal			3292	Starches,Gluten,Glue
		1200	Coal Coke			3293	Explosives
						3297	Chemical Additives
20	Petroleum & Petroleum Products					3298	Wood & Resin Chem.
	21 Crude Petroleum					3299	Chem. Products NEC
		2100	Crude Petroleum				
	22-29 Petroleum Products			40	Crude Materials, Inedible Except Fuels		
		2211	Gasoline			41	Forest Products, Wood and Chips
		2221	Kerosene				
		2330	Distillate Fuel Oil			4110	Rubber & Gums
		2340	Residual Fuel Oil			4150	Fuel Wood
		2350	Lube Oil & Greases			4161	Wood Chips
		2410	Petro. Jelly & Waxes			4170	Wood in the Rough
		2429	Naphtha & Solvents			4189	Lumber
		2430	Asphalt, Tar & Pitch			4190	Forest Products NEC
		2540	Petroleum Coke			42	Pulp and Waste Paper
		2640	Liquid Natural Gas				
		2990	Petro. Products NEC			4225	Pulp & Waste Paper
						43	Soil, Sand, Gravel, Rock and Stone
30	Chemicals and Related Products						
	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
						4333	Dredged Material
						4335	Waterway Improv. Mat
						4338	Soil & Fill Dirt
	32 Other Chemicals and Related Products					44	Iron Ore and Scrap
		3211	Acyclic Hydrocarbons				
		3212	Benzene & Toluene			4410	Iron Ore
		3219	Other Hydrocarbons			4420	Iron & Steel Scrap
		3220	Alcohols			45	Marine Shells
		3230	Carboxylic Acids				
		3240	Nitrogen Func. Comp.			4515	Marine Shells
		3250	Organo-Inorganic Comp.			46	Non-Ferrous Ores and Scrap
		3260	Organic Comp. NEC				
		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				
		3281	Radioactive Material			4741	Sulphur, (Dry)
						4782	Clay & Refrac. Mat.
						4783	Salt
						48	Slag
						4860	Slag
						49	Other Non-Metal. Min.
						4900	Non-Metal. Min. NEC

Commodity Classification List (continued)

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

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
1991	904	1994	1,167	1997	1,724	2000	3,653
1992	638	1995	1,351	1998	1,873		
1993	1,294	1996	1,842	1999	2,659		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound	Inbound
Total, all commodities	2,969	2,156	618	195
Total chemicals and related products	732	107	604	20
Subtotal fertilizers	107	107	—	—
3110 nitrogenous fert.	73	73	—	—
3190 fert. & mixes nec	33	33	—	—
Subtotal other chemicals and related products	625	0	604	20
3276 metallic salts	604	—	604	—
3299 chem. products nec	21	0	—	20
Total crude materials, inedible except fuels	924	798	—	125
Subtotal forest products, wood and chips	22	22	—	—
4190 forest products nec	22	22	—	—
Subtotal soil, sand, gravel, rock and stone	902	776	—	125
4331 sand & gravel	902	776	—	125
Total primary manufactured goods	808	758	0	49
Subtotal paper products	63	14	—	49
5110 newsprint	49	—	—	49
5120 paper & paperboard	1	1	—	—
5190 paper products nec	13	13	—	—
Subtotal lime, cement and glass	739	739	—	—
5220 cement & concrete	739	739	—	—
Subtotal primary iron and steel products	2	2	—	—
5320 i&s primary forms	2	2	—	—
Subtotal primary non-ferrous metal products	3	3	0	—
5480 fab. metal products	3	3	0	—
Total food and farm products	87	87	—	—
Subtotal oilseeds	28	28	—	—
6590 oilseeds nec	28	28	—	—
Subtotal vegetable products	0	0	—	—
6654 vegetables & prod.	0	0	—	—
Subtotal other agricultural products	58	58	—	—
6857 fruit & nuts nec	58	58	—	—
Total all manufactured equipment, machinery and products	405	391	14	—
7110 machinery (not elec)	8	4	4	—
7120 electrical machinery	4	4	—	—
7210 vehicles & parts	393	383	10	—
7230 ships & boats	0	—	0	—
Total unknown or not elsewhere classified	14	14	—	—
9900 unknown or nec	14	14	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	684	619	4	23	19	19
Total petroleum and petroleum products	459	440	—	—	—	19
Subtotal petroleum products	459	440	—	—	—	19
2211 gasoline	149	149	—	—	—	—
2330 distillate fuel oil	11	11	—	—	—	—
2340 residual fuel oil	299	281	—	—	—	19
Total crude materials, inedible except fuels	219	176	2	23	19	—
Subtotal forest products, wood and chips	206	162	2	23	19	—
4189 lumber	164	162	2	—	—	—
4190 forest products nec	42	—	—	23	19	—
Subtotal iron ore and scrap	14	14	—	—	—	—
4420 iron & steel scrap	14	14	—	—	—	—
Total primary manufactured goods	4	2	2	—	—	—
Subtotal primary iron and steel products	0	0	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—
Subtotal primary non-ferrous metal products	4	2	2	—	—	—
5480 fab. metal products	4	2	2	—	—	—

SAN DIEGO HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total all manufactured equipment, machinery and products	1	1	—	—	—	—
7900 manufac. prod. nec	1	1	—	—	—	—

*Includes 3 (x1000) 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
1991	52,891	1994	56,522	1997	57,255	2000	70,150
1992	52,049	1995	53,227	1998	57,745		
1993	54,321	1996	58,395	1999	60,883		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	52,750	36,282	15,738	704	26
Total coal	96	0	96	—	—
1100 coal lignite	95	0	95	—	—
1200 coal coke	1	0	1	—	—
Total petroleum and petroleum products	20,486	14,994	5,390	80	23
Subtotal crude petroleum	11,010	11,010	0	—	—
2100 crude petroleum	11,010	11,010	0	—	—
Subtotal petroleum products	9,475	3,984	5,390	80	23
2211 gasoline	216	200	0	16	—
2221 kerosene	1,056	1,055	0	—	—
2330 distillate fuel oil	883	764	76	43	—
2340 residual fuel oil	2,541	1,794	746	—	—
2350 lube oil & greases	198	2	196	—	—
2410 petro. jelly & waxes	10	3	7	0	—
2429 naphtha & solvents	484	162	302	20	—
2430 asphalt, tar & pitch	1	0	1	—	—
2540 petroleum coke	4,068	1	4,044	—	23
2640 liquid natural gas	19	1	18	—	—
Total chemicals and related products	4,414	2,030	2,169	215	—
Subtotal fertilizers	36	4	32	0	—
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	14	0	13	—	—
3190 fert. & mixes nec	22	3	18	0	—
Subtotal other chemicals and related products	4,378	2,026	2,137	215	—
3211 acyclic hydrocarbons	18	0	18	—	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	38	9	19	10	—
3220 alcohols	203	45	104	54	—
3230 carboxylic acids	81	33	48	0	—
3240 nitrogen func. comp.	139	19	120	—	—
3250 organo - inorg. comp.	30	8	21	—	—
3260 organic comp. nec	1,343	1,166	59	118	—
3272 sulphuric acid	7	6	1	—	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	54	23	2	30	—
3275 inorg. elem., oxides, & halogen salts	302	57	244	1	—
3276 metallic salts	139	23	116	0	—
3279 inorganic chem. nec	16	8	8	—	—
3281 radioactive material	5	5	0	—	—
3282 pigments & paints	64	39	25	1	—
3283 coloring mat. nec	22	12	9	—	—
3284 medicines	45	18	27	—	—
3285 perfumes & cleansers	101	33	68	0	—
3286 plastics	1,256	308	947	1	—
3291 pesticides	18	5	14	—	—
3292 starches, gluten, glue	48	20	28	—	—
3293 explosives	34	34	0	—	—
3297 chemical additives	160	77	83	—	—
3298 wood & resin chem.	6	3	2	0	—
3299 chem. products nec	245	73	172	—	—
Total crude materials, inedible except fuels	3,875	867	2,848	160	0
Subtotal forest products, wood and chips	175	98	52	24	—
4110 rubber & gums	20	19	1	—	—
4150 fuel wood	0	0	0	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	22	5	17	—	—
4189 lumber	111	61	25	24	—
Subtotal pulp and waste paper	1,520	35	1,483	1	—
4190 forest products nec	22	12	9	0	—

LONG BEACH HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal pulp and waste paper	1,520	35	1,483	1	---
4225 pulp & waste paper	1,520	35	1,483	1	---
Subtotal soil, sand, gravel, rock and stone	836	686	16	134	---
4310 building stone	81	80	1	0	---
4322 limestone	10	10	1	---	---
4323 gypsum	580	576	4	---	---
4331 sand & gravel	164	19	11	134	---
Subtotal iron ore and scrap	560	1	559	0	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	559	1	559	0	---
Subtotal marine shells	1	1	1	0	---
4515 marine shells	1	1	1	0	---
Subtotal non-ferrous ores and scrap	115	10	105	---	---
4630 copper ore	0	0	---	---	---
4650 aluminum ore	13	6	7	---	---
4680 non-ferrous scrap	97	4	94	---	---
4690 non-ferrous ores nec	5	1	4	---	---
Subtotal sulphur, clay and salt	597	21	576	---	---
4741 sulphur, (dry)	547	3	544	---	---
4782 clay & refrac. mat.	50	18	32	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	70	15	55	---	0
4900 non-metal. min. nec	70	15	55	---	0
Total primary manufactured goods	6,419	5,279	917	223	0
Subtotal paper products	861	422	226	213	0
5110 newsprint	314	104	3	207	---
5120 paper & paperboard	397	196	195	6	---
5190 paper products nec	149	121	28	0	0
Subtotal lime, cement and glass	1,981	1,902	72	7	0
5210 lime	1	0	0	---	---
5220 cement & concrete	956	956	1	---	---
5240 glass & glass prod.	205	175	29	1	---
5290 misc. mineral prod.	819	770	42	6	0
Subtotal primary iron and steel products	1,297	1,201	95	1	---
5312 pig iron	21	19	2	---	---
5315 ferro alloys	15	11	4	---	---
5320 i&s primary forms	149	144	5	1	---
5330 i&s plates & sheets	568	504	64	0	---
5360 i&s bars & shapes	241	237	4	0	---
5370 i&s pipe & tube	233	221	12	---	---
5390 primary i&s nec	69	65	4	0	---
Subtotal primary non-ferrous metal products	2,197	1,682	514	1	0
5421 copper	139	59	80	0	---
5422 aluminum	82	51	31	0	---
5429 smelted prod. nec	403	121	282	---	0
5480 fab. metal products	1,573	1,450	121	1	0
Subtotal primary wood products	84	73	9	2	---
5540 primary wood prod.	84	73	9	2	---
Total food and farm products	4,648	1,834	2,795	18	2
Subtotal fish	417	291	125	1	0
6134 fish (not shellfish)	154	93	60	1	0
6136 shellfish	263	198	65	0	---
Subtotal grain	76	42	33	0	---
6241 wheat	4	0	4	---	---
6344 corn	16	8	8	---	---
6442 rice	55	34	22	---	---
6443 barley & rye	0	0	0	---	---
6445 oats	0	0	0	0	---
6447 sorghum grains	0	0	0	---	---
Subtotal oilseeds	64	10	54	---	---
6521 peanuts	1	0	1	---	---
6522 soybeans	41	4	37	---	---
6590 oilseeds nec	22	6	16	---	---
Subtotal vegetable products	366	161	199	5	0
6653 vegetable oils	38	28	10	0	0
6654 vegetables & prod.	328	134	190	4	0
Subtotal processed grain and animal feed	727	46	681	1	---
6746 wheat flour	2	1	1	0	---
6747 grain mill products	38	20	18	1	---
6781 hay & fodder	450	1	449	0	---
6782 animal feed, prep.	237	24	213	---	---
Subtotal other agricultural products	2,998	1,283	1,703	11	1
6811 meat, fresh, frozen	336	60	275	0	0
6817 meat, prepared	40	13	27	---	---
6822 dairy products	42	11	31	1	---
6835 fish, prepared	34	27	7	0	---
6838 tallow, animal oils	34	2	32	---	---
6839 animals & prod. nec	241	16	225	0	---
6856 bananas & plantains	252	240	12	---	---
6857 fruit & nuts nec	594	120	473	0	0
6858 fruit juices	138	104	34	0	0
6861 sugar	2	2	0	---	---
6865 molasses	49	49	0	---	---

LONG BEACH HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6871 coffee	109	101	7	0	0
6872 cocoa beans	4	3	0	0	—
6885 alcoholic beverages	290	213	74	3	0
6888 water & ice	71	67	1	3	—
6889 food products nec	421	228	190	3	0
6891 tobacco & products	44	4	40	0	—
6893 cotton	268	5	263	—	1
6894 natural fibers nec	5	5	0	0	—
6899 farm products nec	24	13	11	0	—
Total all manufactured equipment, machinery and products	11,756	10,687	1,061	8	0
7110 machinery (not elec)	941	748	192	1	0
7120 electrical machinery	2,573	2,363	209	1	—
7210 vehicles & parts	1,034	942	92	0	0
7220 aircraft & parts	5	3	2	0	—
7230 ships & boats	9	6	3	—	0
7300 ordnance & access.	6	5	2	—	—
7400 manufac. wood prod.	124	113	11	0	—
7500 textile products	1,677	1,490	185	2	—
7600 rubber & plastic pr.	999	850	148	0	0
7900 manufac. prod. nec	4,388	4,167	217	5	0
Total unknown or not elsewhere classified	1,056	591	463	1	1
9900 unknown or nec	1,056	591	463	1	1

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	17,400	14,831	1,443	647	310	168
Total petroleum and petroleum products	16,016	13,951	989	641	309	126
Subtotal crude petroleum	12,057	11,921	136	—	—	—
2100 crude petroleum	12,057	11,921	136	—	—	—
Subtotal petroleum products	3,960	2,031	853	641	309	126
2211 gasoline	1,294	1,106	175	—	14	—
2221 kerosene	9	9	—	—	—	—
2330 distillate fuel oil	1,170	602	486	22	40	20
2340 residual fuel oil	1,210	123	121	613	252	102
2350 lube oil & greases	96	83	—	6	3	4
2429 naphtha & solvents	120	82	38	—	—	—
2990 petro. products nec	60	26	34	—	—	—
Total chemicals and related products	433	421	12	—	—	—
Subtotal other chemicals and related products	433	421	12	—	—	—
3212 benzene & toluene	15	11	4	—	—	—
3219 other hydrocarbons	1	1	—	—	—	—
3260 organic comp. nec	0	—	0	—	—	—
3274 sodium hydroxide	46	46	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	22	22	—	—	—	—
3297 chemical additives	317	310	8	—	—	—
3298 wood & resin chem.	30	30	—	—	—	—
3299 chem. products nec	1	1	0	—	—	—
Total crude materials, inedible except fuels	443	392	14	6	—	32
Subtotal forest products, wood and chips	231	231	—	—	—	—
4189 lumber	230	230	—	—	—	—
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	199	161	—	6	—	32
4331 sand & gravel	196	161	—	6	—	29
4338 soil & fill dirt	3	—	—	—	—	3
Subtotal iron ore and scrap	14	0	14	—	—	—
4420 iron & steel scrap	14	0	14	—	—	—
Subtotal non-ferrous ores and scrap	0	0	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—
Total primary manufactured goods	5	5	0	—	—	0
Subtotal lime, cement and glass	5	5	—	—	—	—
5240 glass & glass prod.	5	5	—	—	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—	0
5480 fab. metal products	0	0	0	—	—	0
Total food and farm products	23	12	0	—	—	10
Subtotal processed grain and animal feed	1	1	—	—	—	—
6747 grain mill products	0	0	—	—	—	—
6782 animal feed, prep.	0	0	—	—	—	—
Subtotal other agricultural products	22	12	0	—	—	10
6822 dairy products	0	0	—	—	—	—
6835 fish, prepared	11	11	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—
6858 fruit juices	0	0	—	—	—	—
6888 water & ice	10	—	—	—	—	10
6889 food products nec	0	0	0	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	478	48	428	1	1	—
7110 machinery (not elec)	5	0	5	—	—	—

LONG BEACH HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
7210 vehicles & parts	9	9	—	—	—	—
7220 aircraft & parts	0	0	—	—	—	—
7500 textile products	1	1	—	—	—	—
7900 manufac. prod. nec	462	37	423	1	1	—
Total unknown or not elsewhere classified	2	2	—	—	—	—
9900 unknown or nec	2	2	—	—	—	—

*Includes 862 (x1000) tons of foreign inbound in-transits; Includes 161 (x1000) tons of foreign outbound in-transits;
Includes 7 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) 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
1991	47,008	1994	43,140	1997	41,774	2000	48,192
1992	40,104	1995	46,479	1998	44,144		
1993	43,623	1996	45,689	1999	42,267		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	42,127	26,721	15,015	365	26
Total coal	3,350	1	3,349	—	—
1100 coal lignite	3,283	1	3,282	—	—
1200 coal coke	67	—	67	—	—
Total petroleum and petroleum products	7,488	4,917	2,498	54	19
Subtotal crude petroleum	1,136	1,111	25	—	—
2100 crude petroleum	1,136	1,111	25	—	—
Subtotal petroleum products	6,352	3,806	2,473	54	19
2211 gasoline	122	113	0	9	—
2221 kerosene	2,425	2,424	1	—	—
2330 distillate fuel oil	511	441	26	45	—
2340 residual fuel oil	1,431	765	666	—	—
2350 lube oil & greases	77	2	75	0	—
2410 petro. jelly & waxes	23	19	5	—	—
2429 naphtha & solvents	77	41	36	—	—
2430 asphalt, tar & pitch	2	0	2	—	—
2540 petroleum coke	1,573	0	1,553	—	19
2640 liquid natural gas	110	0	110	—	—
Total chemicals and related products	4,225	1,607	2,534	83	0
Subtotal fertilizers	14	5	9	0	—
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	0	—	0	—	—
3130 potassic fert.	1	0	0	—	—
3190 fert. & mixes nec	13	4	9	0	—
Subtotal other chemicals and related products	4,211	1,602	2,525	83	0
3211 acyclic hydrocarbons	7	0	6	—	—
3212 benzene & toluene	2	0	2	—	—
3219 other hydrocarbons	44	6	37	0	—
3220 alcohols	134	27	90	18	—
3230 carboxylic acids	89	56	32	0	—
3240 nitrogen func. comp.	159	31	128	—	—
3250 organo - inorg. comp.	62	13	50	0	—
3260 organic comp. nec	755	656	39	60	—
3272 sulphuric acid	4	3	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	78	74	4	—	—
3275 inorg. elem., oxides, & halogen salts	275	56	219	0	0
3276 metallic salts	526	32	494	1	—
3279 inorganic chem. nec	21	14	6	0	—
3281 radioactive material	3	2	0	—	—
3282 pigments & paints	57	25	32	0	0
3283 coloring mat. nec	15	11	4	0	—
3284 medicines	51	27	24	0	—
3285 perfumes & cleansers	115	40	74	0	0
3286 plastics	1,307	340	964	3	—
3291 pesticides	71	8	63	—	—
3292 starches, gluten, glue	97	40	57	0	0
3293 explosives	35	34	1	—	0

LOS ANGELES HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
3297 chemical additives	93	29	64	—	—
3298 wood & resin chem.	7	6	1	0	—
3299 chem. products nec	205	71	133	0	0
Total crude materials, inedible except fuels	2,429	329	1,941	159	0
Subtotal forest products, wood and chips	197	119	60	18	0
4110 rubber & gums	35	34	1	—	0
4150 fuel wood	1	1	0	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	35	15	20	0	—
4189 lumber	100	47	35	18	0
4190 forest products nec	27	22	4	0	—
Subtotal pulp and waste paper	1,229	7	1,207	15	—
4225 pulp & waste paper	1,229	7	1,207	15	—
Subtotal soil, sand, gravel, rock and stone	265	122	18	125	—
4310 building stone	103	102	0	0	—
4322 limestone	2	1	1	0	—
4323 gypsum	3	0	3	—	—
4331 sand & gravel	157	18	14	125	—
Subtotal iron ore and scrap	398	1	397	—	—
4410 iron ore	0	—	0	—	—
4420 iron & steel scrap	398	1	397	—	—
Subtotal marine shells	4	2	2	—	—
4515 marine shells	4	2	2	—	—
Subtotal non-ferrous ores and scrap	127	32	95	0	0
4630 copper ore	0	0	—	—	—
4650 aluminum ore	11	7	4	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	99	21	78	0	—
4690 non-ferrous ores nec	16	3	13	—	0
Subtotal sulphur, clay and salt	114	40	75	0	—
4741 sulphur, (dry)	76	29	47	—	—
4782 clay & refrac. mat.	38	10	28	0	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	94	7	87	0	0
4900 non-metal. min. nec	94	7	87	0	0
Total primary manufactured goods	7,261	6,273	969	18	1
Subtotal paper products	814	413	393	8	0
5110 newsprint	93	75	12	6	—
5120 paper & paperboard	559	216	341	2	0
5190 paper products nec	162	121	41	0	0
Subtotal lime, cement and glass	1,477	1,398	71	9	0
5210 lime	0	0	0	—	—
5220 cement & concrete	764	763	1	—	—
5240 glass & glass prod.	199	156	40	2	0
5290 misc. mineral prod.	514	479	29	6	0
Subtotal primary iron and steel products	2,613	2,576	36	1	0
5312 pig iron	17	17	1	—	—
5315 ferro alloys	5	5	1	—	—
5320 i&s primary forms	1,383	1,378	5	0	—
5330 i&s plates & sheets	597	581	16	0	—
5360 i&s bars & shapes	260	258	2	0	—
5370 i&s pipe & tube	302	293	9	0	0
5390 primary i&s nec	48	44	3	1	—
Subtotal primary non-ferrous metal products	2,216	1,757	457	1	0
5421 copper	66	47	19	0	0
5422 aluminum	83	58	25	0	0
5429 smelted prod. nec	363	40	323	0	—
5480 fab. metal products	1,703	1,613	90	0	0
Subtotal primary wood products	141	130	11	0	0
5540 primary wood prod.	141	130	11	0	0
Total food and farm products	4,691	2,296	2,377	13	4
Subtotal fish	348	257	90	1	0
6134 fish (not shellfish)	134	81	52	1	0
6136 shellfish	214	176	38	0	—
Subtotal grain	132	97	35	0	0
6241 wheat	1	0	1	—	—
6344 corn	15	0	15	0	0
6442 rice	115	96	18	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	1	0	1	—	—
Subtotal oilseeds	52	10	42	0	—
6521 peanuts	6	0	6	—	—
6522 soybeans	26	4	21	—	—
6534 flaxseed	0	—	0	0	—
6590 oilseeds nec	20	5	14	0	—
Subtotal vegetable products	329	173	154	2	0
6653 vegetable oils	27	10	16	1	—
6654 vegetables & prod.	302	163	138	1	0
Subtotal processed grain and animal feed	635	58	576	0	—
6746 wheat flour	2	1	1	—	—
6747 grain mill products	46	25	21	0	—
6781 hay & fodder	379	2	377	0	—
6782 animal feed, prep.	207	30	177	0	—
Subtotal other agricultural products	3,195	1,701	1,481	9	4
6811 meat, fresh, frozen	455	198	254	3	0
6817 meat, prepared	19	7	12	0	0
6822 dairy products	39	12	27	0	0
6835 fish, prepared	59	53	5	1	0
6838 tallow, animal oils	45	0	45	—	—
6839 animals & prod. nec	181	38	143	0	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6856 bananas & plantains	327	326	1	0	0
6857 fruit & nuts nec	555	220	334	0	0
6858 fruit juices	245	221	24	0	0
6861 sugar	1	0	1	—	—
6865 molasses	52	52	0	—	—
6871 coffee	72	68	2	0	1
6872 cocoa beans	8	8	0	0	0
6885 alcoholic beverages	225	175	45	3	2
6888 water & ice	59	58	0	0	0
6889 food products nec	428	242	185	1	0
6891 tobacco & products	35	3	32	0	—
6893 cotton	366	2	363	—	—
6894 natural fibers nec	5	5	1	—	—
6899 farm products nec	20	12	7	0	0
Total all manufactured equipment, machinery and products	11,699	10,610	1,051	37	1
7110 machinery (not elec)	880	725	152	3	0
7120 electrical machinery	2,383	2,192	168	23	0
7210 vehicles & parts	1,432	1,261	171	1	0
7220 aircraft & parts	6	2	4	—	—
7230 ships & boats	8	4	4	0	0
7300 ordnance & access.	3	2	1	—	—
7400 manufac. wood prod.	120	112	7	1	0
7500 textile products	1,387	1,240	146	1	0
7600 rubber & plastic pr.	1,240	1,063	177	0	0
7900 manufac. prod. nec	4,239	4,010	221	8	0
Total unknown or not elsewhere classified	985	688	295	1	1
9900 unknown or nec	985	688	295	1	1

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,065	3,375	1,390	310	647	343
Total petroleum and petroleum products	3,862	2,117	452	309	641	343
Subtotal crude petroleum	18	—	18	—	—	—
2100 crude petroleum	18	—	18	—	—	—
Subtotal petroleum products	3,844	2,117	435	309	641	343
2211 gasoline	904	873	18	14	—	—
2221 kerosene	24	24	—	—	—	—
2330 distillate fuel oil	738	424	233	40	22	19
2340 residual fuel oil	1,583	266	134	252	613	318
2350 lube oil & greases	330	305	9	3	6	7
2429 naphtha & solvents	74	60	14	—	—	—
2430 asphalt, tar & pitch	1	—	1	—	—	—
2640 liquid natural gas	1	0	0	—	—	—
2990 petro. products nec	189	164	25	—	—	—
Total chemicals and related products	294	259	35	—	—	—
Subtotal fertilizers	9	4	5	—	—	—
3110 nitrogenous fert.	4	4	—	—	—	—
3190 fert. & mixes nec	5	0	5	—	—	—
Subtotal other chemicals and related products	284	255	30	—	—	—
3219 other hydrocarbons	7	7	—	—	—	—
3220 alcohols	16	16	—	—	—	—
3274 sodium hydroxide	35	35	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	30	30	—	—	—	—
3281 radioactive material	1	1	—	—	—	—
3282 pigments & paints	10	0	10	—	—	—
3284 medicines	4	—	4	—	—	—
3285 perfumes & cleansers	14	0	14	—	—	—
3286 plastics	1	—	1	—	—	—
3291 pesticides	0	—	0	—	—	—
3293 explosives	1	—	1	—	—	—
3297 chemical additives	158	158	—	—	—	—
3298 wood & resin chem.	7	7	—	—	—	—
Total crude materials, inedible except fuels	576	508	62	—	6	—
Subtotal forest products, wood and chips	21	0	21	—	—	—
4189 lumber	21	0	20	—	—	—
4190 forest products nec	1	0	1	—	—	—
Subtotal pulp and waste paper	0	0	0	—	—	—
4225 pulp & waste paper	0	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	541	496	39	—	6	—
4331 sand & gravel	538	496	37	—	6	—
4338 soil & fill dirt	2	—	2	—	—	—
Subtotal iron ore and scrap	12	12	—	—	—	—
4420 iron & steel scrap	12	12	—	—	—	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal other non-metal. min.	2	0	2	—	—	—
4900 non-metal. min. nec	2	0	2	—	—	—
Total primary manufactured goods	98	3	95	—	—	—
Subtotal paper products	26	1	25	—	—	—
5110 newsprint	0	0	0	—	—	—
5120 paper & paperboard	4	—	4	—	—	—
5190 paper products nec	22	1	20	—	—	—
Subtotal lime, cement and glass	41	1	40	—	—	—
5220 cement & concrete	12	0	12	—	—	—
5240 glass & glass prod.	0	—	0	—	—	—
5290 misc. mineral prod.	28	0	28	—	—	—
Subtotal primary iron and steel products	0	0	0	—	—	—
5370 i&s pipe & tube	0	0	0	—	—	—
Subtotal primary non-ferrous metal products	29	1	29	—	—	—
5480 fab. metal products	29	1	29	—	—	—
Subtotal primary wood products	1	0	1	—	—	—
5540 primary wood prod.	1	0	1	—	—	—
Total food and farm products	634	355	279	—	—	—
Subtotal fish	1	0	1	—	—	—
6134 fish (not shellfish)	1	0	1	—	—	—
Subtotal grain	0	0	0	—	—	—
6442 rice	0	0	0	—	—	—
Subtotal vegetable products	20	4	16	—	—	—
6654 vegetables & prod.	20	4	16	—	—	—
Subtotal processed grain and animal feed	30	18	13	—	—	—
6746 wheat flour	5	—	5	—	—	—
6747 grain mill products	3	—	3	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	23	18	5	—	—	—
Subtotal other agricultural products	582	332	250	—	—	—
6811 meat, fresh, frozen	19	0	19	—	—	—
6822 dairy products	2	—	2	—	—	—
6835 fish, prepared	213	213	—	—	—	—
6839 animals & prod. nec	2	2	0	—	—	—
6856 bananas & plantains	4	—	4	—	—	—
6857 fruit & nuts nec	5	1	4	—	—	—
6858 fruit juices	76	74	2	—	—	—
6861 sugar	1	1	0	—	—	—
6865 molasses	9	9	—	—	—	—
6871 coffee	1	0	0	—	—	—
6885 alcoholic beverages	92	0	92	—	—	—
6887 groceries	24	0	24	—	—	—
6889 food products nec	126	24	102	—	—	—
6891 tobacco & products	0	—	0	—	—	—
6899 farm products nec	7	7	—	—	—	—
Total all manufactured equipment, machinery and products	601	133	466	1	1	0
7110 machinery (not elec)	62	23	40	—	—	—
7120 electrical machinery	13	0	13	—	—	—
7210 vehicles & parts	86	31	55	—	—	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	1	0	0	—	—	—
7400 manufac. wood prod.	5	0	5	—	—	—
7500 textile products	14	6	8	—	—	—
7600 rubber & plastic pr.	6	1	5	—	—	—
7900 manufac. prod. nec	413	71	340	1	1	0
Total unknown or not elsewhere classified	1	0	1	—	—	—
9900 unknown or nec	1	0	1	—	—	—

*Includes 713 (x1000) tons of foreign inbound in-transits; Includes 137 (x1000) tons of foreign outbound in-transits;
Includes 24 (x1000) tons of Canadian inbound in-transits; Includes 4 (x1000) 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
1991	416	1994	814	1997	988	2000	1,194
1992	474	1995	1,076	1998	1,328		
1993	696	1996	943	1999	1,121		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Intraport
		Inbound*	Outbound*	Total	Coastwise		
					Receipts	Shipments	
Total, all commodities	1,194	971	116	107	58	42	7
Total petroleum and petroleum products	58	—	—	58	47	10	—
Subtotal petroleum products	58	—	—	58	47	10	—
2340 residual fuel oil	58	—	—	58	47	10	—
Total chemicals and related products	71	71	0	—	—	—	—
Subtotal fertilizers	55	55	—	—	—	—	—
3110 nitrogenous fert.	55	55	—	—	—	—	—
Subtotal other chemicals and related products	16	16	0	—	—	—	—
3291 pesticides	0	—	0	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—	—
3299 chem. products nec	16	16	—	—	—	—	—
Total crude materials, inedible except fuels	63	45	0	17	10	—	7
Subtotal forest products, wood and chips	0	0	0	—	—	—	—
4150 fuel wood	0	—	0	—	—	—	—
4170 wood in the rough	0	0	—	—	—	—	—
4189 lumber	0	0	—	—	—	—	—
Subtotal pulp and waste paper	45	45	—	—	—	—	—
4225 pulp & waste paper	45	45	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	17	—	—	17	10	—	7
4331 sand & gravel	17	—	—	17	10	—	7
Subtotal non-ferrous ores and scrap	0	—	0	—	—	—	—
4680 non-ferrous scrap	0	—	0	—	—	—	—
Total primary manufactured goods	1	1	0	—	—	—	—
Subtotal paper products	0	0	—	—	—	—	—
5190 paper products nec	0	0	—	—	—	—	—
Subtotal primary iron and steel products	1	1	—	—	—	—	—
5320 i&s primary forms	0	0	—	—	—	—	—
5370 i&s pipe & tube	1	1	—	—	—	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—	—	—
5480 fab. metal products	0	0	0	—	—	—	—
Subtotal primary wood products	1	1	—	—	—	—	—
5540 primary wood prod.	1	1	—	—	—	—	—
Total food and farm products	565	461	104	—	—	—	—
Subtotal fish	2	2	—	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—	—
6136 shellfish	1	1	—	—	—	—	—
Subtotal other agricultural products	563	460	104	—	—	—	—
6835 fish, prepared	1	1	—	—	—	—	—
6856 bananas & plantains	420	420	0	—	—	—	—
6857 fruit & nuts nec	142	39	103	—	—	—	—
6858 fruit juices	0	0	—	—	—	—	—
6889 food products nec	0	0	—	—	—	—	—

PORT HUENEME, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Intraport
		Inbound*	Outbound*	Total	Coastwise		
					Receipts	Shipments	
Total all manufactured equipment, machinery and products	378	336	10	32	—	32	—
7110 machinery (not elec)	77	45	0	32	—	32	—
7120 electrical machinery	0	0	—	—	—	—	—
7210 vehicles & parts	297	289	8	—	—	—	—
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	—	—	—	—
7600 rubber & plastic pr.	0	0	0	—	—	—	—
7900 manufac. prod. nec	1	0	1	—	—	—	—
Total unknown or not elsewhere classified	58	56	2	—	—	—	—
9900 unknown or nec	58	56	2	—	—	—	—

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

Other Harbors and Waterways 2000

Harbor or Waterway Project	Commodity	Thousand Short Tons
MISSION BAY, CA	No Commerce Reported	
MORRO BAY HARBOR, CA	4331 sand & gravel	9
	Total Tons(x1000)	9
NEWPORT BAY HARBOR, CA	7210 vehicles & parts	77
	7230 ships & boats	0
	Total Tons(x1000)	77
REDONDO BEACH, CA	No Commerce Reported	
SANTA BARBARA HARBOR, CA	No Commerce Reported	
	Non-project	
ELLWOOD, CA	2100 crude petroleum	224
	5480 fab. metal products	0
	7110 machinery (not elec)	32
	7230 ships & boats	0
	7900 manufac. prod. nec	5
	Total Tons(x1000)	261

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
1991	1,335	1994	1,573	1997	1,178	2000	867
1992	1,160	1995	1,171	1998	946		
1993	1,094	1996	1,289	1999	925		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound*	Outbound	Inbound	Internal Inbound Upbound
Total, all commodities	867	148	602	102	15
Total chemicals and related products	173	97	—	76	—
Subtotal fertilizers	103	91	—	12	—
3110 nitrogenous fert.	103	91	—	12	—
Subtotal other chemicals and related products	69	6	—	64	—
3273 ammonia	64	—	—	64	—
3276 metallic salts	0	0	—	—	—
3286 plastics	6	6	—	—	—
3292 starches, gluten, glue	0	0	—	—	—
Total crude materials, inedible except fuels	289	4	269	—	15
Subtotal forest products, wood and chips	246	3	243	—	—
4161 wood chips	216	—	216	—	—
4170 wood in the rough	1	1	—	—	—
4189 lumber	30	2	27	—	—
Subtotal pulp and waste paper	20	—	20	—	—
4225 pulp & waste paper	20	—	20	—	—
Subtotal soil, sand, gravel, rock and stone	1	1	—	—	—
4331 sand & gravel	1	1	—	—	—
Subtotal marine shells	15	—	—	—	15
4515 marine shells	15	—	—	—	15
Subtotal sulphur, clay and salt	6	—	6	—	—
4741 sulphur, (dry)	6	—	6	—	—
Total primary manufactured goods	34	31	—	3	—
Subtotal paper products	3	0	—	3	—
5110 newsprint	3	—	—	3	—
5120 paper & paperboard	0	0	—	—	—
5190 paper products nec	0	0	—	—	—
Subtotal lime, cement and glass	26	26	—	—	—
5220 cement & concrete	26	26	—	—	—
5240 glass & glass prod.	0	0	—	—	—
Subtotal primary non-ferrous metal products	0	0	—	—	—
5480 fab. metal products	0	0	—	—	—
Subtotal primary wood products	4	4	—	—	—
5540 primary wood prod.	4	4	—	—	—
Total food and farm products	371	16	332	23	—
Subtotal grain	325	—	309	16	—
6241 wheat	42	—	42	—	—
6442 rice	267	—	267	—	—
6443 barley & rye	14	—	—	14	—
6445 oats	2	—	—	2	—
Subtotal oilseeds	23	—	23	—	—
6590 oilseeds nec	23	—	23	—	—
Subtotal vegetable products	8	0	—	8	—
6653 vegetable oils	8	—	—	8	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal processed grain and animal feed	15	15	—	—	—
6782 animal feed, prep.	15	15	—	—	—
Subtotal other agricultural products	1	1	—	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	0	0	—	—	—
6888 water & ice	0	0	—	—	—
Total all manufactured equipment, machinery and products	0	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	—	—	—

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP CHANNEL
AND THE PORT OF SACRAMENTO, CA)
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound*	Outbound	Inbound	Internal
					Inbound
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—
Ton-miles (x1000)	73,263	12,730	51,749	8,783	0

Tons All Traffic (x1000) 867
Ton-miles All Traffic (x1000) 73,263

*Includes 0 (x1000) tons of foreign inbound 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
1991	1,197	1994	1,542	1997	1,143	2000	852
1992	1,136	1995	1,131	1998	925		
1993	1,078	1996	1,240	1999	912		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound	Inbound
Total, all commodities	852	148	602	102
Total chemicals and related products	173	97	—	76
Subtotal fertilizers	103	91	—	12
3110 nitrogenous fert.	103	91	—	12
Subtotal other chemicals and related products	69	6	—	64
3273 ammonia	64	—	—	64
3276 metallic salts	0	0	—	—
3286 plastics	6	6	—	—
3292 starches, gluten, glue	0	0	—	—
Total crude materials, inedible except fuels	273	4	269	—
Subtotal forest products, wood and chips	246	3	243	—
4161 wood chips	216	—	216	—
4170 wood in the rough	1	1	—	—
4189 lumber	30	2	27	—
Subtotal pulp and waste paper	20	—	20	—
4225 pulp & waste paper	20	—	20	—
Subtotal soil, sand, gravel, rock and stone	1	1	—	—
4331 sand & gravel	1	1	—	—
Subtotal sulphur, clay and salt	6	—	6	—
4741 sulphur, (dry)	6	—	6	—
Total primary manufactured goods	34	31	—	3
Subtotal paper products	3	0	—	3
5110 newsprint	3	—	—	3
5120 paper & paperboard	0	0	—	—
5190 paper products nec	0	0	—	—
Subtotal lime, cement and glass	26	26	—	—
5220 cement & concrete	26	26	—	—
5240 glass & glass prod.	0	0	—	—
Subtotal primary non-ferrous metal products	0	0	—	—
5480 fab. metal products	0	0	—	—
Subtotal primary wood products	4	4	—	—
5540 primary wood prod.	4	4	—	—
Total food and farm products	371	16	332	23
Subtotal grain	325	—	309	16
6241 wheat	42	—	42	—
6442 rice	267	—	267	—
6443 barley & rye	14	—	—	14
6445 oats	2	—	—	2
Subtotal oilseeds	23	—	23	—
6590 oilseeds nec	23	—	23	—
Subtotal vegetable products	8	0	—	8
6653 vegetable oils	8	—	—	8
6654 vegetables & prod.	0	0	—	—
Subtotal processed grain and animal feed	15	15	—	—
6782 animal feed, prep.	15	15	—	—
Subtotal other agricultural products	1	1	—	—
6872 cocoa beans	0	0	—	—

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound	Inbound
6885 alcoholic beverages	0	0	—	—
6888 water & ice	0	0	—	—
Total all manufactured equipment, machinery and products	0	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	1	1	—	—
9900 unknown or nec	1	1	—	—
Ton-miles (x1000)	34,928	6,069	24,671	4,187

Tons All Traffic (x1000) **852**
Ton-miles All Traffic (x1000) **34,928**

*Includes 0 (x1000) tons of foreign inbound 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
1991	1,226	1994	1,545	1997	1,143	2000	852
1992	1,136	1995	1,137	1998	925		
1993	1,078	1996	1,240	1999	915		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound	Inbound
Total, all commodities	852	148	602	102
Total chemicals and related products	173	97	—	76
Subtotal fertilizers	103	91	—	12
3110 nitrogenous fert.	103	91	—	12
Subtotal other chemicals and related products	69	6	—	64
3273 ammonia	64	—	—	64
3276 metallic salts	0	0	—	—
3286 plastics	6	6	—	—
3292 starches, gluten, glue	0	0	—	—
Total crude materials, inedible except fuels	273	4	269	—
Subtotal forest products, wood and chips	246	3	243	—
4161 wood chips	216	—	216	—
4170 wood in the rough	1	1	—	—
4189 lumber	30	2	27	—
Subtotal pulp and waste paper	20	—	20	—
4225 pulp & waste paper	20	—	20	—
Subtotal soil, sand, gravel, rock and stone	1	1	—	—
4331 sand & gravel	1	1	—	—
Subtotal sulphur, clay and salt	6	—	6	—
4741 sulphur, (dry)	6	—	6	—
Total primary manufactured goods	34	31	—	3
Subtotal paper products	3	0	—	3
5110 newsprint	3	—	—	3
5120 paper & paperboard	0	0	—	—
5190 paper products nec	0	0	—	—
Subtotal lime, cement and glass	26	26	—	—
5220 cement & concrete	26	26	—	—
5240 glass & glass prod.	0	0	—	—
Subtotal primary non-ferrous metal products	0	0	—	—
5480 fab. metal products	0	0	—	—
Subtotal primary wood products	4	4	—	—
5540 primary wood prod.	4	4	—	—
Total food and farm products	371	16	332	23
Subtotal grain	325	—	309	16
6241 wheat	42	—	42	—
6442 rice	267	—	267	—
6443 barley & rye	14	—	—	14
6445 oats	2	—	—	2

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian
		Inbound*	Outbound	Inbound
Subtotal oilseeds	23	—	23	—
6590 oilseeds nec	23	—	23	—
Subtotal vegetable products	8	0	—	8
6653 vegetable oils	8	—	—	8
6654 vegetables & prod.	0	0	—	—
Subtotal processed grain and animal feed	15	15	—	—
6782 animal feed, prep.	15	15	—	—
Subtotal other agricultural products	1	1	—	—
6872 cocoa beans	0	0	—	—
6885 alcoholic beverages	0	0	—	—
6888 water & ice	0	0	—	—
Total all manufactured equipment, machinery and products	0	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	1	1	—	—
9900 unknown or nec	1	1	—	—

*Includes 0 (x1000) tons of foreign inbound 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 Hillis 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
1991	3,345	1994	3,337	1997	3,292	2000	3,755
1992	3,530	1995	3,315	1998	3,325		
1993	2,493	1996	2,716	1999	3,051		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic					
		Inbound*	Outbound*	Inbound	Total	Coastwise		Internal		
						Receipts	Shipments	Inbound	Outbound	
						Upbound	Downbnd			
Total, all commodities	3,755	2,327	995	173	260	46	17	99	98	
Total coal	38	—	38	—	—	—	—	—	—	—
1100 coal lignite	19	—	19	—	—	—	—	—	—	—
1200 coal coke	19	—	19	—	—	—	—	—	—	—
Total petroleum and petroleum products	727	7	626	—	93	—	17	—	76	
Subtotal petroleum products	727	7	626	—	93	—	17	—	76	
2211 gasoline	7	7	—	—	—	—	—	—	—	—
2340 residual fuel oil	93	—	—	—	93	—	17	—	—	76
2540 petroleum coke	626	—	626	—	—	—	—	—	—	—
Total chemicals and related products	476	309	4	118	46	46	—	—	—	—
Subtotal fertilizers	187	179	—	—	8	8	—	—	—	—
3110 nitrogenous fert.	173	166	—	—	8	8	—	—	—	—
3130 potassic fert.	0	0	—	—	—	—	—	—	—	—
3190 fert. & mixes nec	13	13	—	—	—	—	—	—	—	—
Subtotal other chemicals and related products	290	130	4	118	39	39	—	—	—	—
3211 acyclic hydrocarbons	2	—	2	—	—	—	—	—	—	—
3260 organic comp. nec	1	—	1	—	—	—	—	—	—	—

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Inbound Upbound	Outbound Downbnd
3273 ammonia	201	99	—	102	—	—	—	—	—
3274 sodium hydroxide	29	—	—	16	13	13	—	—	—
3275 inorg. elem., oxides, & halogen salts	2	2	—	—	—	—	—	—	—
3276 metallic salts	26	—	—	—	26	26	—	—	—
3293 explosives	1	1	—	—	—	—	—	—	—
3299 chem. products nec	28	28	0	—	—	—	—	—	—
Total crude materials, inedible except fuels	377	164	212	—	—	—	—	—	—
Subtotal forest products, wood and chips	6	6	—	—	—	—	—	—	—
4170 wood in the rough	2	2	—	—	—	—	—	—	—
4189 lumber	5	5	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	158	158	—	—	—	—	—	—	—
4323 gypsum	157	157	—	—	—	—	—	—	—
4331 sand & gravel	1	1	—	—	—	—	—	—	—
Subtotal iron ore and scrap	28	—	28	—	—	—	—	—	—
4420 iron & steel scrap	28	—	28	—	—	—	—	—	—
Subtotal sulphur, clay and salt	185	—	185	—	—	—	—	—	—
4741 sulphur, (dry)	185	—	185	—	—	—	—	—	—
Total primary manufactured goods	1,466	1,444	—	—	22	—	—	1	22
Subtotal lime, cement and glass	579	558	—	—	22	—	—	—	22
5220 cement & concrete	558	558	—	—	—	—	—	—	—
5290 misc. mineral prod.	22	—	—	—	22	—	—	—	22
Subtotal primary iron and steel products	525	525	—	—	—	—	—	—	—
5320 i&s primary forms	2	2	—	—	—	—	—	—	—
5330 i&s plates & sheets	501	501	—	—	—	—	—	—	—
5360 i&s bars & shapes	14	14	—	—	—	—	—	—	—
5370 i&s pipe & tube	8	8	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	359	359	—	—	1	—	—	1	—
5480 fab. metal products	359	359	—	—	1	—	—	1	—
Subtotal primary wood products	3	3	—	—	—	—	—	—	—
5540 primary wood prod.	3	3	—	—	—	—	—	—	—
Total food and farm products	663	395	114	55	99	—	—	99	—
Subtotal grain	129	—	109	19	—	—	—	—	—
6442 rice	109	—	109	19	—	—	—	—	—
6443 barley & rye	19	—	—	—	—	—	—	—	—
Subtotal oilseeds	273	268	5	—	—	—	—	—	—
6590 oilseeds nec	273	268	5	—	—	—	—	—	—
Subtotal processed grain and animal feed	35	—	—	35	—	—	—	—	—
6781 hay & fodder	27	—	—	27	—	—	—	—	—
6782 animal feed, prep.	8	—	—	8	—	—	—	—	—

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbound	
Subtotal other agricultural products	225	127	---	---	99	---	---	99	---
6865 molasses	210	111	---	---	99	---	---	99	---
6899 farm products nec	16	16	---	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	8	8	1	---	---	---	---	---	---
7110 machinery (not elec)	6	5	0	---	---	---	---	---	---
7120 electrical machinery	1	1	---	---	---	---	---	---	---
7230 ships & boats	1	1	---	---	---	---	---	---	---
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)	89,177	61,800	15,651	5,909	5,817	1,407	17	4,144	249

Tons All Traffic (x1000) **3,755**
Ton-miles All Traffic (x1000) **89,177**

*Includes 12 (x1000) tons of foreign inbound in-transits; Includes 10 (x1000) 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
1991	1,491	1994	1,609	1997	1,647	2000	2,051
1992	1,719	1995	1,320	1998	1,339		
1993	1,103	1996	1,143	1999	1,315		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound*	Inbound	Total	Coastwise	Internal
					Receipts	Receipts	Receipts
Total, all commodities	2,051	1,422	357	140	132	33	99
Total petroleum and petroleum products	42	7	34	---	---	---	---
Subtotal petroleum products	42	7	34	---	---	---	---
2211 gasoline	7	7	---	---	---	---	---
2540 petroleum coke	34	---	34	---	---	---	---
Total chemicals and related products	446	308	4	102	33	33	---
Subtotal fertilizers	187	179	---	---	8	8	---
3110 nitrogenous fert.	173	166	---	---	8	8	---
3130 potassic fert.	0	0	---	---	---	---	---
3190 fert. & mixes nec	13	13	---	---	---	---	---
Subtotal other chemicals and related products	259	129	4	102	26	26	---
3211 acyclic hydrocarbons	2	---	2	---	---	---	---
3260 organic comp. nec	1	---	1	---	---	---	---
3273 ammonia	201	99	---	102	---	---	---
3275 inorg. elem., oxides, & halogen salts	2	2	---	---	---	---	---
3276 metallic salts	26	---	---	---	26	26	---
3299 chem. products nec	28	28	0	---	---	---	---
Total crude materials, inedible except fuels	213	8	205	---	---	---	---
Subtotal forest products, wood and chips	6	6	---	---	---	---	---
4170 wood in the rough	2	2	---	---	---	---	---
4189 lumber	5	5	---	---	---	---	---

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound*	Inbound	Total	Coastwise Receipts	Internal Receipts
Subtotal soil, sand, gravel, rock and stone	1	1	—	—	—	—	—
4331 sand & gravel	1	1	—	—	—	—	—
Subtotal iron ore and scrap	28	—	28	—	—	—	—
4420 iron & steel scrap	28	—	28	—	—	—	—
Subtotal sulphur, clay and salt	177	—	177	—	—	—	—
4741 sulphur, (dry)	177	—	177	—	—	—	—
Total primary manufactured goods	696	696	—	—	—	—	—
Subtotal lime, cement and glass	525	525	—	—	—	—	—
5220 cement & concrete	525	525	—	—	—	—	—
Subtotal primary iron and steel products	151	151	—	—	—	—	—
5320 i&s primary forms	2	2	—	—	—	—	—
5330 i&s plates & sheets	126	126	—	—	—	—	—
5360 i&s bars & shapes	14	14	—	—	—	—	—
5370 i&s pipe & tube	8	8	—	—	—	—	—
Subtotal primary non-ferrous metal products	19	19	—	—	—	—	—
5480 fab. metal products	19	19	—	—	—	—	—
Subtotal primary wood products	3	3	—	—	—	—	—
5540 primary wood prod.	3	3	—	—	—	—	—
Total food and farm products	646	395	114	38	99	—	99
Subtotal grain	121	—	109	11	—	—	—
6442 rice	109	—	109	—	—	—	—
6443 barley & rye	11	—	—	11	—	—	—
Subtotal oilseeds	273	268	5	—	—	—	—
6590 oilseeds nec	273	268	5	—	—	—	—
Subtotal processed grain and animal feed	27	—	—	27	—	—	—
6781 hay & fodder	27	—	—	27	—	—	—
Subtotal other agricultural products	225	127	—	—	99	—	99
6865 molasses	210	111	—	—	99	—	99
6899 farm products nec	16	16	—	—	—	—	—
Total all manufactured equipment, machinery and products	8	8	1	—	—	—	—
7110 machinery (not elec)	6	5	0	—	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—
7230 ships & boats	1	1	—	—	—	—	—
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	—	—	—	—	—

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

Other Harbors and Waterways 2000

Harbor or Waterway Project	Commodity	Thousand Short Tons
MIDDLE RIVER, CA	No Commerce Reported	
MOKELUMNE RIVER, CA	No Commerce Reported	
OLD RIVER, CA	No Commerce Reported	

TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA
Freight Traffic, 2000
(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	2,909	680	4,491	1,381	2,541	48	12,050	19.53	6,390
COYOTE HILL SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
NAPA RIVER, CA	---	---	---	---	42	---	42	0.07	---
NEWARK SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
OAKLAND HARBOR, CA	3,905	6,391	311	1,150	419	---	12,176	19.73	---
OTHER SAN FRANCISCO BAY AREA PORTS, CA	---	---	1,933	47	2,419	17	4,416	7.16	---
PETALUMA RIVER, CA	---	---	---	---	325	---	325	0.53	---
REDWOOD CITY HARBOR, CA	503	227	---	4	1	---	734	1.19	---
RICHMOND HARBOR, CA	9,325	1,045	5,170	2,659	1,019	246	19,464	31.54	---
SACRAMENTO RIVER, CA	250	602	---	---	15	---	867	1.41	---
SAN FRANCISCO HARBOR, CA	2,001	1,319	17	7	282	0	3,626	5.88	---
SAN JOAQUIN RIVER, CA**	2,500	995	46	17	197	---	3,755	6.08	---
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	841	106	55	177	1,177	---	2,356	3.82	17,561
SAN RAFAEL CREEK, CA	---	---	---	---	---	---	---	0.00	---
SUISUN BAY CHANNEL, CA	122	8	49	313	1,401	---	1,893	3.07	4,622
SUISUN CHANNEL, CA	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	22,355	11,373	12,073	5,755	9,839	311	61,706	---	28,573
PERCENT (UNADJUSTED)	36.23	18.43	19.57	9.33	15.95	0.50	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA***	22,355	11,373	12,073	5,755	4,920	311	56,786	---	---
PERCENT (ADJUSTED)	39.37	20.03	21.26	10.13	8.66	0.55	---	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
1991	61,150	1994	67,220	1997	53,698	2000	51,556
1992	67,119	1995	61,356	1998	49,929		
1993	65,727	1996	59,850	1999	50,666		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
Total, all commodities	51,556	21,626	11,311	729	62	17,828	12,073	5,755
Total coal	324	284	39	---	---	---	---	---
1100 coal lignite	19	0	19	---	---	---	---	---
1200 coal coke	304	284	20	---	---	---	---	---
Total petroleum and petroleum products	30,556	11,654	2,986	48	19	15,849	11,317	4,531
Subtotal crude petroleum	19,327	9,643	118	---	---	9,565	9,518	47
2100 crude petroleum	19,327	9,643	118	---	---	9,565	9,518	47
Subtotal petroleum products	11,229	2,011	2,867	48	19	6,283	1,799	4,484
2211 gasoline	3,283	65	28	27	14	3,150	716	2,434
2221 kerosene	589	589	0	---	---	---	---	---
2330 distillate fuel oil	2,048	407	211	12	---	1,419	730	689
2340 residual fuel oil	2,754	740	1,296	10	---	707	170	538
2350 lube oil & greases	711	42	112	0	---	557	68	489
2410 petro. jelly & waxes	62	60	2	---	---	---	---	---
2429 naphtha & solvents	332	108	108	---	4	112	77	35
2430 asphalt, tar & pitch	31	---	1	---	---	30	17	13
2540 petroleum coke	1,109	0	1,109	---	---	---	---	---
2640 liquid natural gas	1	0	0	---	---	0	0	0
2990 petro. products nec	309	---	---	---	---	309	22	287

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total chemicals and related products	3,423	1,902	717	525	9	270	161	109
Subtotal fertilizers	465	423	9	12	—	20	8	12
3110 nitrogenous fert.	424	400	0	12	—	12	8	4
3130 potassic fert.	0	0	0	—	—	—	—	—
3190 fert. & mixes nec	41	23	9	—	—	9	0	8
Subtotal other chemicals and related products	2,959	1,479	708	513	9	250	154	96
3211 acyclic hydrocarbons	90	0	67	—	—	23	—	23
3212 benzene & toluene	23	22	1	—	—	—	—	—
3219 other hydrocarbons	5	2	3	—	—	—	—	—
3220 alcohols	182	54	5	105	—	18	—	18
3230 carboxylic acids	37	17	20	0	—	—	—	—
3240 nitrogen func. comp.	31	4	28	—	—	—	—	—
3250 organo - inorg. comp.	7	1	5	—	—	—	—	—
3260 organic comp. nec	1,173	968	7	199	—	—	—	—
3272 sulphuric acid	2	1	1	—	—	—	—	—
3273 ammonia	293	99	1	193	—	—	—	—
3274 sodium hydroxide	191	84	0	16	3	87	87	—
3275 inorg. elem., oxides, & halogen salts	366	8	339	0	—	18	—	18
3276 metallic salts	51	7	8	0	6	29	26	4
3279 inorganic chem. nec	5	4	1	—	—	—	—	—
3281 radioactive material	3	1	2	—	—	0	0	—
3282 pigments & paints	17	2	12	—	—	3	0	3
3283 coloring mat. nec	2	0	2	—	—	—	—	—
3284 medicines	17	2	14	—	—	1	0	0
3285 perfumes & cleansers	44	3	29	0	0	12	0	12
3286 plastics	186	82	102	—	—	2	0	2
3291 pesticides	4	1	3	—	—	1	—	1
3292 starches, gluten, glue	74	53	21	0	—	—	—	—
3293 explosives	3	2	1	—	—	0	0	0
3297 chemical additives	73	15	3	0	—	55	40	15
3298 wood & resin chem.	0	0	0	—	—	—	—	—
3299 chem. products nec	77	46	30	0	0	1	1	0
Total crude materials, inedible except fuels	4,030	1,237	2,705	44	26	18	5	13
Subtotal forest products, wood and chips	505	215	278	1	0	12	2	9
4110 rubber & gums	0	0	0	—	—	—	—	—
4150 fuel wood	1	0	1	—	—	—	—	—
4161 wood chips	216	0	216	—	—	—	—	—
4170 wood in the rough	58	48	10	—	—	—	—	—
4189 lumber	222	160	50	0	—	12	2	9
4190 forest products nec	8	6	2	0	0	0	—	0
Subtotal pulp and waste paper	1,179	0	1,178	—	—	0	—	0
4225 pulp & waste paper	1,179	0	1,178	—	—	0	—	0
Subtotal soil, sand, gravel, rock and stone	898	850	4	43	—	1	0	1
4310 building stone	31	30	1	0	—	—	—	—
4322 limestone	18	2	0	16	—	—	—	—
4323 gypsum	811	810	0	—	—	—	—	—
4331 sand & gravel	38	8	3	27	—	—	—	—
4338 soil & fill dirt	1	—	—	—	—	1	0	1
Subtotal iron ore and scrap	820	0	818	—	—	2	2	—
4420 iron & steel scrap	820	0	818	—	—	2	2	—
Subtotal marine shells	0	0	0	—	—	—	—	—
4515 marine shells	0	0	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	243	169	74	—	—	0	0	—
4650 aluminum ore	168	167	1	—	—	—	—	—
4680 non-ferrous scrap	70	1	69	—	—	0	0	—
4690 non-ferrous ores nec	4	1	4	—	—	—	—	—
Subtotal sulphur, clay and salt	250	0	250	—	—	—	—	—
4741 sulphur, (dry)	242	0	242	—	—	—	—	—
4782 clay & refrac. mat.	8	0	8	—	—	—	—	—
Subtotal slag	0	0	0	—	—	—	—	—
4860 slag	0	0	0	—	—	—	—	—
Subtotal other non-metal. min.	135	3	103	—	26	3	0	3
4900 non-metal. min. nec	135	3	103	—	26	3	0	3
Total primary manufactured goods	3,302	2,840	379	12	0	70	36	34
Subtotal paper products	207	131	61	7	—	8	0	8
5110 newsprint	69	60	1	7	—	0	—	0
5120 paper & paperboard	92	53	38	0	—	2	—	2
5190 paper products nec	46	18	22	0	—	6	0	6
Subtotal lime, cement and glass	1,227	1,127	54	3	—	43	34	8
5210 lime	34	—	—	—	—	34	34	—

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
5220 cement & concrete	947	946	0	—	—	1	—	1
5240 glass & glass prod.	96	64	31	0	—	1	0	1
5290 misc. mineral prod.	150	118	23	3	—	7	0	7
Subtotal primary iron and steel products	1,009	966	43	—	—	—	—	—
5312 pig iron	1	1	1	—	—	—	—	—
5315 ferro alloys	3	2	1	—	—	—	—	—
5320 i&s primary forms	13	10	3	—	—	—	—	—
5330 i&s plates & sheets	716	683	33	—	—	—	—	—
5360 i&s bars & shapes	192	190	2	—	—	—	—	—
5370 i&s pipe & tube	75	72	3	—	—	—	—	—
5390 primary i&s nec	9	8	1	—	—	—	—	—
Subtotal primary non-ferrous metal products	825	591	216	0	0	18	1	17
5421 copper	7	5	2	—	0	—	—	—
5422 aluminum	13	10	3	—	—	—	—	—
5429 smelted prod. nec	178	3	175	—	—	—	—	—
5480 fab. metal products	628	573	36	0	0	18	1	17
Subtotal primary wood products	34	25	6	2	—	2	1	2
5540 primary wood prod.	34	25	6	2	—	2	1	2
Total food and farm products	6,675	1,993	3,763	97	7	814	438	376
Subtotal fish	69	8	60	0	1	1	0	1
6134 fish (not shellfish)	28	4	23	—	0	1	0	1
6136 shellfish	41	4	37	0	1	—	—	—
Subtotal grain	737	62	611	35	—	30	—	30
6241 wheat	68	0	68	—	—	—	—	—
6344 corn	11	1	10	—	—	—	—	—
6442 rice	623	61	532	—	—	30	—	30
6443 barley & rye	34	—	0	33	—	—	—	—
6445 oats	2	—	0	2	—	—	—	—
6447 sorghum grains	0	—	0	—	—	—	—	—
Subtotal oilseeds	339	273	66	—	—	—	—	—
6521 peanuts	1	1	0	—	—	—	—	—
6522 soybeans	18	1	17	—	—	—	—	—
6590 oilseeds nec	320	271	49	—	—	—	—	—
Subtotal vegetable products	743	348	357	15	0	23	2	21
6653 vegetable oils	342	280	53	9	—	0	—	0
6654 vegetables & prod.	400	67	304	6	0	23	2	21
Subtotal processed grain and animal feed	527	54	422	35	0	16	1	15
6746 wheat flour	7	1	3	—	—	3	0	3
6747 grain mill products	70	31	38	0	—	1	0	1
6781 hay & fodder	262	2	233	27	0	0	—	0
6782 animal feed, prep.	189	20	148	8	—	12	1	11
Subtotal other agricultural products	4,259	1,248	2,248	12	6	744	435	309
6811 meat, fresh, frozen	706	103	552	0	2	49	0	49
6817 meat, prepared	25	2	23	—	—	0	—	0
6822 dairy products	119	12	83	0	0	24	0	24
6835 fish, prepared	16	13	3	0	—	—	—	—
6838 tallow, animal oils	18	0	18	—	—	—	—	—
6839 animals & prod. nec	147	6	131	—	0	9	4	5
6856 bananas & plantains	1	1	0	—	—	1	—	1
6857 fruit & nuts nec	632	19	596	0	2	15	2	13
6858 fruit juices	202	115	55	1	0	31	31	0
6861 sugar	668	359	1	—	—	309	308	0
6865 molasses	190	111	0	—	—	78	78	—
6871 coffee	85	79	3	0	—	3	2	1
6872 cocoa beans	8	8	0	0	—	—	—	—
6885 alcoholic beverages	590	276	270	8	2	34	1	33
6887 groceries	67	—	—	—	—	67	0	67
6888 water & ice	56	24	31	1	—	0	—	0
6889 food products nec	471	92	264	1	0	113	6	107
6891 tobacco & products	83	1	82	0	—	0	—	0
6893 cotton	126	1	125	—	—	—	—	—
6894 natural fibers nec	1	1	0	—	—	—	—	—
6899 farm products nec	47	24	12	0	0	11	1	9
Total all manufactured equipment, machinery and products	2,992	1,607	583	2	1	799	112	688
7110 machinery (not elec)	218	98	72	0	0	48	19	29
7120 electrical machinery	533	419	112	0	0	2	0	2
7210 vehicles & parts	539	335	89	0	0	115	30	85
7220 aircraft & parts	1	0	1	0	—	0	—	0
7230 ships & boats	4	3	1	—	0	0	0	0
7300 ordnance & access.	0	0	0	—	—	—	—	—
7400 manufac. wood prod.	68	33	30	0	0	5	0	4
7500 textile products	132	92	34	0	0	5	2	3
7600 rubber & plastic pr.	132	92	36	0	—	4	0	4
7900 manufac. prod. nec	1,366	535	209	1	0	620	60	561

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total unknown or not elsewhere classified	255	108	139	0	0	8	4	4
9900 unknown or nec	255	108	139	0	0	8	4	4

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
1991	2,898	1994	1,739	1997	1,003	2000	3,626
1992	3,198	1995	1,330	1998	1,330		
1993	2,340	1996	1,982	1999	1,933		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Outbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total, all commodities	3,626	2,001	1,315	4	306	17	7	183	100
Total petroleum and petroleum products	2,537	1,353	966	—	219	17	7	96	99
Subtotal crude petroleum	1,260	1,120	83	—	57	—	—	—	57
2100 crude petroleum	1,260	1,120	83	—	57	—	—	—	57
Subtotal petroleum products	1,277	233	883	—	161	17	7	96	42
2211 gasoline	26	—	26	—	—	—	—	—	—
2221 kerosene	24	24	—	—	—	—	—	—	—
2330 distillate fuel oil	247	82	160	—	5	5	—	—	—
2340 residual fuel oil	887	115	615	—	157	12	7	96	42
2350 lube oil & greases	0	—	0	—	—	—	—	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—	—	—	—
2429 naphtha & solvents	32	12	20	—	—	—	—	—	—
2540 petroleum coke	61	—	61	—	—	—	—	—	—
Total chemicals and related products	309	167	139	3	—	—	—	—	—
Subtotal fertilizers	47	46	1	—	—	—	—	—	—
3110 nitrogenous fert.	46	46	—	—	—	—	—	—	—
3190 fert. & mixes nec	1	0	1	—	—	—	—	—	—
Subtotal other chemicals and related products	262	121	138	3	—	—	—	—	—
3211 acyclic hydrocarbons	0	—	0	—	—	—	—	—	—
3212 benzene & toluene	4	4	0	—	—	—	—	—	—
3219 other hydrocarbons	0	0	0	—	—	—	—	—	—
3220 alcohols	6	6	0	—	—	—	—	—	—
3230 carboxylic acids	3	1	2	—	—	—	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—	—	—	—
3250 organo-inorg. comp.	2	—	2	—	—	—	—	—	—

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Outbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
3260 organic comp. nec	93	93	0	—	—	—	—	—	—
3272 sulphuric acid	0	—	0	—	—	—	—	—	—
3274 sodium hydroxide	10	7	—	3	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	132	0	132	—	—	—	—	—	—
3276 metallic salts	1	1	0	—	—	—	—	—	—
3279 inorganic chem. nec	0	—	0	—	—	—	—	—	—
3282 pigments & paints	0	0	0	—	—	—	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—	—	—	—
3284 medicines	0	0	0	—	—	—	—	—	—
3285 perfumes & cleansers	0	0	0	—	—	—	—	—	—
3286 plastics	2	1	1	—	—	—	—	—	—
3291 pesticides	0	0	0	—	—	—	—	—	—
3292 starches, gluten, glue	4	3	1	—	—	—	—	—	—
3297 chemical additives	4	4	0	—	—	—	—	—	—
3298 wood & resin chem.	0	0	—	—	—	—	—	—	—
3299 chem. products nec	1	0	0	0	—	—	—	—	—
Total crude materials, inedible except fuels	229	107	47	—	74	0	—	74	—
Subtotal forest products, wood and chips	81	81	0	—	—	—	—	—	—
4110 rubber & gums	0	0	—	—	—	—	—	—	—
4150 fuel wood	0	0	0	—	—	—	—	—	—
4161 wood chips	0	0	0	—	—	—	—	—	—
4170 wood in the rough	10	10	0	—	—	—	—	—	—
4189 lumber	71	71	0	—	—	—	—	—	—
4190 forest products nec	0	0	0	—	—	—	—	—	—
Subtotal pulp and waste paper	21	—	21	—	—	—	—	—	—
4225 pulp & waste paper	21	—	21	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	100	26	—	—	74	—	—	74	—
4310 building stone	1	1	—	—	—	—	—	—	—
4323 gypsum	25	25	—	—	—	—	—	—	—
4331 sand & gravel	74	—	—	—	74	—	—	74	—
Subtotal iron ore and scrap	0	—	0	—	—	—	—	—	—
4420 iron & steel scrap	0	—	0	—	—	—	—	—	—
Subtotal marine shells	0	0	—	—	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	1	0	0	—	0	0	—	—	—
4680 non-ferrous scrap	0	0	0	—	0	0	—	—	—
4690 non-ferrous ores nec	0	0	—	—	—	—	—	—	—
Subtotal sulphur, clay and salt	22	—	22	—	—	—	—	—	—
4741 sulphur, (dry)	22	—	22	—	—	—	—	—	—
4782 clay & refrac. mat.	0	—	0	—	—	—	—	—	—
Subtotal other non-metal. min.	3	0	3	—	—	—	—	—	—
4900 non-metal. min. nec	3	0	3	—	—	—	—	—	—

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Outbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total primary manufactured goods	85	66	6	0	13	—	—	13	0
Subtotal paper products	15	13	1	—	—	—	—	—	—
5110 newsprint	11	11	—	—	—	—	—	—	—
5120 paper & paperboard	2	2	0	—	—	—	—	—	—
5190 paper products nec	2	1	1	—	—	—	—	—	—
Subtotal lime, cement and glass	19	5	1	—	13	—	—	13	—
5240 glass & glass prod.	3	2	0	—	—	—	—	—	—
5290 misc. mineral prod.	17	3	1	—	13	—	—	13	—
Subtotal primary iron and steel products	41	41	0	—	0	—	—	—	0
5315 ferro alloys	2	2	—	—	—	—	—	—	—
5320 i&s primary forms	0	0	—	—	—	—	—	—	—
5330 i&s plates & sheets	1	1	0	—	—	—	—	—	—
5360 i&s bars & shapes	38	37	0	—	—	—	—	—	—
5370 i&s pipe & tube	0	0	0	—	0	—	—	—	0
5390 primary i&s nec	1	1	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	8	4	3	0	—	—	—	—	—
5421 copper	2	1	—	0	—	—	—	—	—
5422 aluminum	0	—	0	—	—	—	—	—	—
5429 smelted prod. nec	1	0	1	—	—	—	—	—	—
5480 fab. metal products	5	3	2	0	—	—	—	—	—
Subtotal primary wood products	3	3	0	—	—	—	—	—	—
5540 primary wood prod.	3	3	0	—	—	—	—	—	—
Total food and farm products	364	267	95	1	—	—	—	—	—
Subtotal fish	4	1	3	0	—	—	—	—	—
6134 fish (not shellfish)	4	1	3	—	—	—	—	—	—
6136 shellfish	1	0	0	0	—	—	—	—	—
Subtotal grain	2	1	1	—	—	—	—	—	—
6241 wheat	0	0	0	—	—	—	—	—	—
6344 corn	2	1	1	—	—	—	—	—	—
6442 rice	0	0	0	—	—	—	—	—	—
6445 oats	0	—	0	—	—	—	—	—	—
Subtotal oilseeds	1	1	0	—	—	—	—	—	—
6521 peanuts	0	—	0	—	—	—	—	—	—
6522 soybeans	0	—	0	—	—	—	—	—	—
6590 oilseeds nec	1	1	0	—	—	—	—	—	—
Subtotal vegetable products	85	62	23	—	—	—	—	—	—
6653 vegetable oils	62	55	8	—	—	—	—	—	—
6654 vegetables & prod.	23	7	15	—	—	—	—	—	—
Subtotal processed grain and animal feed	35	22	12	0	—	—	—	—	—
6746 wheat flour	0	0	—	—	—	—	—	—	—
6747 grain mill products	22	20	1	—	—	—	—	—	—
6781 hay & fodder	0	0	—	0	—	—	—	—	—
6782 animal feed, prep.	13	2	11	—	—	—	—	—	—
Subtotal other agricultural products	236	180	55	1	—	—	—	—	—
6811 meat, fresh, frozen	45	33	11	1	—	—	—	—	—
6817 meat, prepared	1	1	1	—	—	—	—	—	—
6822 dairy products	17	6	11	0	—	—	—	—	—

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Outbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
6835 fish, prepared	3	2	1	—	—	—	—	—	—
6838 tallow, animal oils	9	—	9	—	—	—	—	—	—
6839 animals & prod. nec	2	1	2	—	—	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—	—
6857 fruit & nuts nec	8	2	6	0	—	—	—	—	—
6858 fruit juices	12	9	3	—	—	—	—	—	—
6861 sugar	45	45	0	—	—	—	—	—	—
6865 molasses	0	—	0	—	—	—	—	—	—
6871 coffee	29	29	0	—	—	—	—	—	—
6872 cocoa beans	1	1	0	—	—	—	—	—	—
6885 alcoholic beverages	46	45	1	0	—	—	—	—	—
6888 water & ice	0	—	0	—	—	—	—	—	—
6889 food products nec	14	6	9	0	—	—	—	—	—
6891 tobacco & products	0	0	—	—	—	—	—	—	—
6893 cotton	0	—	0	—	—	—	—	—	—
6894 natural fibers nec	0	0	—	—	—	—	—	—	—
6899 farm products nec	2	1	1	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	92	37	55	0	0	—	—	0	0
7110 machinery (not elec)	9	7	2	0	0	—	—	—	0
7120 electrical machinery	50	3	47	—	—	—	—	—	—
7210 vehicles & parts	7	6	2	0	—	—	—	—	—
7220 aircraft & parts	0	0	0	—	—	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—	—	—
7400 manufac. wood prod.	2	2	0	—	0	—	—	0	—
7500 textile products	3	1	2	—	—	—	—	—	—
7600 rubber & plastic pr.	5	5	1	—	—	—	—	—	—
7900 manufac. prod. nec	15	13	2	0	—	—	—	—	—
Total unknown or not elsewhere classified	10	4	6	0	0	0	—	—	—
9900 unknown or nec	10	4	6	0	0	0	—	—	—

*Includes 121 (x1000) tons of foreign inbound in-transits; Includes 41 (x1000) tons of foreign outbound in-transits; Includes 1 (x1000) tons of Canadian outbound 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
1991	507	1994	846	1997	1,293	2000	734
1992	816	1995	754	1998	861		
1993	1,829	1996	985	1999	736		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise Shipments	Internal Receipts
Total, all commodities	734	476	195	27	32	4	4	1
Total chemicals and related products	10	—	—	—	6	4	4	—
Subtotal other chemicals and related products	10	—	—	—	6	4	4	—
3276 metallic salts	10	—	—	—	6	4	4	—
Total crude materials, inedible except fuels	405	187	166	27	26	—	—	—
Subtotal soil, sand, gravel, rock and stone	213	187	—	27	—	—	—	—
4323 gypsum	187	187	—	—	—	—	—	—
4331 sand & gravel	27	—	—	27	—	—	—	—
Subtotal iron ore and scrap	166	—	166	—	—	—	—	—
4420 iron & steel scrap	166	—	166	—	—	—	—	—
Subtotal other non-metal. min.	26	—	—	—	26	—	—	—
4900 non-metal. min. nec	26	—	—	—	26	—	—	—
Total primary manufactured goods	319	289	29	—	—	1	—	1
Subtotal lime, cement and glass	290	289	—	—	—	1	—	1
5220 cement & concrete	289	289	—	—	—	—	—	—
5290 misc. mineral prod.	1	—	—	—	—	1	—	1
Subtotal primary iron and steel products	0	0	—	—	—	—	—	—
5330 i&s plates & sheets	0	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	29	—	29	—	—	—	—	—
5429 smelted prod. nec	29	—	29	—	—	—	—	—

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, 6.0 feet at Oakland Pier, 6.5 feet at Alameda, and 7.2 feet at San Leandro Channel, all at mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	10,356	1994	12,914	1997	10,858	2000	12,176
1992	13,211	1995	13,224	1998	11,148		
1993	12,734	1996	11,230	1999	11,739		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	10,296	3,825	6,385	80	6
Total coal	2	0	2	—	—
1100 coal lignite	1	0	1	—	—
1200 coal coke	1	—	1	—	—
Total petroleum and petroleum products	350	163	187	0	—
Subtotal crude petroleum	117	117	0	—	—
2100 crude petroleum	117	117	0	—	—
Subtotal petroleum products	233	46	187	0	—

OAKLAND HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
2211 gasoline	2	—	2	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	0	—	0	—	—
2340 residual fuel oil	129	44	85	—	—
2350 lube oil & greases	11	0	11	0	—
2410 petro. jelly & waxes	3	2	2	—	—
2429 naphtha & solvents	2	0	2	—	—
2430 asphalt, tar & pitch	1	—	1	—	—
2540 petroleum coke	84	0	84	—	—
2640 liquid natural gas	0	0	0	—	—
Total chemicals and related products	634	258	326	49	0
Subtotal fertilizers	75	66	8	—	—
3110 nitrogenous fert.	56	56	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	18	10	8	—	—
Subtotal other chemicals and related products	559	192	318	49	0
3211 acyclic hydrocarbons	5	0	5	—	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	5	2	3	—	—
3220 alcohols	17	2	5	9	—
3230 carboxylic acids	24	7	18	0	—
3240 nitrogen func. comp.	31	4	28	—	—
3250 organo - inorg. comp.	4	1	3	—	—
3260 organic comp. nec	20	2	5	12	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	28	0	1	27	—
3274 sodium hydroxide	8	7	0	—	—
3275 inorg. elem., oxides, & halogen salts	29	6	22	0	—
3276 metallic salts	14	6	8	0	—
3279 inorganic chem. nec	2	1	1	—	—
3281 radioactive material	3	1	2	—	—
3282 pigments & paints	14	2	12	—	—
3283 coloring mat. nec	2	0	2	—	—
3284 medicines	17	2	14	—	—
3285 perfumes & cleansers	32	3	29	0	0
3286 plastics	176	75	101	—	—
3291 pesticides	4	1	3	—	—
3292 starches, gluten, glue	71	50	21	0	—
3293 explosives	2	1	1	—	—
3297 chemical additives	3	0	3	0	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	46	18	28	0	—
Total crude materials, inedible except fuels	2,029	200	1,827	1	0
Subtotal forest products, wood and chips	157	122	35	1	0
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	1	0	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	46	36	10	—	—
4189 lumber	102	79	23	0	—
4190 forest products nec	8	6	2	0	0
Subtotal pulp and waste paper	1,137	0	1,136	—	—
4225 pulp & waste paper	1,137	0	1,136	—	—
Subtotal soil, sand, gravel, rock and stone	77	72	4	0	—
4310 building stone	30	29	1	0	—
4322 limestone	3	2	0	—	—
4323 gypsum	35	35	0	—	—
4331 sand & gravel	9	6	3	0	—
Subtotal iron ore and scrap	470	0	470	—	—
4420 iron & steel scrap	470	0	470	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	76	3	74	—	—
4650 aluminum ore	2	1	1	—	—
4680 non-ferrous scrap	70	1	69	—	—
4690 non-ferrous ores nec	4	1	4	—	—
Subtotal sulphur, clay and salt	10	0	9	—	—
4741 sulphur, (dry)	2	0	1	—	—
4782 clay & refrac. mat.	8	0	8	—	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	102	3	100	—	—
4900 non-metal. min. nec	102	3	100	—	—
Total primary manufactured goods	1,141	788	344	9	0
Subtotal paper products	176	112	59	5	—
5110 newsprint	50	45	1	4	—
5120 paper & paperboard	88	50	38	0	—
5190 paper products nec	38	17	21	0	—
Subtotal lime, cement and glass	304	248	53	3	—
5220 cement & concrete	73	73	0	—	—
5240 glass & glass prod.	92	61	31	0	—
Subtotal primary iron and steel products	262	220	43	—	—
5290 misc. mineral prod.	139	114	22	3	—

OAKLAND HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal primary iron and steel products	262	220	43	—	—
5312 pig iron	1	1	1	—	—
5315 ferro alloys	1	0	1	—	—
5320 i&s primary forms	10	7	3	—	—
5330 i&s plates & sheets	112	79	32	—	—
5360 i&s bars & shapes	90	88	2	—	—
5370 i&s pipe & tube	41	38	3	—	—
5390 primary i&s nec	8	7	1	—	—
Subtotal primary non-ferrous metal products	376	193	183	0	0
5421 copper	5	3	2	—	—
5422 aluminum	12	10	3	—	—
5429 smelted prod. nec	148	3	145	—	—
5480 fab. metal products	211	176	34	0	0
Subtotal primary wood products	22	15	6	2	—
5540 primary wood prod.	22	15	6	2	—
Total food and farm products	3,867	787	3,056	18	6
Subtotal fish	64	7	56	0	1
6134 fish (not shellfish)	24	4	20	—	0
6136 shellfish	40	3	36	0	1
Subtotal grain	144	61	83	—	—
6241 wheat	1	0	1	—	—
6344 corn	9	0	9	—	—
6442 rice	134	61	73	—	—
6443 barley & rye	0	—	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	—	0	—	—
Subtotal oilseeds	36	4	32	—	—
6521 peanuts	1	1	0	—	—
6522 soybeans	18	1	17	—	—
6590 oilseeds nec	17	2	16	—	—
Subtotal vegetable products	379	77	295	7	0
6653 vegetable oils	26	17	8	1	—
6654 vegetables & prod.	353	60	287	6	0
Subtotal processed grain and animal feed	423	16	406	0	—
6746 wheat flour	4	1	3	—	—
6747 grain mill products	47	11	36	0	—
6781 hay & fodder	234	2	233	—	—
6782 animal feed, prep.	138	3	135	—	—
Subtotal other agricultural products	2,821	622	2,182	11	5
6811 meat, fresh, frozen	611	70	540	0	1
6817 meat, prepared	24	1	23	—	—
6822 dairy products	78	6	72	0	—
6835 fish, prepared	13	11	2	0	—
6838 tallow, animal oils	2	0	1	—	—
6839 animals & prod. nec	136	6	129	—	0
6856 bananas & plantains	1	1	0	—	—
6857 fruit & nuts nec	607	16	589	0	2
6858 fruit juices	159	106	52	1	0
6861 sugar	1	0	1	—	—
6865 molasses	0	—	0	—	—
6871 coffee	54	50	3	0	—
6872 cocoa beans	8	7	0	0	—
6885 alcoholic beverages	505	226	269	8	2
6888 water & ice	56	24	31	1	—
6889 food products nec	343	87	255	1	0
6891 tobacco & products	81	1	81	0	—
6893 cotton	125	1	124	—	—
6894 natural fibers nec	1	1	0	—	—
6899 farm products nec	18	7	11	0	0
Total all manufactured equipment, machinery and products	2,039	1,526	511	2	0
7110 machinery (not elec)	156	86	70	0	0
7120 electrical machinery	477	414	63	0	0
7210 vehicles & parts	369	295	74	0	0
7220 aircraft & parts	1	0	1	0	—
7230 ships & boats	2	1	1	—	0
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	61	31	30	0	0
7500 textile products	123	91	32	0	0
7600 rubber & plastic pr.	121	87	34	0	—
7900 manufac. prod. nec	730	521	207	1	0
Total unknown or not elsewhere classified	235	102	133	0	0
9900 unknown or nec	235	102	133	0	0

OAKLAND HARBOR, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	1,880	311	1,150	320	99
Total petroleum and petroleum products	70	58	6	6	—
Subtotal petroleum products	70	58	6	6	—
2340 residual fuel oil	6	—	—	6	—
2350 lube oil & greases	3	0	2	—	—
2429 naphtha & solvents	58	58	—	—	—
2640 liquid natural gas	0	0	0	—	—
2990 petro. products nec	3	0	3	—	—
Total chemicals and related products	31	1	29	—	—
Subtotal fertilizers	9	0	8	—	—
3190 fert. & mixes nec	9	0	8	—	—
Subtotal other chemicals and related products	22	1	21	—	—
3275 inorg. elem.,oxides, & halogen salts	3	—	3	—	—
3281 radioactive material	0	0	—	—	—
3282 pigments & paints	3	0	3	—	—
3284 medicines	1	0	0	—	—
3285 perfumes & cleansers	12	0	12	—	—
3286 plastics	2	0	2	—	—
3291 pesticides	1	—	1	—	—
3293 explosives	0	0	0	—	—
3299 chem. products nec	1	1	0	—	—
Total crude materials, inedible except fuels	310	5	13	292	—
Subtotal forest products, wood and chips	12	2	9	—	—
4189 lumber	12	2	9	—	—
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	293	0	1	292	—
4331 sand & gravel	292	—	—	292	—
4338 soil & fill dirt	1	0	1	—	—
Subtotal iron ore and scrap	2	2	—	—	—
4420 iron & steel scrap	2	2	—	—	—
Subtotal non-ferrous ores and scrap	0	0	—	—	—
4680 non-ferrous scrap	0	0	—	—	—
Subtotal other non-metal. min.	3	0	3	—	—
4900 non-metal. min. nec	3	0	3	—	—
Total primary manufactured goods	58	2	34	22	0
Subtotal paper products	8	0	8	—	—
5110 newsprint	0	—	0	—	—
5120 paper & paperboard	2	—	2	—	—
5190 paper products nec	6	0	6	—	—
Subtotal lime, cement and glass	30	0	8	22	—
5220 cement & concrete	1	—	1	—	—
5240 glass & glass prod.	1	0	1	—	—
5290 misc. mineral prod.	28	0	7	22	—
Subtotal primary iron and steel products	0	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	0
Subtotal primary non-ferrous metal products	18	1	17	—	—
5480 fab. metal products	18	1	17	—	—
Subtotal primary wood products	2	1	2	—	—
5540 primary wood prod.	2	1	2	—	—
Total food and farm products	605	130	376	—	99
Subtotal fish	1	0	1	—	—
6134 fish (not shellfish)	1	0	1	—	—
Subtotal grain	30	—	30	—	—
6442 rice	30	—	30	—	—
Subtotal vegetable products	23	2	21	—	—
6653 vegetable oils	0	—	0	—	—
6654 vegetables & prod.	23	2	21	—	—
Subtotal processed grain and animal feed	16	1	15	—	—
6746 wheat flour	3	0	3	—	—
6747 grain mill products	1	0	1	—	—
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	12	1	11	—	—
Subtotal other agricultural products	535	127	309	—	99
6811 meat, fresh, frozen	49	0	49	—	—
6817 meat, prepared	0	—	0	—	—
6822 dairy products	24	0	24	—	—
6839 animals & prod. nec	9	4	5	—	—
6856 bananas & plantains	1	—	1	—	—
6857 fruit & nuts nec	15	2	13	—	—
6858 fruit juices	31	31	0	—	—
6861 sugar	0	—	0	—	—
6865 molasses	177	78	—	—	99
6871 coffee	3	2	1	—	—
6885 alcoholic beverages	34	1	33	—	—
6887 groceries	67	0	67	—	—

OAKLAND HARBOR, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
6888 water & ice	0	—	0	—	—
6889 food products nec	113	6	107	—	—
6891 tobacco & products	0	—	0	—	—
6899 farm products nec	11	1	9	—	—
Total all manufactured equipment, machinery and products	799	112	688	—	—
7110 machinery (not elec)	48	19	29	—	—
7120 electrical machinery	2	0	2	—	—
7210 vehicles & parts	115	30	85	—	—
7220 aircraft & parts	0	—	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	5	0	4	—	—
7500 textile products	5	2	3	—	—
7600 rubber & plastic pr.	4	0	4	—	—
7900 manufac. prod. nec	620	60	561	—	—
Total unknown or not elsewhere classified	8	4	4	—	—
9900 unknown or nec	8	4	4	—	—

*Includes 31 (x1000) tons of foreign inbound in-transits; Includes 37 (x1000) tons of foreign outbound in-transits;
 Includes 0 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) 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
1991	19,919	1994	24,094	1997	21,706	2000	19,464
1992	21,042	1995	20,839	1998	19,020		
1993	24,570	1996	21,803	1999	22,356		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	10,370	9,194	1,026	130	19
Total coal	284	284	—	—	—
1200 coal coke	284	284	—	—	—
Total petroleum and petroleum products	8,235	7,623	581	12	19
Subtotal crude petroleum	6,424	6,424	1	—	—
2100 crude petroleum	6,424	6,424	1	—	—
Subtotal petroleum products	1,811	1,200	580	12	19
2211 gasoline	45	30	—	—	14
2221 kerosene	354	354	—	—	—
2330 distillate fuel oil	193	136	45	12	—
2340 residual fuel oil	964	582	382	—	—
2350 lube oil & greases	29	—	29	—	—
2410 petro. jelly & waxes	59	59	—	—	—
2429 naphtha & solvents	82	39	39	—	4
2540 petroleum coke	85	—	85	—	—
Total chemicals and related products	599	313	184	103	—
Subtotal fertilizers	30	30	—	—	—
3110 nitrogenous fert.	30	30	—	—	—
Subtotal other chemicals and related products	569	283	184	103	—
3211 acyclic hydrocarbons	55	—	55	—	—
3212 benzene & toluene	18	18	—	—	—
3220 alcohols	122	27	—	96	—
3230 carboxylic acids	10	10	1	—	—
3250 organo - inorg. comp.	1	—	1	—	—
3260 organic comp. nec	170	163	—	7	—
3274 sodium hydroxide	62	62	—	—	—
3275 inorg. elem., oxides, & halogen salts	126	—	126	—	—
3279 inorganic chem. nec	3	3	—	—	—
3282 pigments & paints	0	0	—	—	—
3299 chem. products nec	2	—	2	—	—
Total crude materials, inedible except fuels	773	575	182	16	—
Subtotal forest products, wood and chips	3	3	—	—	—
4170 wood in the rough	0	0	—	—	—
4189 lumber	3	3	—	—	—
Subtotal soil, sand, gravel, rock and stone	423	407	—	16	—
4322 limestone	16	—	—	16	—
4323 gypsum	407	407	—	—	—
Subtotal iron ore and scrap	155	—	155	—	—
4420 iron & steel scrap	155	—	155	—	—
Subtotal non-ferrous ores and scrap	166	166	—	—	—
4650 aluminum ore	166	166	—	—	—
Subtotal sulphur, clay and salt	28	—	28	—	—
4741 sulphur, (dry)	28	—	28	—	—
Total primary manufactured goods	189	189	—	—	—
Subtotal paper products	5	5	—	—	—
5110 newsprint	5	5	—	—	—
Subtotal primary iron and steel products	180	180	—	—	—
5315 ferro alloys	0	0	—	—	—
5320 i&s primary forms	1	1	—	—	—
5330 i&s plates & sheets	103	103	—	—	—
5360 i&s bars & shapes	50	50	—	—	—
5370 i&s pipe & tube	25	25	—	—	—
Subtotal primary non-ferrous metal products	3	3	—	—	—
5480 fab. metal products	3	3	—	—	—
Subtotal primary wood products	0	0	—	—	—
5540 primary wood prod.	0	0	—	—	—

RICHMOND HARBOR, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total food and farm products	286	209	77	—	—
Subtotal grain	25	—	25	—	—
6241 wheat	25	—	25	—	—
Subtotal oilseeds	6	—	6	—	—
6590 oilseeds nec	6	—	6	—	—
Subtotal vegetable products	245	209	36	—	—
6653 vegetable oils	245	209	36	—	—
Subtotal processed grain and animal feed	3	—	3	—	—
6782 animal feed, prep.	3	—	3	—	—
Subtotal other agricultural products	7	—	7	—	—
6838 tallow, animal oils	7	—	7	—	—
Total all manufactured equipment, machinery and products	2	0	2	—	—
7110 machinery (not elec)	0	0	—	—	—
7120 electrical machinery	1	—	1	—	—
7230 ships & boats	0	0	—	—	—
7600 rubber & plastic pr.	1	—	1	—	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intrпорт
Total, all commodities	9,094	5,170	2,659	653	367	246
Total petroleum and petroleum products	8,959	5,095	2,607	652	362	244
Subtotal crude petroleum	4,283	4,158	—	125	—	—
2100 crude petroleum	4,283	4,158	—	125	—	—
Subtotal petroleum products	4,676	937	2,607	527	362	244
2211 gasoline	2,104	297	1,754	36	6	11
2330 distillate fuel oil	944	486	235	164	22	38
2340 residual fuel oil	980	85	166	314	324	90
2350 lube oil & greases	597	60	409	13	11	104
2429 naphtha & solvents	14	9	5	—	—	—
2430 asphalt, tar & pitch	13	—	13	—	—	—
2990 petro. products nec	26	—	26	—	—	—
Total chemicals and related products	127	75	52	—	—	—
Subtotal fertilizers	4	—	4	—	—	—
3110 nitrogenous fert.	4	—	4	—	—	—
Subtotal other chemicals and related products	123	75	48	—	—	—
3211 acyclic hydrocarbons	23	—	23	—	—	—
3220 alcohols	1	—	1	—	—	—
3274 sodium hydroxide	74	74	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	15	—	15	—	—	—
3297 chemical additives	9	1	8	—	—	—
Total crude materials, inedible except fuels	5	—	—	—	5	0
Subtotal forest products, wood and chips	0	—	—	—	0	0
4189 lumber	0	—	—	—	0	0
Subtotal soil, sand, gravel, rock and stone	5	—	—	—	5	—
4331 sand & gravel	5	—	—	—	5	—
Total primary manufactured goods	2	—	—	0	—	2
Subtotal lime, cement and glass	2	—	—	—	—	2
5290 misc. mineral prod.	2	—	—	—	—	2
Subtotal primary iron and steel products	0	—	—	0	—	—
5370 i&s pipe & tube	0	—	—	0	—	—
Subtotal primary non-ferrous metal products	0	—	—	0	—	0
5480 fab. metal products	0	—	—	0	—	0
Total all manufactured equipment, machinery and products	0	0	—	0	0	—
7110 machinery (not elec)	0	0	—	0	—	—
7400 manufac. wood prod.	0	—	—	—	0	—

*Includes 1 (x1000) tons of foreign inbound in-transits; Includes 1 (x1000) tons of foreign outbound 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
1991	32,326	1994	32,367	1997	22,480	2000	19,917
1992	36,085	1995	31,265	1998	20,198		
1993	34,447	1996	28,579	1999	18,612		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Inbound	Through Upbound
				Upbound	Downbnd		
Total, all commodities	9,012	728	106	5,403	2,284	113	378
Total coal	38	—	—	—	—	—	—
1100 coal lignite	19	—	—	—	—	—	—
1200 coal coke	19	—	—	—	—	—	—
Total petroleum and petroleum products	3,804	591	89	1,925	1,163	27	10
Subtotal crude petroleum	2,017	591	17	1,392	18	—	—
2100 crude petroleum	2,017	591	17	1,392	18	—	—
Subtotal petroleum products	1,786	—	72	532	1,145	27	10
2211 gasoline	61	—	—	34	—	27	—
2221 kerosene	211	—	—	211	—	—	—
2330 distillate fuel oil	194	—	—	189	6	—	—
2340 residual fuel oil	223	—	72	—	141	—	10
2350 lube oil & greases	114	—	—	42	72	—	—
2429 naphtha & solvents	105	—	—	57	48	—	—
2540 petroleum coke	879	—	—	—	879	—	—
Total chemicals and related products	1,606	137	17	1,027	52	87	287
Subtotal fertilizers	293	—	—	280	—	—	12
3110 nitrogenous fert.	279	—	—	267	—	—	12
3130 potassic fert.	0	—	—	0	—	—	—
3190 fert. & mixes nec	13	—	—	13	—	—	—
Subtotal other chemicals and related products	1,313	137	17	746	52	87	274
3211 acyclic hydrocarbons	7	—	—	—	7	—	—
3219 other hydrocarbons	0	—	—	0	—	—	—
3220 alcohols	19	—	—	19	0	—	—
3230 carboxylic acids	0	—	—	0	0	—	—
3240 nitrogen func. comp.	0	—	—	—	0	—	—
3260 organic comp. nec	890	126	—	584	1	87	93
3273 ammonia	264	—	—	99	—	—	165
3274 sodium hydroxide	24	—	—	8	—	—	16
3275 inorg. elem., oxides, & halogen salts	61	—	17	2	43	—	—
3276 metallic salts	0	—	—	0	—	—	—
3279 inorganic chem. nec	0	—	—	0	—	—	—
3282 pigments & paints	0	—	—	0	—	—	—
3283 coloring mat. nec	0	—	—	0	—	—	—
3284 medicines	0	—	—	0	—	—	—
3285 perfumes & cleansers	0	—	—	0	0	—	—
3286 plastics	6	—	—	6	1	—	—
3292 starches, gluten, glue	0	—	—	0	0	—	—
3293 explosives	1	—	—	1	—	—	—
3297 chemical additives	11	11	—	—	—	—	—
3299 chem. products nec	28	—	—	28	0	—	—
Total crude materials, inedible except fuels	650	—	—	168	482	—	—
Subtotal forest products, wood and chips	253	—	—	10	243	—	—
4161 wood chips	216	—	—	—	216	—	—
4170 wood in the rough	3	—	—	3	—	—	—
4189 lumber	34	—	—	7	27	—	—
4190 forest products nec	0	—	—	0	—	—	—
Subtotal pulp and waste paper	21	—	—	—	21	—	—
4225 pulp & waste paper	21	—	—	—	21	—	—
Subtotal soil, sand, gravel, rock and stone	159	—	—	159	—	—	—
4310 building stone	0	—	—	0	—	—	—
4323 gypsum	157	—	—	157	—	—	—
4331 sand & gravel	2	—	—	2	—	—	—
Subtotal iron ore and scrap	28	—	—	—	28	—	—
4420 iron & steel scrap	28	—	—	—	28	—	—
Subtotal sulphur, clay and salt	191	—	—	—	191	—	—
4741 sulphur, (dry)	191	—	—	—	191	—	—
Subtotal other non-metal. min.	0	—	—	0	0	—	—
4900 non-metal. min. nec	0	—	—	0	0	—	—
Total primary manufactured goods	1,511	—	—	1,508	0	—	3
Subtotal paper products	3	—	—	0	0	—	3
5110 newsprint	3	—	—	—	—	—	3

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Inbound	Through Upbound
				Upbound	Downbnd		
5120 paper & paperboard	0	—	—	0	0	—	—
5190 paper products nec	0	—	—	0	0	—	—
Subtotal lime, cement and glass	585	—	—	585	0	—	0
5220 cement & concrete	584	—	—	584	—	—	—
5240 glass & glass prod.	1	—	—	1	0	—	0
5290 misc. mineral prod.	0	—	—	0	—	—	0
Subtotal primary iron and steel products	525	—	—	525	—	—	—
5320 i&s primary forms	2	—	—	2	—	—	—
5330 i&s plates & sheets	501	—	—	501	—	—	—
5360 i&s bars & shapes	14	—	—	14	—	—	—
5370 i&s pipe & tube	8	—	—	8	—	—	—
Subtotal primary non-ferrous metal products	391	—	—	391	0	—	—
5421 copper	0	—	—	0	—	—	—
5422 aluminum	0	—	—	0	—	—	—
5429 smelted prod. nec	0	—	—	0	0	—	—
5480 fab. metal products	391	—	—	391	0	—	—
Subtotal primary wood products	7	—	—	7	—	—	0
5540 primary wood prod.	7	—	—	7	—	—	0
Total food and farm products	1,343	—	—	730	535	—	79
Subtotal fish	0	—	—	0	—	—	—
6136 shellfish	0	—	—	0	—	—	—
Subtotal grain	536	—	—	—	501	—	35
6241 wheat	42	—	—	—	42	—	—
6442 rice	459	—	—	—	459	—	—
6443 barley & rye	33	—	—	—	—	—	33
6445 oats	2	—	—	—	—	—	2
Subtotal oilseeds	296	—	—	268	28	—	—
6590 oilseeds nec	296	—	—	268	28	—	—
Subtotal vegetable products	10	—	—	0	2	—	8
6653 vegetable oils	8	—	—	0	1	—	8
6654 vegetables & prod.	2	—	—	0	1	—	0
Subtotal processed grain and animal feed	51	—	—	15	0	—	35
6747 grain mill products	0	—	—	0	—	—	—
6781 hay & fodder	28	—	—	—	0	—	27
6782 animal feed, prep.	24	—	—	15	—	—	8
Subtotal other agricultural products	450	—	—	446	4	—	0
6811 meat, fresh, frozen	1	—	—	0	1	—	—
6817 meat, prepared	0	—	—	0	—	—	—
6822 dairy products	0	—	—	0	—	—	0
6838 tallow, animal oils	0	—	—	—	0	—	—
6839 animals & prod. nec	0	—	—	—	0	—	—
6857 fruit & nuts nec	2	—	—	0	2	—	—
6858 fruit juices	0	—	—	0	0	—	—
6861 sugar	313	—	—	313	—	—	—
6865 molasses	111	—	—	111	—	—	—
6871 coffee	0	—	—	0	—	—	0
6872 cocoa beans	0	—	—	0	—	—	—
6885 alcoholic beverages	5	—	—	5	0	—	0
6888 water & ice	0	—	—	0	0	—	0
6889 food products nec	0	—	—	0	0	—	0
6891 tobacco & products	1	—	—	—	1	—	—
6899 farm products nec	16	—	—	16	—	—	—
Total all manufactured equipment, machinery and products	59	—	—	44	15	0	0
7110 machinery (not elec)	6	—	—	5	0	—	—
7120 electrical machinery	3	—	—	2	1	0	—
7210 vehicles & parts	47	—	—	34	13	—	—
7220 aircraft & parts	0	—	—	0	—	—	—
7230 ships & boats	1	—	—	1	—	—	—
7400 manufac. wood prod.	0	—	—	0	—	—	—
7500 textile products	0	—	—	0	—	—	0
7600 rubber & plastic pr.	1	—	—	0	0	—	0
7900 manufac. prod. nec	1	—	—	1	0	—	0
Total unknown or not elsewhere classified	1	—	—	1	0	—	0
9900 unknown or nec	1	—	—	1	0	—	0
Ton-miles (x1000) Foreign & Canadian	90,120	7,277	1,059	54,025	22,843	1,135	3,781

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	6,530	55	177	4,587	1,711
Total petroleum and petroleum products	6,079	49	177	4,165	1,688
Subtotal crude petroleum	3,451	19	—	3,432	—
2100 crude petroleum	3,451	19	—	3,432	—
Subtotal petroleum products	2,628	30	177	733	1,688
2211 gasoline	1,098	—	17	419	663
2330 distillate fuel oil	685	8	70	223	384
2340 residual fuel oil	421	—	52	56	313
2350 lube oil & greases	86	—	—	8	78
2429 naphtha & solvents	40	—	—	11	30
2430 asphalt, tar & pitch	17	—	—	17	—
2990 petro. products nec	280	22	38	—	221
Total chemicals and related products	108	6	—	79	23
Subtotal fertilizers	8	—	—	8	—
3110 nitrogenous fert.	8	—	—	8	—
Subtotal other chemicals and related products	100	6	—	71	23
3220 alcohols	16	—	—	—	16
3274 sodium hydroxide	13	—	—	13	—
3276 metallic salts	26	—	—	26	—
3297 chemical additives	46	6	—	33	7
Total primary manufactured goods	34	—	—	34	—
Subtotal lime, cement and glass	34	—	—	34	—
5210 lime	34	—	—	34	—
Total food and farm products	308	—	—	308	—
Subtotal other agricultural products	308	—	—	308	—
6861 sugar	308	—	—	308	—
Ton-miles (x1000)	65,298	549	1,772	45,866	17,111
Coastwise					

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,375	121	120	583	353	2,349	849
Total petroleum and petroleum products	3,667	121	118	583	110	2,212	522
Subtotal crude petroleum	1,961	116	—	—	—	1,845	—
2100 crude petroleum	1,961	116	—	—	—	1,845	—
Subtotal petroleum products	1,706	6	118	583	110	367	522
2211 gasoline	126	—	85	—	—	6	36
2330 distillate fuel oil	223	—	—	38	37	22	127
2340 residual fuel oil	1,226	6	33	537	64	230	356
2350 lube oil & greases	123	—	—	—	10	110	4
2990 petro. products nec	8	—	—	8	—	—	—
Total chemicals and related products	2	—	2	—	—	—	—
Subtotal other chemicals and related products	2	—	2	—	—	—	—
3297 chemical additives	2	—	2	—	—	—	—
Total crude materials, inedible except fuels	572	—	—	—	242	38	292
Subtotal soil, sand, gravel, rock and stone	541	—	—	—	242	7	292
4331 sand & gravel	541	—	—	—	242	7	292
Subtotal marine shells	31	—	—	—	—	31	—
4515 marine shells	31	—	—	—	—	31	—
Total primary manufactured goods	35	—	—	—	—	1	35
Subtotal lime, cement and glass	35	—	—	—	—	—	35
5290 misc. mineral prod.	35	—	—	—	—	—	35
Subtotal primary non-ferrous metal products	1	—	—	—	—	1	—
5480 fab. metal products	1	—	—	—	—	1	—
Total food and farm products	99	—	—	—	—	99	—
Subtotal other agricultural products	99	—	—	—	—	99	—
6865 molasses	99	—	—	—	—	99	—
Ton-miles (x1000)	32,148	1,212	30	0	1,102	23,410	6,394
Internal							
Tons All Traffic (x1000)	19,917						
Ton-miles All Traffic (x1000)	187,566						

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
1991	25,700	1994	26,118	1997	20,421	2000	18,440
1992	27,656	1995	26,931	1998	19,539		
1993	26,046	1996	24,841	1999	17,388		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound*	Outbound*	Through		Inbound*	Through Upbound
				Upbound	Downbnd		
Total, all commodities	8,065	2,805	680	2,597	1,605	103	275
Total coal	38	—	—	—	38	—	—
1100 coal lignite	19	—	—	—	19	—	—
1200 coal coke	19	—	—	—	19	—	—
Total petroleum and petroleum products	3,097	1,816	536	108	626	10	—
Subtotal crude petroleum	1,410	1,335	18	57	—	—	—
2100 crude petroleum	1,410	1,335	18	57	—	—	—
Subtotal petroleum products	1,687	481	519	51	626	10	—
2211 gasoline	34	27	—	7	—	—	—
2221 kerosene	211	211	—	—	—	—	—
2330 distillate fuel oil	194	144	6	44	—	—	—
2340 residual fuel oil	150	—	141	—	—	10	—
2350 lube oil & greases	114	42	72	—	—	—	—
2429 naphtha & solvents	105	57	48	—	—	—	—
2540 petroleum coke	879	—	252	—	626	—	—
Total chemicals and related products	1,365	601	48	426	4	93	194
Subtotal fertilizers	293	10	—	270	—	—	12
3110 nitrogenous fert.	279	10	—	257	—	—	12
3130 potassic fert.	0	—	—	0	—	—	—
3190 fert. & mixes nec	13	—	—	13	—	—	—
Subtotal other chemicals and related products	1,073	591	48	156	4	93	182
3211 acyclic hydrocarbons	7	—	5	—	2	—	—
3219 other hydrocarbons	0	0	—	—	—	—	—
3220 alcohols	19	19	0	—	—	—	—
3230 carboxylic acids	0	0	0	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—
3260 organic comp. nec	677	563	0	21	1	93	—
3273 ammonia	264	—	—	99	—	—	165
3274 sodium hydroxide	24	8	—	—	—	—	16
3275 inorg. elem., oxides, & halogen salts	44	0	43	2	—	—	—
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	0	0	—	—	—	—	—
3285 perfumes & cleansers	0	0	0	—	—	—	—
3286 plastics	6	0	1	6	—	—	—
3292 starches, gluten, glue	0	—	0	0	—	—	—
3293 explosives	1	—	—	1	—	—	—
3299 chem. products nec	28	0	0	28	0	—	—
Total crude materials, inedible except fuels	650	0	0	168	482	—	—
Subtotal forest products, wood and chips	253	0	—	10	243	—	—
4161 wood chips	216	—	—	—	216	—	—
4170 wood in the rough	3	—	—	3	—	—	—
4189 lumber	34	0	—	7	27	—	—
4190 forest products nec	0	0	—	—	—	—	—
Subtotal pulp and waste paper	21	—	0	—	20	—	—
4225 pulp & waste paper	21	—	0	—	20	—	—
Subtotal soil, sand, gravel, rock and stone	159	0	—	159	—	—	—
4310 building stone	0	0	—	—	—	—	—
4323 gypsum	157	—	—	157	—	—	—
4331 sand & gravel	2	—	—	2	—	—	—
Subtotal iron ore and scrap	28	—	—	—	28	—	—
4420 iron & steel scrap	28	—	—	—	28	—	—
Subtotal sulphur, clay and salt	191	—	—	—	191	—	—
4741 sulphur, (dry)	191	—	—	—	191	—	—
Subtotal other non-metal. min.	0	0	0	—	—	—	—
4900 non-metal. min. nec	0	0	0	—	—	—	—
Total primary manufactured goods	1,511	33	0	1,475	—	0	3
Subtotal paper products	3	0	0	0	—	—	3
5110 newsprint	3	—	—	—	—	—	3
5120 paper & paperboard	0	0	0	0	—	—	—
5190 paper products nec	0	0	0	0	—	—	—

CARQUINEZ STRAIT, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound*	Outbound*	Through		Inbound*	Through Upbound
				Upbound	Downbnd		
Subtotal lime, cement and glass	585	0	0	584	—	0	—
5220 cement & concrete	584	—	—	584	—	—	—
5240 glass & glass prod.	1	0	0	0	—	0	—
5290 misc. mineral prod.	0	0	—	—	—	0	—
Subtotal primary iron and steel products	525	0	—	525	—	—	—
5320 i&s primary forms	2	—	—	2	—	—	—
5330 i&s plates & sheets	501	—	—	501	—	—	—
5360 i&s bars & shapes	14	0	—	14	—	—	—
5370 i&s pipe & tube	8	0	—	8	—	—	—
Subtotal primary non-ferrous metal products	391	32	0	359	—	—	—
5421 copper	0	0	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—
5429 smelted prod. nec	0	0	0	—	—	—	—
5480 fab. metal products	391	32	0	359	—	—	—
Subtotal primary wood products	7	—	—	7	—	0	—
5540 primary wood prod.	7	—	—	7	—	0	—
Total food and farm products	1,343	319	80	411	454	1	78
Subtotal fish	0	0	—	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—
Subtotal grain	536	—	74	—	427	—	35
6241 wheat	42	—	—	—	42	—	—
6442 rice	459	—	74	—	385	—	—
6443 barley & rye	33	—	—	—	—	—	33
6445 oats	2	—	—	—	—	—	2
Subtotal oilseeds	296	—	—	268	28	—	—
6590 oilseeds nec	296	—	—	268	28	—	—
Subtotal vegetable products	10	0	2	0	—	0	8
6653 vegetable oils	8	0	1	—	—	0	8
6654 vegetables & prod.	2	0	1	0	—	0	—
Subtotal processed grain and animal feed	51	0	0	15	—	—	35
6747 grain mill products	0	0	—	—	—	—	—
6781 hay & fodder	28	—	0	—	—	—	27
6782 animal feed, prep.	24	—	—	15	—	—	8
Subtotal other agricultural products	450	318	4	127	—	0	—
6811 meat, fresh, frozen	1	0	1	—	—	—	—
6817 meat, prepared	0	0	—	—	—	—	—
6822 dairy products	0	0	—	—	—	0	—
6838 tallow, animal oils	0	—	0	—	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—	—
6857 fruit & nuts nec	2	0	2	—	—	—	—
6858 fruit juices	0	0	0	—	—	—	—
6861 sugar	313	313	—	—	—	—	—
6865 molasses	111	—	—	111	—	—	—
6871 coffee	0	0	—	—	—	0	—
6872 cocoa beans	0	—	—	0	—	—	—
6885 alcoholic beverages	5	5	0	0	—	0	—
6888 water & ice	0	—	0	0	—	0	—
6889 food products nec	0	0	0	—	—	0	—
6891 tobacco & products	1	—	1	—	—	—	—
6899 farm products nec	16	0	—	16	—	—	—
Total all manufactured equipment, machinery and products	59	36	15	8	1	0	—
7110 machinery (not elec)	6	0	0	5	0	—	—
7120 electrical machinery	3	0	1	1	—	—	—
7210 vehicles & parts	47	34	13	0	—	—	—
7220 aircraft & parts	0	0	—	—	—	—	—
7230 ships & boats	1	0	—	1	—	—	—
7400 manufac. wood prod.	0	0	—	0	—	—	—
7500 textile products	0	0	—	—	—	0	—
7600 rubber & plastic pr.	1	0	0	—	0	0	—
7900 manufac. prod. nec	1	1	0	0	—	0	—
Total unknown or not elsewhere classified	1	0	0	1	—	0	—
9900 unknown or nec	1	0	0	1	—	0	—
Ton-miles (x1000) Foreign & Canadian	56,455	19,638	4,758	18,179	11,232	724	1,923

CARQUINEZ STRAIT, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	6,298	4,491	1,381	95	330
Total petroleum and petroleum products	5,853	4,124	1,358	41	330
Subtotal crude petroleum	3,432	3,432	—	—	—
2100 crude petroleum	3,432	3,432	—	—	—
Subtotal petroleum products	2,421	692	1,358	41	330
2211 gasoline	1,081	419	575	—	87
2330 distillate fuel oil	607	182	338	41	47
2340 residual fuel oil	368	56	227	—	86
2350 lube oil & greases	86	8	78	—	—
2429 naphtha & solvents	40	11	30	—	—
2430 asphalt, tar & pitch	17	17	—	—	—
2990 petro. products nec	221	—	111	—	109
Total chemicals and related products	102	25	23	54	—
Subtotal fertilizers	8	—	—	8	—
3110 nitrogenous fert.	8	—	—	8	—
Subtotal other chemicals and related products	95	25	23	47	—
3220 alcohols	16	—	16	—	—
3274 sodium hydroxide	13	—	—	13	—
3276 metallic salts	26	—	—	26	—
3297 chemical additives	40	25	7	8	—
Total primary manufactured goods	34	34	—	—	—
Subtotal lime, cement and glass	34	34	—	—	—
5210 lime	34	34	—	—	—
Total food and farm products	308	308	—	—	—
Subtotal other agricultural products	308	308	—	—	—
6861 sugar	308	308	—	—	—
Ton-miles (x1000)	37,073	27,132	6,966	668	2,308
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,078	2,118	60	65	297	791	697	14	34
Total petroleum and petroleum products	3,570	2,118	21	65	295	677	345	14	34
Subtotal crude petroleum	1,845	1,845	—	—	—	—	—	—	—
2100 crude petroleum	1,845	1,845	—	—	—	—	—	—	—
Subtotal petroleum products	1,725	273	21	65	295	677	345	14	34
2211 gasoline	132	6	—	—	47	—	73	6	—
2330 distillate fuel oil	226	29	—	23	106	30	21	8	8
2340 residual fuel oil	1,232	139	17	34	142	628	247	—	25
2350 lube oil & greases	122	99	—	8	—	11	4	—	—
2990 petro. products nec	12	—	5	—	—	8	—	—	—
Total chemicals and related products	2	—	—	—	2	—	—	—	—
Subtotal other chemicals and related products	2	—	—	—	2	—	—	—	—
3297 chemical additives	2	—	—	—	2	—	—	—	—
Total crude materials, inedible except fuels	385	—	39	—	—	15	331	—	—
Subtotal soil, sand, gravel, rock and stone	370	—	39	—	—	—	331	—	—
4331 sand & gravel	370	—	39	—	—	—	331	—	—
Subtotal marine shells	15	—	—	—	—	15	—	—	—
4515 marine shells	15	—	—	—	—	15	—	—	—

CARQUINEZ STRAIT, CA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total primary manufactured goods	22	—	—	—	—	1	22	—	—
Subtotal lime, cement and glass	22	—	—	—	—	—	22	—	—
5290 misc. mineral prod.	22	—	—	—	—	—	22	—	—
Subtotal primary non-ferrous metal products	1	—	—	—	—	1	—	—	—
5480 fab. metal products	1	—	—	—	—	1	—	—	—
Total food and farm products	99	—	—	—	—	99	—	—	—
Subtotal other agricultural products	99	—	—	—	—	99	—	—	—
6865 molasses	99	—	—	—	—	99	—	—	—
Ton-miles Internal (x1000)	25,936	13,884	72	50	1,295	5,537	4,882	14	202
Tons All Traffic (x1000)									
Ton-miles All Traffic (x1000)									

*Includes 0 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound 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
1991	7,289	1994	7,556	1997	6,752	2000	6,515
1992	6,340	1995	7,012	1998	6,644		
1993	7,133	1996	7,407	1999	5,728		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign				Canadian
		Inbound	Outbound	Through		Through
				Upbound	Downbnd	Upbound
Total, all commodities	4,476	122	8	2,475	1,596	275
Total coal	38	—	—	—	38	—
1100 coal lignite	19	—	—	—	19	—
1200 coal coke	19	—	—	—	19	—
Total petroleum and petroleum products	735	101	—	7	626	—
Subtotal crude petroleum	57	57	—	—	—	—
2100 crude petroleum	57	57	—	—	—	—
Subtotal petroleum products	678	44	—	7	626	—
2211 gasoline	7	—	—	7	—	—
2330 distillate fuel oil	44	44	—	—	—	—
2540 petroleum coke	626	—	—	—	626	—
Total chemicals and related products	623	21	—	405	4	194
Subtotal fertilizers	282	—	—	270	—	12
3110 nitrogenous fert.	269	—	—	257	—	12
3130 potassic fert.	0	—	—	0	—	—
3190 fert. & mixes nec	13	—	—	13	—	—
Subtotal other chemicals and related products	341	21	—	135	4	182
3211 acyclic hydrocarbons	2	—	—	—	2	—
3260 organic comp. nec	22	21	—	—	1	—
3273 ammonia	264	—	—	99	—	165
3274 sodium hydroxide	16	—	—	—	—	16
3275 inorg. elem., oxides, & halogen salts	2	—	—	2	—	—
3276 metallic salts	0	—	—	0	—	—
3286 plastics	6	—	—	6	—	—
3292 starches, gluten, glue	0	—	—	0	—	—
3293 explosives	1	—	—	1	—	—
3299 chem. products nec	28	—	—	28	0	—

SUISUN BAY CHANNEL, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian
		Inbound	Outbound	Through		Through
				Upbound	Downbnd	Upbound
Total crude materials, inedible except fuels	650	---	---	168	482	---
Subtotal forest products, wood and chips	253	---	---	10	243	---
4161 wood chips	216	---	---	---	216	---
4170 wood in the rough	3	---	---	3	---	---
4189 lumber	34	---	---	7	27	---
Subtotal pulp and waste paper	20	---	---	---	20	---
4225 pulp & waste paper	20	---	---	---	20	---
Subtotal soil, sand, gravel, rock and stone	159	---	---	159	---	---
4323 gypsum	157	---	---	157	---	---
4331 sand & gravel	2	---	---	2	---	---
Subtotal iron ore and scrap	28	---	---	---	28	---
4420 iron & steel scrap	28	---	---	---	28	---
Subtotal sulphur, clay and salt	191	---	---	---	191	---
4741 sulphur, (dry)	191	---	---	---	191	---
Total primary manufactured goods	1,478	---	---	1,475	---	3
Subtotal paper products	3	---	---	0	---	3
5110 newsprint	3	---	---	---	---	3
5120 paper & paperboard	0	---	---	0	---	---
5190 paper products nec	0	---	---	0	---	---
Subtotal lime, cement and glass	584	---	---	584	---	---
5220 cement & concrete	584	---	---	584	---	---
5240 glass & glass prod.	0	---	---	0	---	---
Subtotal primary iron and steel products	525	---	---	525	---	---
5320 i&s primary forms	2	---	---	2	---	---
5330 i&s plates & sheets	501	---	---	501	---	---
5360 i&s bars & shapcs	14	---	---	14	---	---
5370 i&s pipe & tube	8	---	---	8	---	---
Subtotal primary non-ferrous metal products	359	---	---	359	---	---
5480 fab. metal products	359	---	---	359	---	---
Subtotal primary wood products	7	---	---	7	---	---
5540 primary wood prod.	7	---	---	7	---	---
Total food and farm products	944	---	8	411	446	78
Subtotal grain	462	---	8	---	418	35
6241 wheat	42	---	---	---	42	---
6442 rice	385	---	8	---	376	---
6443 barley & rye	33	---	---	---	---	33
6445 oats	2	---	---	---	---	2
Subtotal oilseeds	296	---	---	268	28	---
6590 oilseeds nec	296	---	---	268	28	---
Subtotal vegetable products	8	---	---	0	---	8
6653 vegetable oils	8	---	---	---	---	8
6654 vegetables & prod.	0	---	---	0	---	---
Subtotal processed grain and animal feed	51	---	---	15	---	35
6781 hay & fodder	27	---	---	---	---	27
6782 animal feed, prep.	24	---	---	15	---	8
Subtotal other agricultural products	127	---	---	127	---	---
6865 molasses	111	---	---	111	---	---
6872 cocoa beans	0	---	---	0	---	---
6885 alcoholic beverages	0	---	---	0	---	---
6888 water & ice	0	---	---	0	---	---
6899 farm products nec	16	---	---	16	---	---
Total all manufactured equipment, machinery and products	9	---	0	8	1	---
7110 machinery (not elec)	6	---	---	5	0	---
7120 electrical machinery	1	---	---	1	---	---
7210 vehicles & parts	0	---	---	0	---	---
7230 ships & boats	1	---	---	1	---	---
7400 manufac. wood prod.	0	---	---	0	---	---
7600 rubber & plastic pr.	0	---	0	---	0	---
7900 manufac. prod. nec	0	---	---	0	---	---
Total unknown or not elsewhere classified	1	---	---	1	---	---
9900 unknown or nec	1	---	---	1	---	---
Ton-miles (x1000) Foreign & Canadian	65,458	243	16	37,131	23,945	4,122

SUISUN BAY CHANNEL, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	425	49	313	46	17
Total petroleum and petroleum products	371	41	313	—	17
Subtotal petroleum products	371	41	313	—	17
2211 gasoline	87	—	87	—	—
2330 distillate fuel oil	88	41	47	—	—
2340 residual fuel oil	86	—	69	—	17
2990 petro. products nec	109	—	109	—	—
Total chemicals and related products	54	8	—	46	—
Subtotal fertilizers	8	—	—	8	—
3110 nitrogenous fert.	8	—	—	8	—
Subtotal other chemicals and related products	47	8	—	39	—
3274 sodium hydroxide	13	—	—	13	—
3276 metallic salts	26	—	—	26	—
3297 chemical additives	8	8	—	—	—
Ton-miles (x1000)	1,659	90	626	692	250
Coastwise					

Commodity	Total	Internal			
		Inbound Upbound	Outbound Downbnd	Through	
				Upbound	Downbnd
Total, all commodities	1,614	742	659	114	98
Total petroleum and petroleum products	1,108	742	290	—	76
Subtotal petroleum products	1,108	742	290	—	76
2211 gasoline	73	—	73	—	—
2330 distillate fuel oil	74	53	21	—	—
2340 residual fuel oil	926	662	187	—	76
2350 lube oil & greases	22	19	4	—	—
2990 petro. products nec	12	8	5	—	—
Total crude materials, inedible except fuels	385	—	370	15	—
Subtotal soil, sand, gravel, rock and stone	370	—	370	—	—
4331 sand & gravel	370	—	370	—	—
Subtotal marine shells	15	—	—	15	—
4515 marine shells	15	—	—	15	—
Total primary manufactured goods	22	—	—	1	22
Subtotal lime, cement and glass	22	—	—	—	22
5290 misc. mineral prod.	22	—	—	—	22
Subtotal primary non-ferrous metal products	1	—	—	1	—
5480 fab. metal products	1	—	—	1	—
Total food and farm products	99	—	—	99	—
Subtotal other agricultural products	99	—	—	99	—
6865 molasses	99	—	—	99	—
Ton-miles (x1000)	7,877	1,289	3,401	1,716	1,471
Internal					
Tons All Traffic (x1000)	6,515				
Ton-miles All Traffic (x1000)	74,993				

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
1991	239	1994	232	1997	216	2000	325
1992	315	1995	196	1998	280		
1993	208	1996	208	1999	326		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	325	311	14
Total crude materials, inedible except fuels	311	311	—
Subtotal soil, sand, gravel, rock and stone	295	295	—
4331 sand & gravel	295	295	—
Subtotal marine shells	16	16	—
4515 marine shells	16	16	—
Total primary manufactured goods	14	—	14
Subtotal lime, cement and glass	13	—	13
5290 misc. mineral prod.	13	—	13
Subtotal primary non-ferrous metal products	1	—	1
5480 fab. metal products	1	—	1
Ton-miles (x1000)	2,444	2,291	153
Tons All Traffic (x1000)	325		
Ton-miles All Traffic (x1000)	2,444		

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
1991	2,301	1994	1,407	1997	1,175	2000	1,063
1992	1,311	1995	1,220	1998	1,072		
1993	994	1996	1,197	1999	1,302		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound*	Inbound	Total	Coastwise Receipts Shipments	Internal Intraport
Total, all commodities	1,062	21	402	20	619	559	44
Total petroleum and petroleum products	291	—	—	—	291	291	—
Subtotal petroleum products	291	—	—	—	291	291	—
2211 gasoline	291	—	—	—	291	291	—
Total chemicals and related products	10	—	0	—	10	10	—
Subtotal other chemicals and related products	10	—	0	—	10	10	—
3274 sodium hydroxide	10	—	—	—	10	10	—
3286 plastics	0	—	0	—	—	—	—
Total crude materials, inedible except fuels	761	21	402	20	317	257	44
Subtotal forest products, wood and chips	594	20	236	20	317	257	44
4161 wood chips	545	—	228	0	317	257	44
4170 wood in the rough	41	16	7	18	—	—	—
4189 lumber	7	4	2	2	—	—	—
Subtotal pulp and waste paper	167	1	166	—	—	—	—
4225 pulp & waste paper	167	1	166	—	—	—	—

HUMBOLDT HARBOR AND BAY, CA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound*	Inbound	Total	Coastwise		Internal
					Receipts	Shipments	Intraport	
Total primary manufactured goods	0	—	0	—	—	—	—	—
Subtotal paper products	0	—	0	—	—	—	—	—
5120 paper & paperboard	0	—	0	—	—	—	—	—
Total food and farm products	0	0	0	—	—	—	—	—
Subtotal fish	0	0	—	—	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—	—	—
Subtotal other agricultural products	0	—	0	—	—	—	—	—
6889 food products nec	0	—	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	0	—	0	—	—	—	—	—
7120 electrical machinery	0	—	0	—	—	—	—	—
7900 manufac. prod. nec	0	—	0	—	—	—	—	—
Total unknown or not elsewhere classified	0	—	0	—	—	—	—	—
9900 unknown or nec	0	—	0	—	—	—	—	—

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

Other Harbors and Waterways 2000

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	No Commerce Reported	
MOSS LANDING HARBOR, CA	No Commerce Reported	
NAPA RIVER, CA	4331 sand & gravel	42
	Total Tons(x1000)	42
	Total Ton-miles(x1000)	396
NOYO RIVER, CA	No Commerce Reported	
PILLAR POINT HARBOR, CA	No Commerce Reported	
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	3,985
	2330 distillate fuel oil	8
	2340 residual fuel oil	150
	2350 lube oil & greases	99
	4189 lumber	0
	4331 sand & gravel	142
	4515 marine shells	31
	5360 i&s bars & shapes	0
	5480 fab. metal products	0
	Total Tons(x1000)	4,416

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
1991	1,556	1994	1,455	1997	1,489	2000	1,651
1992	1,588	1995	1,354	1998	1,630		
1993	1,469	1996	1,442	1999	1,701		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,651	1,228	423
Total petroleum and petroleum products	441	441	—
Subtotal petroleum products	441	441	—
2211 gasoline	142	142	—
2330 distillate fuel oil	122	122	—
2340 residual fuel oil	140	140	—
2350 lube oil & greases	0	0	—
2429 naphtha & solvents	17	17	—
2640 liquid natural gas	18	18	—
2990 petro. products nec	1	1	—
Total chemicals and related products	27	17	10
Subtotal fertilizers	25	14	10
3190 fert. & mixes nec	25	14	10
Subtotal other chemicals and related products	2	2	0
3281 radioactive material	0	—	0
3282 pigments & paints	1	1	—
3284 medicines	0	0	—
3285 perfumes & cleansers	1	1	0
3286 plastics	0	0	—
3291 pesticides	0	0	—
3293 explosives	0	0	—
Total crude materials, inedible except fuels	51	42	9
Subtotal forest products, wood and chips	41	33	7
4189 lumber	40	33	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	1	1	—
4338 soil & fill dirt	1	1	—
Subtotal iron ore and scrap	8	7	2
4420 iron & steel scrap	8	7	2
Subtotal other non-metal. min.	0	0	—
4900 non-metal. min. nec	0	0	—
Total primary manufactured goods	729	435	293
Subtotal paper products	16	16	0
5120 paper & paperboard	1	1	—
5190 paper products nec	15	15	0
Subtotal lime, cement and glass	20	20	—
5220 cement & concrete	16	16	—
5240 glass & glass prod.	0	0	—
5290 misc. mineral prod.	4	4	—
Subtotal primary iron and steel products	2	1	0
5360 i&s bars & shapes	1	1	0
5370 i&s pipe & tube	0	0	0
Subtotal primary non-ferrous metal products	688	395	293
5480 fab. metal products	688	395	293
Subtotal primary wood products	4	4	—
5540 primary wood prod.	4	4	—
Total food and farm products	147	102	45
Subtotal fish	0	0	0
6134 fish (not shellfish)	0	0	0
Subtotal grain	3	3	0
6442 rice	3	3	0
Subtotal vegetable products	11	5	6
6654 vegetables & prod.	11	5	6
Subtotal processed grain and animal feed	8	8	0
6746 wheat flour	0	0	—
6747 grain mill products	0	0	—
6781 hay & fodder	0	0	—
6782 animal feed, prep.	8	7	0
Subtotal other agricultural products	125	86	39
6811 meat, fresh, frozen	5	5	0
6822 dairy products	0	0	—
6839 animals & prod. nec	5	1	4
6857 fruit & nuts nec	1	0	0
6858 fruit juices	0	0	0
6861 sugar	0	0	—
6865 molasses	0	—	0
6871 coffee	0	0	0
6885 alcoholic beverages	7	7	—

HILO HARBOR, HAWAII IS., HI
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
6887 groceries	11	11	—
6889 food products nec	88	61	26
6899 farm products nec	8	0	8
Total all manufactured equipment, machinery and products	256	190	66
7110 machinery (not elec)	7	3	4
7120 electrical machinery	0	0	—
7210 vehicles & parts	123	91	32
7220 aircraft & parts	0	—	0
7230 ships & boats	0	0	0
7300 ordnance & access.	0	0	—
7400 manufac. wood prod.	1	1	0
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	0
7900 manufac. prod. nec	123	94	29
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
1991	745	1994	736	1997	980	2000	1,310
1992	790	1995	873	1998	886		
1993	655	1996	969	1999	1,090		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,310	842	468
Total petroleum and petroleum products	18	18	—
Subtotal petroleum products	18	18	—
2211 gasoline	14	14	—
2330 distillate fuel oil	4	4	—
2350 lube oil & greases	0	0	—
2990 petro. products nec	0	0	—
Total chemicals and related products	33	7	26
Subtotal fertilizers	31	6	26
3190 fert. & mixes nec	31	6	26
Subtotal other chemicals and related products	2	2	0
3281 radioactive material	0	—	0
3282 pigments & paints	0	0	—
3284 medicines	0	0	—
3285 perfumes & cleansers	0	0	—
3286 plastics	1	1	—
3291 pesticides	0	0	—
3293 explosives	1	1	—
Total crude materials, inedible except fuels	28	25	3
Subtotal forest products, wood and chips	22	20	2
4189 lumber	22	20	2
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	0	0	—
4338 soil & fill dirt	0	0	—
Subtotal iron ore and scrap	5	5	1
4420 iron & steel scrap	5	5	1
Subtotal other non-metal. min.	0	0	—
4900 non-metal. min. nec	0	0	—
Total primary manufactured goods	896	537	359
Subtotal paper products	3	3	0
5110 newsprint	0	0	—
5120 paper & paperboard	0	0	—
5190 paper products nec	3	3	0
Subtotal lime, cement and glass	51	51	0
5220 cement & concrete	43	43	—
5240 glass & glass prod.	0	0	0
5290 misc. mineral prod.	8	8	—
Subtotal primary iron and steel products	2	2	0
5360 i&s bars & shapes	1	1	—
5370 i&s pipe & tube	2	2	0

KAWAIHAE HARBOR, HAWAII IS., HI
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Subtotal primary non-ferrous metal products	839	481	358
5480 fab. metal products	839	481	358
Subtotal primary wood products	1	1	—
5540 primary wood prod.	1	1	—
Total food and farm products	90	81	9
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	0	0	—
6442 rice	0	0	—
Subtotal vegetable products	1	1	0
6654 vegetables & prod.	1	1	0
Subtotal processed grain and animal feed	5	5	—
6746 wheat flour	0	0	—
6747 grain mill products	0	0	—
6781 hay & fodder	0	0	—
6782 animal feed, prep.	5	5	—
Subtotal other agricultural products	83	75	9
6811 meat, fresh, frozen	1	1	—
6822 dairy products	0	0	—
6839 animals & prod. nec	9	8	1
6857 fruit & nuts nec	1	1	—
6858 fruit juices	0	—	0
6861 sugar	0	0	—
6871 coffee	0	0	0
6885 alcoholic beverages	9	9	—
6887 groceries	5	5	—
6889 food products nec	57	50	7
6891 tobacco & products	0	0	—
6899 farm products nec	2	1	1
Total all manufactured equipment, machinery and products	246	174	72
7110 machinery (not elec)	4	2	2
7120 electrical machinery	0	0	—
7210 vehicles & parts	135	90	45
7220 aircraft & parts	0	0	0
7230 ships & boats	0	0	0
7300 ordnance & access.	0	0	0
7400 manufac. wood prod.	1	1	0
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	—
7900 manufac. prod. nec	104	79	24

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
1991	2,434	1994	2,368	1997	2,895	2000	3,477
1992	2,357	1995	2,586	1998	2,851		
1993	2,216	1996	2,828	1999	3,513		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	3,477	2,185	1,291
Total petroleum and petroleum products	541	541	0
Subtotal petroleum products	541	541	0
2211 gasoline	197	197	—
2330 distillate fuel oil	220	220	—
2340 residual fuel oil	109	109	—
2350 lube oil & greases	1	1	0
2640 liquid natural gas	14	14	—
2990 petro. products nec	1	1	—
Total chemicals and related products	82	26	56
Subtotal fertilizers	77	22	56
3110 nitrogenous fert.	5	5	—
3190 fert. & mixes nec	72	17	56
Subtotal other chemicals and related products	4	4	0
3274 sodium hydroxide	1	1	—
3275 inorg. elem., oxides, & halogen salts	0	0	—
3281 radioactive material	0	—	0
3282 pigments & paints	1	1	0
3284 medicines	0	0	—
3285 perfumes & cleansers	1	1	0
3286 plastics	1	1	—

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
3291 pesticides	0	0	—
3293 explosives	0	0	—
Total crude materials, inedible except fuels	162	141	22
Subtotal forest products, wood and chips	46	39	7
4189 lumber	46	39	7
4190 forest products nec	0	0	0
Subtotal pulp and waste paper	5	0	5
4225 pulp & waste paper	5	0	5
Subtotal soil, sand, gravel, rock and stone	105	97	8
4331 sand & gravel	104	96	8
4338 soil & fill dirt	1	1	—
Subtotal iron ore and scrap	5	4	1
4420 iron & steel scrap	5	4	1
Subtotal other non-metal. min.	1	1	—
4900 non-metal. min. nec	1	1	—
Total primary manufactured goods	1,687	980	707
Subtotal paper products	15	15	0
5110 newsprint	2	2	—
5120 paper & paperboard	1	1	—
5190 paper products nec	12	12	0
Subtotal lime, cement and glass	100	66	34
5210 lime	34	—	34
5220 cement & concrete	53	53	—
5240 glass & glass prod.	1	1	—
5290 misc. mineral prod.	12	12	—
Subtotal primary iron and steel products	6	5	0
5360 i&s bars & shapes	2	2	—
5370 i&s pipe & tube	4	4	0
Subtotal primary non-ferrous metal products	1,564	891	673
5480 fab. metal products	1,564	891	673
Subtotal primary wood products	3	3	—
5540 primary wood prod.	3	3	—
Total food and farm products	501	165	336
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	2	2	—
6442 rice	2	2	—
Subtotal vegetable products	9	8	0
6653 vegetable oils	0	0	—
6654 vegetables & prod.	9	8	0
Subtotal processed grain and animal feed	9	9	—
6746 wheat flour	1	1	—
6747 grain mill products	0	0	—
6781 hay & fodder	1	1	—
6782 animal feed, prep.	7	7	—
Subtotal other agricultural products	481	146	336
6811 meat, fresh, frozen	6	6	0
6817 meat, prepared	0	0	—
6822 dairy products	2	2	—
6839 animals & prod. nec	5	3	3
6857 fruit & nuts nec	1	1	—
6858 fruit juices	84	0	84
6861 sugar	173	0	173
6865 molasses	68	—	68
6871 coffee	0	0	0
6885 alcoholic beverages	18	18	0
6887 groceries	10	10	—
6889 food products nec	111	104	8
6899 farm products nec	2	1	0
Total all manufactured equipment, machinery and products	504	333	171
7110 machinery (not elec)	12	6	6
7120 electrical machinery	1	1	0
7210 vehicles & parts	247	152	95
7220 aircraft & parts	0	0	—
7230 ships & boats	0	0	0
7300 ordnance & access.	0	0	0
7400 manufac. wood prod.	3	3	0
7500 textile products	1	1	0
7600 rubber & plastic pr.	1	0	0
7900 manufac. prod. nec	239	170	70
Total unknown or not elsewhere classified	0	0	—
9900 unknown or nec	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
1991	9,002	1994	9,022	1997	8,162	2000	7,141
1992	8,824	1995	8,233	1998	6,658		
1993	9,357	1996	8,745	1999	8,707		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intra Upbound
		Inbound	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	7,141	3,480	177	18	3,467	2,067	1,278	121
Total coal	355	355	—	—	—	—	—	—
1100 coal lignite	355	355	—	—	—	—	—	—
Total petroleum and petroleum products	6,537	2,938	177	18	3,405	2,067	1,216	121
Subtotal crude petroleum	4,838	2,822	—	—	2,016	1,899	—	117
2100 crude petroleum	4,838	2,822	—	—	2,016	1,899	—	117
Subtotal petroleum products	1,699	116	177	18	1,389	168	1,216	4
2211 gasoline	455	28	—	18	409	13	397	—
2330 distillate fuel oil	397	—	8	—	389	76	313	—
2340 residual fuel oil	481	88	—	—	394	9	382	2
2429 naphtha & solvents	265	—	169	—	96	2	94	—
2640 liquid natural gas	31	—	—	—	31	—	31	—
2990 petro. products nec	70	—	—	—	70	68	—	2
Total primary manufactured goods	249	187	0	—	62	—	62	—
Subtotal lime, cement and glass	245	184	—	—	62	—	62	—
5220 cement & concrete	245	184	—	—	62	—	62	—
Subtotal primary iron and steel products	3	3	—	—	—	—	—	—
5360 i&s bars & shapes	3	3	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	0	—	0	—	—	—	—	—
5429 smelted prod. nec	0	—	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	1	0	0	—	—	—	—	—
7110 machinery (not elec)	0	—	0	—	—	—	—	—
7210 vehicles & parts	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
1991	11,208	1994	11,672	1997	12,704	2000	15,797
1992	11,522	1995	11,545	1998	13,723		
1993	10,595	1996	12,010	1999	12,259		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound*	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	15,797	4,167	582	105	10,942	5,792	5,085	66
Total coal	288	288	—	—	0	0	—	—
1100 coal lignite	288	288	—	—	—	—	—	—
1200 coal coke	0	—	—	—	0	0	—	—
Total petroleum and petroleum products	4,798	3,584	358	55	801	402	334	66
Subtotal crude petroleum	2,896	2,882	1	—	13	6	6	—
2100 crude petroleum	2,896	2,882	1	—	13	6	6	—

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound*	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Subtotal petroleum products	1,903	702	358	55	789	396	327	66
2211 gasoline	240	44	0	55	142	77	59	5
2221 kerosene	618	614	3	—	—	—	—	—
2330 distillate fuel oil	272	27	49	—	196	57	128	11
2340 residual fuel oil	428	17	—	—	411	239	122	50
2350 lube oil & greases	16	0	0	—	16	12	5	—
2429 naphtha & solvents	309	0	305	—	4	2	2	—
2430 asphalt, tar & pitch	0	0	—	—	—	—	—	—
2540 petroleum coke	0	0	0	—	—	—	—	—
2640 liquid natural gas	11	0	0	—	10	0	10	—
2990 petro. products nec	9	—	—	—	9	8	2	—
Total chemicals and related products	263	6	1	—	255	194	61	—
Subtotal fertilizers	183	1	0	—	182	133	49	—
3110 nitrogenous fert.	2	0	—	—	2	2	—	—
3190 fert. & mixes nec	180	0	0	—	180	130	49	—
Subtotal other chemicals and related products	80	6	1	—	73	61	12	—
3211 acyclic hydrocarbons	0	—	0	—	—	—	—	—
3219 other hydrocarbons	0	—	0	—	—	—	—	—
3220 alcohols	0	0	0	—	—	—	—	—
3230 carboxylic acids	0	0	0	—	—	—	—	—
3260 organic comp. nec	0	0	0	—	0	0	—	—
3272 sulphuric acid	0	0	0	—	—	—	—	—
3274 sodium hydroxide	9	0	—	—	9	9	—	—
3275 inorg. elem., oxides, & halogen salts	3	0	0	—	3	3	0	—
3276 metallic salts	0	0	0	—	—	—	—	—
3281 radioactive material	2	0	—	—	2	0	2	—
3282 pigments & paints	15	0	0	—	15	13	2	—
3283 coloring mat. nec	0	0	0	—	—	—	—	—
3284 medicines	4	0	—	—	4	4	0	—
3285 perfumes & cleansers	28	1	0	—	28	25	2	—
3286 plastics	9	1	0	—	8	5	2	—
3291 pesticides	1	0	0	—	1	1	0	—
3292 starches, gluten, glue	0	0	—	—	—	—	—	—
3293 explosives	4	2	—	—	2	1	1	—
3299 chem. products nec	4	1	1	—	2	0	2	—
Total crude materials, inedible except fuels	685	42	145	—	498	207	291	—
Subtotal forest products, wood and chips	332	1	2	—	329	179	150	—
4150 fuel wood	0	0	—	—	—	—	—	—
4161 wood chips	0	0	—	—	—	—	—	—
4170 wood in the rough	3	0	0	—	2	2	—	—
4189 lumber	328	1	2	—	325	176	149	—
4190 forest products nec	2	0	0	—	1	1	1	—
Subtotal pulp and waste paper	64	0	53	—	10	5	5	—
4225 pulp & waste paper	64	0	53	—	10	5	5	—
Subtotal soil, sand, gravel, rock and stone	152	40	2	—	110	11	99	—
4310 building stone	3	3	—	—	—	—	—	—
4322 limestone	0	0	—	—	—	—	—	—
4323 gypsum	18	18	—	—	—	—	—	—
4331 sand & gravel	121	18	2	—	101	4	96	—
4338 soil & fill dirt	10	—	—	—	10	6	3	—
Subtotal iron ore and scrap	122	1	81	—	40	4	36	—
4420 iron & steel scrap	122	1	81	—	40	4	36	—
Subtotal marine shells	0	0	—	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	1	0	1	—	0	—	0	—
4680 non-ferrous scrap	1	0	1	—	0	—	0	—
Subtotal sulphur, clay and salt	5	—	5	—	—	—	—	—
4741 sulphur, (dry)	5	—	5	—	—	—	—	—
Subtotal other non-metal. min.	9	0	0	—	8	7	1	—
4900 non-metal. min. nec	9	0	0	—	8	7	1	—
Total primary manufactured goods	4,696	134	18	13	4,531	2,067	2,464	—
Subtotal paper products	135	3	4	13	116	78	37	—
5110 newsprint	19	—	—	13	6	4	2	—
5120 paper & paperboard	14	2	1	—	12	10	2	—
5190 paper products nec	102	1	3	—	98	65	33	—
Subtotal lime, cement and glass	307	116	2	—	189	89	100	—
5220 cement & concrete	190	110	1	—	80	14	66	—
5240 glass & glass prod.	11	2	0	—	8	1	7	—
5290 misc. mineral prod.	105	4	0	—	101	74	27	—

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound*	Outbound	Inbound	Total	Coastwise		
						Receipts	Shipments	
Subtotal primary iron and steel products	36	6	1	—	30	16	14	—
5315 ferro alloys	0	—	0	—	—	—	—	—
5320 i&s primary forms	0	0	0	—	—	—	—	—
5330 i&s plates & sheets	0	0	0	—	—	—	—	—
5360 i&s bars & shapes	22	3	1	—	18	13	5	—
5370 i&s pipe & tube	13	1	0	—	12	3	9	—
5390 primary i&s nec	1	1	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	4,170	9	11	—	4,150	1,846	2,304	—
5421 copper	0	0	0	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—	—
5429 smelted prod. nec	10	2	8	—	—	—	—	—
5480 fab. metal products	4,160	7	3	—	4,150	1,846	2,304	—
Subtotal primary wood products	48	1	1	—	46	37	9	—
5540 primary wood prod.	48	1	1	—	46	37	9	—
Total food and farm products	1,793	48	33	37	1,675	963	712	—
Subtotal fish	7	4	0	—	3	2	1	—
6134 fish (not shellfish)	5	3	0	—	3	2	1	—
6136 shellfish	1	1	0	—	—	—	—	—
Subtotal grain	62	3	1	24	35	28	7	—
6241 wheat	24	—	—	24	—	—	—	—
6442 rice	38	3	1	—	35	28	7	—
Subtotal oilseeds	0	0	—	—	—	—	—	—
6521 peanuts	0	0	—	—	—	—	—	—
6522 soybeans	0	0	—	—	—	—	—	—
6590 oilseeds nec	0	0	—	—	—	—	—	—
Subtotal vegetable products	102	4	0	—	97	75	22	—
6653 vegetable oils	0	0	0	—	0	—	0	—
6654 vegetables & prod.	101	4	0	—	97	75	22	—
Subtotal processed grain and animal feed	114	1	2	13	98	72	26	—
6746 wheat flour	26	0	1	13	12	10	2	—
6747 grain mill products	6	1	1	—	5	4	0	—
6781 hay & fodder	2	—	0	—	2	1	1	—
6782 animal feed, prep.	79	0	—	—	79	56	23	—
Subtotal other agricultural products	1,508	35	30	—	1,443	786	657	—
6811 meat, fresh, frozen	94	8	2	—	84	68	16	—
6817 meat, prepared	0	0	0	—	0	0	0	—
6822 dairy products	30	1	0	—	29	26	3	—
6835 fish, prepared	1	1	0	—	—	—	—	—
6839 animals & prod. nec	41	2	0	—	39	19	20	—
6856 bananas & plantains	8	0	4	—	4	4	—	—
6857 fruit & nuts nec	28	2	0	—	26	20	6	—
6858 fruit juices	210	2	2	—	205	86	119	—
6861 sugar	3	—	—	—	3	2	1	—
6865 molasses	205	—	—	—	205	99	105	—
6871 coffee	6	0	0	—	6	3	2	—
6872 cocoa beans	0	0	—	—	—	—	—	—
6885 alcoholic beverages	176	8	0	—	167	125	42	—
6887 groceries	118	—	—	—	118	87	30	—
6888 water & ice	2	0	2	—	—	—	—	—
6889 food products nec	554	12	18	—	524	225	299	—
6891 tobacco & products	0	0	0	—	0	0	0	—
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	0	—	0	—	—	—	—	—
6899 farm products nec	34	0	0	—	34	20	13	—
Total all manufactured equipment, machinery and products	3,231	54	6	—	3,171	1,955	1,216	—
7110 machinery (not elec)	163	2	2	—	159	91	69	—
7120 electrical machinery	19	3	0	—	16	14	2	—
7210 vehicles & parts	937	21	2	—	914	383	531	—
7220 aircraft & parts	0	0	0	—	0	0	0	—
7230 ships & boats	4	1	0	—	3	1	2	—
7300 ordnance & access.	0	—	—	—	0	0	0	—
7400 manufac. wood prod.	25	1	0	—	24	17	7	—
7500 textile products	20	4	0	—	15	11	4	—
7600 rubber & plastic pr.	18	5	0	—	12	9	3	—
7900 manufac. prod. nec	2,046	17	2	—	2,028	1,430	597	—
Total unknown or not elsewhere classified	42	11	21	—	10	4	6	—
9900 unknown or nec	42	11	21	—	10	4	6	—

*Includes 1 (x1000) tons of foreign inbound 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
1991	1,005	1994	1,151	1997	1,091	2000	1,581
1992	1,143	1995	1,130	1998	938		
1993	1,283	1996	1,203	1999	1,348		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,581	917	664
Total petroleum and petroleum products	64	64	0
Subtotal petroleum products	64	64	0
2211 gasoline	53	53	—
2330 distillate fuel oil	2	2	—
2350 lube oil & greases	1	1	0
2640 liquid natural gas	7	7	—
2990 petro. products nec	0	0	—
Total chemicals and related products	13	11	2
Subtotal fertilizers	12	10	2
3190 fert. & mixes nec	12	10	2
Subtotal other chemicals and related products	1	1	0
3281 radioactive material	0	—	0
3282 pigments & paints	0	0	—
3284 medicines	0	0	—
3285 perfumes & cleansers	0	0	—
3286 plastics	0	0	—
3291 pesticides	0	0	—
3293 explosives	0	0	—
Total crude materials, inedible except fuels	52	50	2
Subtotal forest products, wood and chips	46	45	1
4189 lumber	46	45	1
Subtotal pulp and waste paper	0	—	0
4225 pulp & waste paper	0	—	0
Subtotal soil, sand, gravel, rock and stone	0	0	—
4338 soil & fill dirt	0	0	—
Subtotal iron ore and scrap	6	5	1
4420 iron & steel scrap	6	5	1
Subtotal other non-metal. min.	0	0	—
4900 non-metal. min. nec	0	0	—
Total primary manufactured goods	912	514	397
Subtotal paper products	4	4	—
5110 newsprint	1	1	—
5120 paper & paperboard	0	0	—
5190 paper products nec	3	3	—
Subtotal lime, cement and glass	19	19	0
5220 cement & concrete	16	16	0
5240 glass & glass prod.	0	0	0
5290 misc. mineral prod.	3	3	—
Subtotal primary iron and steel products	4	4	0
5360 i&s bars & shapes	1	1	0
5370 i&s pipe & tube	3	3	0
Subtotal primary non-ferrous metal products	884	487	397
5480 fab. metal products	884	487	397
Subtotal primary wood products	1	1	—
5540 primary wood prod.	1	1	—
Total food and farm products	260	85	175
Subtotal fish	0	0	—
6134 fish (not shellfish)	0	0	—
Subtotal grain	1	1	—
6442 rice	1	1	—
Subtotal vegetable products	2	2	0
6654 vegetables & prod.	2	2	0
Subtotal processed grain and animal feed	3	3	—
6746 wheat flour	0	0	—
6781 hay & fodder	0	0	—
6782 animal feed, prep.	2	2	—
Subtotal other agricultural products	254	79	175
6811 meat, fresh, frozen	2	2	—
6822 dairy products	0	0	—
6839 animals & prod. nec	4	2	2
6857 fruit & nuts nec	2	2	0
6858 fruit juices	0	—	0
6861 sugar	137	0	137
6865 molasses	31	—	31
6871 coffee	2	0	2
6885 alcoholic beverages	7	7	—
6887 groceries	3	3	—

NAWILIWILI HARBOR, KAUAI, HI
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
6889 food products nec	65	63	3
6899 farm products nec	1	1	0
Total all manufactured equipment, machinery and products	280	192	88
7110 machinery (not elec)	4	2	2
7120 electrical machinery	0	0	0
7210 vehicles & parts	154	100	54
7220 aircraft & parts	0	0	0
7230 ships & boats	0	0	0
7300 ordnance & access.	0	0	0
7400 manufac. wood prod.	1	1	0
7500 textile products	0	0	0
7600 rubber & plastic pr.	0	0	0
7900 manufac. prod. nec	120	89	31

Other Harbors and Waterways 2000

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	8
	4420 iron & steel scrap	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	72
	6839 animals & prod. nec	3
	6889 food products nec	7
	7210 vehicles & parts	33
	7230 ships & boats	1
	7300 ordnance & access.	0
7900 manufac. prod. nec	30	
	Total Tons(x1000)	159
PORT ALLEN HARBOR, KAUAI, HI	3110 nitrogenous fert.	1
	Total Tons(x1000)	1
WAKE ISLAND HARBOR, WAKE ISLAND	2211 gasoline	15
	Total Tons(x1000)	15
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
1991	6,772	1994	7,927	1997	7,569	2000	7,887
1992	6,415	1995	8,582	1998	7,115		
1993	7,218	1996	7,705	1999	6,767		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise		Internal				
		Shipments	Through Upbound	Inbound Upbound	Outbound Upbound	Downbnd	Through Upbound	Downbnd
Total, all commodities	7,887	33	4	29	41	1,123	2,170	4,486
Total petroleum and petroleum products	2,120	—	—	—	—	—	2,120	—
Subtotal petroleum products	2,120	—	—	—	—	—	2,120	—
2211 gasoline	1,453	—	—	—	—	—	1,453	—
2330 distillate fuel oil	668	—	—	—	—	—	668	—
Total chemicals and related products	182	33	4	28	40	32	42	3
Subtotal fertilizers	81	8	—	—	7	32	31	3
3110 nitrogenous fert.	79	8	—	—	7	30	31	3
3190 fert. & mixes nec	2	—	—	—	—	2	—	—
Subtotal other chemicals and related products	101	26	4	28	33	—	11	0
3273 ammonia	42	—	—	—	33	—	9	—
3274 sodium hydroxide	29	—	—	28	—	—	2	—
3276 metallic salts	29	26	4	—	—	—	—	—
3286 plastics	0	—	—	—	—	—	—	0
Total crude materials, inedible except fuels	311	—	—	—	—	0	—	311
Subtotal forest products, wood and chips	242	—	—	—	—	—	—	242
4161 wood chips	242	—	—	—	—	—	—	242
Subtotal pulp and waste paper	22	—	—	—	—	0	—	22
4225 pulp & waste paper	22	—	—	—	—	0	—	22
Subtotal iron ore and scrap	46	—	—	—	—	0	—	46
4420 iron & steel scrap	46	—	—	—	—	0	—	46
Subtotal sulphur, clay and salt	1	—	—	—	—	—	—	1
4782 clay & refrac. mat.	1	—	—	—	—	—	—	1
Total primary manufactured goods	8	—	—	0	—	1	0	8
Subtotal paper products	8	—	—	—	—	0	—	8
5190 paper products nec	8	—	—	—	—	0	—	8
Subtotal lime, cement and glass	0	—	—	0	—	0	0	—
5290 misc. mineral prod.	0	—	—	0	—	0	0	—
Subtotal primary iron and steel products	0	—	—	—	—	—	0	—
5360 i&s bars & shapes	0	—	—	—	—	—	0	—
Subtotal primary non-ferrous metal products	0	—	—	—	—	0	—	0
5480 fab. metal products	0	—	—	—	—	0	—	0
Total food and farm products	5,242	—	—	0	1	1,083	—	4,158
Subtotal grain	5,227	—	—	—	1	1,071	—	4,155
6241 wheat	4,860	—	—	—	1	1,049	—	3,810
6344 corn	1	—	—	—	—	1	—	—
6443 barley & rye	366	—	—	—	—	22	—	344
Subtotal vegetable products	4	—	—	—	—	1	—	3
6654 vegetables & prod.	4	—	—	—	—	1	—	3
Subtotal processed grain and animal feed	9	—	—	0	—	9	—	—
6781 hay & fodder	9	—	—	0	—	9	—	—
Subtotal other agricultural products	2	—	—	—	—	2	—	0
6822 dairy products	1	—	—	—	—	1	—	—
6839 animals & prod. nec	1	—	—	—	—	1	—	—
6857 fruit & nuts nec	0	—	—	—	—	—	—	0
6899 farm products nec	1	—	—	—	—	1	—	—
Total all manufactured equipment, machinery and products	23	—	—	1	0	7	8	8
7500 textile products	0	—	—	0	—	—	—	—

COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise		Internal				
		Shipments	Through Upbound	Inbound Upbound	Outbound Upbound	Downbnd	Through Upbound	Downbnd
7800 empty containers	16	—	—	1	0	7	7	1
7900 manufac. prod. nec	7	—	—	—	—	0	0	7
Ton-miles (x1000)	265,934	1,062	135	843	95	30,824	75,947	157,027
Tons All Traffic (x1000)		7,887						
Ton-miles All Traffic (x1000)		265,934						

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
1991	5,053	1994	5,929	1997	6,103	2000	6,707
1992	4,719	1995	6,804	1998	5,840		
1993	5,339	1996	5,707	1999	5,836		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Through Upbound	Inbound Upbound	Outbound Downbnd	Internal Through Upbound	Downbnd	Intra Upbound
Total, all commodities	6,707	4	2,208	3,469	7	1,017	2
Total petroleum and petroleum products	2,120	—	2,120	—	—	—	—
Subtotal petroleum products	2,120	—	2,120	—	—	—	—
2211 gasoline	1,453	—	1,453	—	—	—	—
2330 distillate fuel oil	668	—	668	—	—	—	—
Total chemicals and related products	88	4	82	3	—	0	—
Subtotal fertilizers	41	—	38	3	—	—	—
3110 nitrogenous fert.	41	—	38	3	—	—	—
Subtotal other chemicals and related products	48	4	44	—	—	0	—
3273 ammonia	42	—	42	—	—	—	—
3274 sodium hydroxide	2	—	2	—	—	—	—
3276 metallic salts	4	4	—	—	—	—	—
3286 plastics	0	—	—	—	—	0	—
Total crude materials, inedible except fuels	313	—	—	201	—	109	2
Subtotal forest products, wood and chips	244	—	—	156	—	87	2
4161 wood chips	244	—	—	156	—	87	2
Subtotal pulp and waste paper	22	—	—	—	—	22	—
4225 pulp & waste paper	22	—	—	—	—	22	—
Subtotal iron ore and scrap	46	—	—	46	—	—	—
4420 iron & steel scrap	46	—	—	46	—	—	—
Subtotal sulphur, clay and salt	1	—	—	—	—	1	—
4782 clay & refrac. mat.	1	—	—	—	—	1	—
Total primary manufactured goods	8	—	0	—	0	8	—
Subtotal paper products	8	—	—	—	—	8	—
5190 paper products nec	8	—	—	—	—	8	—
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	—	—	—	—
Subtotal primary non-ferrous metal products	0	—	—	—	—	0	—
5480 fab. metal products	0	—	—	—	—	0	—
Total food and farm products	4,163	—	5	3,265	—	893	—
Subtotal grain	4,159	—	5	3,265	—	890	—
6241 wheat	3,815	—	5	2,961	—	850	—
6443 barley & rye	344	—	—	305	—	40	—
Subtotal vegetable products	3	—	—	—	—	3	—
6654 vegetables & prod.	3	—	—	—	—	3	—
Subtotal other agricultural products	0	—	—	—	—	0	—
6857 fruit & nuts nec	0	—	—	—	—	0	—

SNAKE RIVER, OR, WA AND ID
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise	Internal				
		Through Upbound	Inbound Upbound	Outbound Downbnd	Through Upbound	Downbnd	Intra Upbound
Total all manufactured equipment, machinery and products	15	—	1	—	7	8	—
7800 empty containers	8	—	1	—	7	1	—
7900 manufac. prod. nec	7	—	0	—	0	7	—
Ton-miles (x1000)	428,017	562	24,037	253,756	1,062	148,538	62
Tons All Traffic (x1000)	6,707						
Ton-miles All Traffic (x1000)	428,018						

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

Freight Traffic, 2000
(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 VANCOUVER	5,809	24,082	7,497	567	11,534	2,046	51,534	76.40	4,015
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR	—	—	—	—	1,955	—	1,955	2.90	7,821
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK	—	—	—	33	1,193	—	1,226	1.82	6,660
COLUMBIA RIVER AT BAKERS BAY, WA	—	—	—	—	—	—	—	0.00	—
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	5	—	9	—	769	257	1,040	1.54	9,632
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	—	—	—	—	—	—	—	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	—	—	53	—	1,347	—	1,400	2.08	—
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,014	2,283	—	—	370	—	3,667	5.44	—
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	—	—	—	—	1	—	1	0.00	—
SKAMOKAWA CREEK, WA	—	—	—	—	—	—	—	0.00	—
SKIPANON CHANNEL, OR	—	—	39	—	37	—	76	0.11	—
SNAKE RIVER, OR, WA AND ID	—	—	—	—	5,677	2	5,679	8.42	1,029
WESTPORT SLOUGH, OR	—	—	—	—	—	—	—	0.00	—
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	—	—	—	—	689	182	872	1.29	—
YOUNGS BAY AND YOUNGS RIVER, OR	—	—	—	—	—	—	—	0.00	—
TOTAL (UNADJUSTED)	6,827	26,364	7,598	600	23,573	2,487	67,449	—	29,157
PERCENT (UNADJUSTED)	10.12	39.09	11.26	0.89	34.95	3.69	—	100.00	—
NET VOLUME OF TONNAGE FOR THE BASIN**	6,827	26,364	7,598	600	12,299	2,487	56,175	—	4
PERCENT (ADJUSTED)	12.15	46.93	13.53	1.07	21.89	4.43	—	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

Section Included: Columbia River at mouth, OR and WA. Controlling Depth: 56 feet left outside quarter, 58 feet left inside, 46 feet right inside and 41 feet right outside at mlw. Sand Island range: 47 feet left outside, 54 feet left inside, 50 feet right inside and 48 feet right outside at mlw. Project Depth: 55/48 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	37,000	1994	37,065	1997	38,443	2000	41,393
1992	38,174	1995	44,041	1998	36,441		
1993	37,459	1996	38,799	1999	38,779		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	41,393	5,887	26,255	940	109	8,202	7,602	600
Total coal	11	11	—	—	—	—	—	—
1100 coal lignite	11	11	—	—	—	—	—	—
Total petroleum and petroleum products	9,019	766	660	329	107	7,158	6,903	255
Subtotal crude petroleum	348	327	—	—	—	20	14	6
2100 crude petroleum	348	327	—	—	—	20	14	6
Subtotal petroleum products	8,672	439	660	329	107	7,137	6,888	249
2211 gasoline	3,467	99	—	158	—	3,210	3,150	60
2221 kerosene	71	71	—	—	—	—	—	—

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
2330 distillate fuel oil	1,663	28	16	64	—	1,556	1,509	47
2340 residual fuel oil	482	21	—	100	4	356	289	68
2350 lube oil & greases	158	2	0	—	—	156	133	22
2410 petro. jelly & waxes	0	—	0	—	—	—	—	—
2429 naphtha & solvents	39	—	0	7	—	32	25	7
2430 asphalt, tar & pitch	189	111	—	—	—	78	34	44
2540 petroleum coke	862	108	644	—	103	8	8	—
2990 petro. products nec	1,741	—	—	—	—	1,741	1,741	—
Total chemicals and related products	5,560	369	4,940	22	—	228	168	60
Subtotal fertilizers	2,196	182	1,924	—	—	90	74	16
3110 nitrogenous fert.	269	177	2	—	—	90	74	16
3130 potassic fert.	1,922	—	1,922	—	—	—	—	—
3190 fert. & mixes nec	6	5	1	—	—	—	—	—
Subtotal other chemicals and related products	3,363	187	3,016	22	—	138	94	44
3212 benzene & toluene	62	27	—	—	—	35	35	—
3219 other hydrocarbons	0	0	0	—	—	—	—	—
3220 alcohols	114	105	1	—	—	8	—	8
3230 carboxylic acids	4	0	4	—	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—	—	—
3260 organic comp. nec	4	2	1	—	—	—	—	—
3272 sulphuric acid	0	0	0	—	—	—	—	—
3273 ammonia	15	7	—	8	—	—	—	—
3274 sodium hydroxide	86	21	0	2	—	62	52	10
3275 inorg. elem. oxides, & halogen salts	7	5	2	—	—	—	—	—
3276 metallic salts	2,533	4	2,494	6	—	29	4	26
3279 inorganic chem. nec	1	1	0	—	—	—	—	—
3281 radioactive material	1	1	—	—	—	—	—	—
3282 pigments & paints	24	0	24	—	—	—	—	—
3283 coloring mat. nec	0	0	0	—	—	—	—	—
3284 medicines	1	1	1	—	—	—	—	—
3285 perfumes & cleansers	4	2	2	—	—	—	—	—
3286 plastics	25	7	18	—	—	0	—	0
3292 starches, gluten, glue	464	0	464	—	—	—	—	—
3293 explosives	1	1	0	—	—	—	—	—
3297 chemical additives	7	—	0	3	—	4	4	—
3298 wood & resin chem.	3	—	0	3	—	—	—	—
3299 chem. products nec	5	1	3	—	—	—	—	—
Total crude materials, inedible except fuels	6,185	2,111	2,729	580	2	762	524	238
Subtotal forest products, wood and chips	2,935	132	2,009	32	0	762	524	238
4110 rubber & gums	0	0	0	—	—	—	—	—
4150 fuel wood	1	0	1	—	—	—	—	—
4161 wood chips	502	—	0	32	—	470	462	8
4170 wood in the rough	1,868	30	1,776	0	—	62	60	2
4189 lumber	564	102	232	—	0	230	2	228
4190 forest products nec	0	0	0	—	—	—	—	—
Subtotal pulp and waste paper	315	27	279	6	2	—	—	—
4225 pulp & waste paper	315	27	279	6	2	—	—	—
Subtotal soil, sand, gravel, rock and stone	600	58	1	541	—	—	—	—
4310 building stone	5	5	0	—	—	—	—	—
4322 limestone	541	—	—	541	—	—	—	—
4323 gypsum	52	52	0	—	—	—	—	—
4331 sand & gravel	1	1	1	—	—	—	—	—
Subtotal iron ore and scrap	102	28	74	—	—	—	—	—
4410 iron ore	28	28	—	—	—	—	—	—
4420 iron & steel scrap	74	—	74	—	—	—	—	—
Subtotal non-ferrous ores and scrap	1,558	1,478	81	—	—	—	—	—
4630 copper ore	36	—	36	—	—	—	—	—
4650 aluminum ore	1,478	1,478	1	—	—	—	—	—
4680 non-ferrous scrap	23	—	23	—	—	—	—	—
4690 non-ferrous ores nec	22	0	22	—	—	—	—	—
Subtotal sulphur, clay and salt	264	2	262	—	—	—	—	—
4782 clay & refrac. mat.	264	2	262	—	—	—	—	—
Subtotal slag	0	—	0	—	—	—	—	—
4860 slag	0	—	0	—	—	—	—	—
Subtotal other non-metal. min.	410	386	24	—	—	—	—	—
4900 non-metal. min. nec	410	386	24	—	—	—	—	—
Total primary manufactured goods	2,606	1,759	787	9	0	51	6	45
Subtotal paper products	701	13	669	1	—	18	—	18
5110 newsprint	364	—	364	—	—	—	—	—

COLUMBIA RIVER ENTRANCE, OR AND WA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
5120 paper & paperboard	304	13	290	1	—	—	—	—
5190 paper products nec	33	1	15	—	—	18	—	18
Subtotal lime, cement and glass	558	518	27	7	—	6	6	—
5220 cement & concrete	498	498	—	—	—	—	—	—
5240 glass & glass prod.	6	2	4	—	—	—	—	—
5290 misc. mineral prod.	54	17	23	7	—	6	6	—
Subtotal primary iron and steel products	972	955	1	0	—	16	—	16
5312 pig iron	45	45	0	—	—	—	—	—
5315 ferro alloys	41	41	—	—	—	—	—	—
5320 i&s primary forms	335	335	0	—	—	—	—	—
5330 i&s plates & sheets	382	382	1	—	—	—	—	—
5360 i&s bars & shapes	54	41	—	—	—	13	—	13
5370 i&s pipe & tube	105	102	0	0	—	3	—	3
5390 primary i&s nec	8	8	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	281	225	55	0	0	0	—	0
5421 copper	2	2	0	—	—	—	—	—
5422 aluminum	1	0	0	—	—	—	—	—
5429 smelted prod. nec	41	2	39	—	—	—	—	—
5480 fab. metal products	238	222	16	0	0	0	—	0
Subtotal primary wood products	94	48	35	—	—	11	—	11
5540 primary wood prod.	94	48	35	—	—	11	—	11
Total food and farm products	17,111	89	17,022	—	—	—	—	—
Subtotal fish	13	2	11	—	—	—	—	—
6134 fish (not shellfish)	11	0	11	—	—	—	—	—
6136 shellfish	2	2	0	—	—	—	—	—
Subtotal grain	14,835	1	14,834	—	—	—	—	—
6241 wheat	10,946	—	10,946	—	—	—	—	—
6344 corn	2,968	0	2,968	—	—	—	—	—
6442 rice	1	1	0	—	—	—	—	—
6443 barley & rye	810	—	810	—	—	—	—	—
6445 oats	0	—	0	—	—	—	—	—
6447 sorghum grains	110	—	110	—	—	—	—	—
Subtotal oilseeds	683	38	645	—	—	—	—	—
6522 soybeans	544	—	544	—	—	—	—	—
6534 flaxseed	0	—	0	—	—	—	—	—
6590 oilseeds nec	139	38	101	—	—	—	—	—
Subtotal vegetable products	278	7	271	—	—	—	—	—
6653 vegetable oils	2	1	1	—	—	—	—	—
6654 vegetables & prod.	276	6	270	—	—	—	—	—
Subtotal processed grain and animal feed	1,134	5	1,128	—	—	—	—	—
6746 wheat flour	8	—	8	—	—	—	—	—
6747 grain mill products	28	0	28	—	—	—	—	—
6781 hay & fodder	664	1	662	—	—	—	—	—
6782 animal feed, prep.	434	4	430	—	—	—	—	—
Subtotal other agricultural products	168	35	133	—	—	—	—	—
6811 meat, fresh, frozen	9	0	9	—	—	—	—	—
6817 meat, prepared	11	—	11	—	—	—	—	—
6822 dairy products	38	0	38	—	—	—	—	—
6835 fish, prepared	2	1	2	—	—	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—	—	—
6839 animals & prod. nec	17	0	17	—	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	14	3	11	—	—	—	—	—
6858 fruit juices	14	7	6	—	—	—	—	—
6861 sugar	0	—	0	—	—	—	—	—
6871 coffee	0	0	0	—	—	—	—	—
6872 cocoa beans	0	0	—	—	—	—	—	—
6885 alcoholic beverages	18	17	1	—	—	—	—	—
6888 water & ice	3	3	—	—	—	—	—	—
6889 food products nec	22	2	20	—	—	—	—	—
6891 tobacco & products	0	—	0	—	—	—	—	—
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	0	0	—	—	—	—	—	—
6899 farm products nec	19	2	17	—	—	—	—	—
Total all manufactured equipment, machinery and products	885	774	107	—	—	4	2	2
7110 machinery (not elec)	43	19	20	—	—	4	2	2
7120 electrical machinery	118	84	34	—	—	—	—	—
7210 vehicles & parts	616	593	23	—	—	0	—	0
7220 aircraft & parts	1	1	0	—	—	—	—	—
7230 ships & boats	2	2	0	—	—	0	—	0
7400 manufac. wood prod.	11	6	5	—	—	—	—	—
7500 textile products	21	13	7	—	—	—	—	—
7600 rubber & plastic pr.	20	10	10	—	—	—	—	—

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
7900 manufac. prod. nec	53	46	7	—	—	0	0	0
Total unknown or not elsewhere classified	17	7	9	0	—	—	—	—
9900 unknown or nec	17	7	9	0	—	—	—	—

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
1991	50,446	1994	50,912	1997	52,722	2000	55,213
1992	51,641	1995	57,124	1998	49,076		
1993	51,243	1996	51,181	1999	50,733		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	33,191	1,920	13,144	3,967	13,111	45	105	894	4
Total coal	11	3	—	7	—	—	—	—	—
1100 coal lignite	11	3	—	7	—	—	—	—	—
Total petroleum and petroleum products	1,862	94	604	672	56	3	103	325	4
Subtotal crude petroleum	327	—	—	327	—	—	—	—	—
2100 crude petroleum	327	—	—	327	—	—	—	—	—
Subtotal petroleum products	1,535	94	604	345	56	3	103	325	4
2211 gasoline	257	—	—	99	—	—	—	158	—
2221 kerosene	71	—	—	71	—	—	—	—	—
2330 distillate fuel oil	107	—	—	28	16	3	—	60	—
2340 residual fuel oil	126	10	—	11	—	—	—	100	4
2350 lube oil & greases	2	—	—	2	0	—	—	—	—
2410 petro. jelly & waxes	0	—	—	—	0	—	—	—	—
2429 naphtha & solvents	7	—	—	—	0	—	—	7	—
2430 asphalt, tar & pitch	111	82	—	29	—	—	—	—	—
2540 petroleum coke	854	2	604	105	40	—	103	—	—
Total chemicals and related products	5,332	131	811	239	4,129	2	—	20	—
Subtotal fertilizers	2,107	89	184	93	1,740	—	—	—	—
3110 nitrogenous fert.	179	84	—	93	2	—	—	—	—
3130 potassic fert.	1,922	—	184	—	1,737	—	—	—	—
3190 fert. & mixes nec	6	5	—	0	1	—	—	—	—
Subtotal other chemicals and related products	3,225	42	627	146	2,389	2	—	20	—
3212 benzene & toluene	27	27	—	—	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	0	—	—	—	—
3220 alcohols	107	—	—	105	1	—	—	—	—
3230 carboxylic acids	4	—	—	0	4	—	—	—	—
3240 nitrogen func. comp.	0	—	—	0	0	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
3250 organo - inorg. comp.	0	—	—	0	0	—	—	—	—
3260 organic comp. nec	4	—	—	2	1	—	—	—	—
3272 sulphuric acid	0	—	—	0	0	—	—	—	—
3273 ammonia	15	—	—	7	—	—	—	8	—
3274 sodium hydroxide	24	13	—	9	0	2	—	—	—
3275 inorg. elem., oxides, & halogen salts	7	0	—	5	2	—	—	—	—
3276 metallic salts	2,504	1	376	3	2,118	—	—	6	—
3279 inorganic chem. nec	1	—	—	1	0	—	—	—	—
3281 radioactive material	1	1	—	—	—	—	—	—	—
3282 pigments & paints	24	0	22	0	2	—	—	—	—
3283 coloring mat. nec	0	—	—	0	0	—	—	—	—
3284 medicines	1	—	—	1	1	—	—	—	—
3285 perfumes & cleansers	4	—	—	2	2	—	—	—	—
3286 plastics	25	0	—	7	18	—	—	—	—
3292 starches, gluten, glue	464	—	229	0	235	—	—	—	—
3293 explosives	1	—	—	1	0	—	—	—	—
3297 chemical additives	3	—	—	—	0	—	—	3	—
3298 wood & resin chem.	3	—	—	—	0	—	—	3	—
3299 chem. products nec	5	—	—	1	3	—	—	—	—
Total crude materials, inedible except fuels	5,423	996	2,125	1,115	604	32	2	548	—
Subtotal forest products, wood and chips	2,173	27	1,765	106	244	32	0	0	—
4110 rubber & gums	0	—	—	0	0	—	—	—	—
4150 fuel wood	1	—	—	0	1	—	—	—	—
4161 wood chips	32	—	—	—	0	32	—	—	—
4170 wood in the rough	1,806	12	1,742	18	34	—	—	0	—
4189 lumber	334	15	23	87	209	—	0	—	—
4190 forest products nec	0	—	—	0	0	—	—	—	—
Subtotal pulp and waste paper	315	27	99	0	180	—	2	6	—
4225 pulp & waste paper	315	27	99	0	180	—	2	6	—
Subtotal soil, sand, gravel, rock and stone	600	0	—	58	1	—	—	541	—
4310 building stone	5	0	—	5	0	—	—	—	—
4322 limestone	541	—	—	—	—	—	—	541	—
4323 gypsum	52	—	—	52	0	—	—	—	—
4331 sand & gravel	1	—	—	1	1	—	—	—	—
Subtotal iron ore and scrap	102	—	—	28	74	—	—	—	—
4410 iron ore	28	—	—	28	—	—	—	—	—
4420 iron & steel scrap	74	—	—	—	74	—	—	—	—
Subtotal non-ferrous ores and scrap	1,558	940	61	537	20	—	—	—	—
4630 copper ore	36	—	35	—	0	—	—	—	—
4650 aluminum ore	1,478	940	—	537	1	—	—	—	—
4680 non-ferrous scrap	23	—	4	—	19	—	—	—	—
4690 non-ferrous ores nec	22	—	22	0	0	—	—	—	—
Subtotal sulphur, clay and salt	264	2	185	0	77	—	—	—	—
4782 clay & refrac. mat.	264	2	185	0	77	—	—	—	—
Subtotal slag	0	—	—	—	0	—	—	—	—
4860 slag	0	—	—	—	0	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Subtotal other non-metal. min.	410	—	15	386	8	—	—	—	—
4900 non-metal. min. nec	410	—	15	386	8	—	—	—	—
Total primary manufactured goods	2,555	596	362	1,163	424	7	—	2	0
Subtotal paper products	683	0	349	13	320	—	—	1	—
5110 newsprint	364	—	346	—	18	—	—	—	—
5120 paper & paperboard	304	0	3	13	287	—	—	1	—
5190 paper products nec	16	—	—	1	15	—	—	—	—
Subtotal lime, cement and glass	552	44	0	474	27	7	—	0	—
5220 cement & concrete	498	43	—	455	—	—	—	—	—
5240 glass & glass prod.	6	—	—	2	4	—	—	—	—
5290 misc. mineral prod.	48	0	0	17	23	7	—	0	—
Subtotal primary iron and steel products	956	499	0	456	1	0	—	—	—
5312 pig iron	45	—	—	45	0	—	—	—	—
5315 ferro alloys	41	33	—	9	—	—	—	—	—
5320 i&s primary forms	335	22	—	313	0	—	—	—	—
5330 i&s plates & sheets	382	330	0	52	1	—	—	—	—
5360 i&s bars & shapes	41	32	—	9	—	—	—	—	—
5370 i&s pipe & tube	103	82	—	20	0	0	—	—	—
5390 primary i&s nec	8	0	—	7	0	—	—	—	—
Subtotal primary non-ferrous metal products	281	14	4	212	51	—	—	0	0
5421 copper	2	—	—	2	0	—	—	—	—
5422 aluminum	1	—	—	0	0	—	—	—	—
5429 smelted prod. nec	41	0	—	1	39	—	—	—	—
5480 fab. metal products	238	13	4	208	12	—	—	0	0
Subtotal primary wood products	83	40	10	8	25	—	—	—	—
5540 primary wood prod.	83	40	10	8	25	—	—	—	—
Total food and farm products	17,111	7	9,238	82	7,784	—	—	—	—
Subtotal fish	13	—	—	2	11	—	—	—	—
6134 fish (not shellfish)	11	—	—	0	11	—	—	—	—
6136 shellfish	2	—	—	2	0	—	—	—	—
Subtotal grain	14,835	—	8,333	1	6,501	—	—	—	—
6241 wheat	10,946	—	4,868	—	6,078	—	—	—	—
6344 corn	2,968	—	2,903	0	66	—	—	—	—
6442 rice	1	—	—	1	0	—	—	—	—
6443 barley & rye	810	—	453	—	357	—	—	—	—
6445 oats	0	—	—	—	0	—	—	—	—
6447 sorghum grains	110	—	110	—	—	—	—	—	—
Subtotal oilseeds	683	6	613	33	32	—	—	—	—
6522 soybeans	544	—	517	—	27	—	—	—	—
6534 flaxseed	0	—	—	—	0	—	—	—	—
6590 oilseeds nec	139	6	96	33	5	—	—	—	—
Subtotal vegetable products	278	0	—	7	271	—	—	—	—
6653 vegetable oils	2	0	—	1	1	—	—	—	—
6654 vegetables & prod.	276	0	—	6	270	—	—	—	—
Subtotal processed grain and animal feed	1,134	—	293	5	835	—	—	—	—
6746 wheat flour	8	—	—	—	8	—	—	—	—
6747 grain mill products	28	—	4	0	24	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
6781 hay & fodder	664	—	—	1	662	—	—	—	—
6782 animal feed, prep.	434	—	289	4	141	—	—	—	—
Subtotal other agricultural products	168	1	—	34	133	—	—	—	—
6811 meat, fresh, frozen	9	—	—	0	9	—	—	—	—
6817 meat, prepared	11	—	—	—	11	—	—	—	—
6822 dairy products	38	—	—	0	38	—	—	—	—
6835 fish, prepared	2	—	—	1	2	—	—	—	—
6838 tallow, animal oils	0	—	—	—	0	—	—	—	—
6839 animals & prod. nec	17	—	—	0	17	—	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—	—
6857 fruit & nuts nec	14	—	—	3	11	—	—	—	—
6858 fruit juices	14	—	—	7	6	—	—	—	—
6861 sugar	0	—	—	—	0	—	—	—	—
6871 coffee	0	—	—	0	0	—	—	—	—
6872 cocoa beans	0	—	—	0	—	—	—	—	—
6885 alcoholic beverages	18	1	—	16	1	—	—	—	—
6888 water & ice	3	0	—	3	—	—	—	—	—
6889 food products nec	22	—	—	2	20	—	—	—	—
6891 tobacco & products	0	—	—	—	0	—	—	—	—
6893 cotton	0	—	—	0	—	—	—	—	—
6894 natural fibers nec	0	—	—	0	—	—	—	—	—
6899 farm products nec	19	—	—	2	17	—	—	—	—
Total all manufactured equipment, machinery and products	881	91	3	683	104	—	—	—	—
7110 machinery (not elec)	39	4	1	16	19	—	—	—	—
7120 electrical machinery	118	0	—	84	34	—	—	—	—
7210 vehicles & parts	616	82	0	510	23	—	—	—	—
7220 aircraft & parts	1	—	—	1	0	—	—	—	—
7230 ships & boats	2	0	0	1	0	—	—	—	—
7400 manufac. wood prod.	11	4	0	3	5	—	—	—	—
7500 textile products	21	—	2	13	6	—	—	—	—
7600 rubber & plastic pr.	20	0	0	10	10	—	—	—	—
7900 manufac. prod. nec	53	0	0	46	7	—	—	—	—
Total unknown or not elsewhere classified	17	2	0	5	9	—	—	0	—
9900 unknown or nec	17	2	0	5	9	—	—	0	—
Ton-miles Foreign & Canadian (x1000)	2,927,142	160,020	982,546	392,609	1,294,006	2,306	7,368	87,858	429

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	8,202	728	298	6,874	302
Total petroleum and petroleum products	7,158	212	12	6,691	243
Subtotal crude petroleum	20	—	—	14	6
2100 crude petroleum	20	—	—	14	6
Subtotal petroleum products	7,137	212	12	6,677	237
2211 gasoline	3,210	41	—	3,109	60

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
2330 distillate fuel oil	1,556	170	—	1,339	47
2340 residual fuel oil	356	—	12	289	56
2350 lube oil & greases	156	2	—	132	22
2429 naphtha & solvents	32	—	—	25	7
2430 asphalt, tar & pitch	78	—	—	34	44
2540 petroleum coke	8	—	—	8	—
2990 petro. products nec	1,741	—	—	1,741	—
Total chemicals and related products	228	83	46	85	14
Subtotal fertilizers	90	—	16	74	—
3110 nitrogenous fert.	90	—	16	74	—
Subtotal other chemicals and related products	138	83	30	11	14
3212 benzene & toluene	35	35	—	—	—
3220 alcohols	8	—	—	—	8
3274 sodium hydroxide	62	48	4	4	6
3276 metallic salts	29	—	26	4	—
3286 plastics	0	—	—	—	0
3297 chemical additives	4	—	—	4	—
Total crude materials, inedible except fuels	762	426	219	98	20
Subtotal forest products, wood and chips	762	426	219	98	20
4161 wood chips	470	417	8	45	—
4170 wood in the rough	62	7	—	53	2
4189 lumber	230	2	211	—	17
Total primary manufactured goods	51	6	20	—	25
Subtotal paper products	18	—	16	—	1
5190 paper products nec	18	—	16	—	1
Subtotal lime, cement and glass	6	6	—	—	—
5290 misc. mineral prod.	6	6	—	—	—
Subtotal primary iron and steel products	16	—	—	—	16
5360 i&s bars & shapes	13	—	—	—	13
5370 i&s pipe & tube	3	—	—	—	3
Subtotal primary non-ferrous metal products	0	—	—	—	0
5480 fab. metal products	0	—	—	—	0
Subtotal primary wood products	11	—	4	—	7
5540 primary wood prod.	11	—	4	—	7
Total all manufactured equipment, machinery and products	4	2	2	0	0
7110 machinery (not elec)	4	2	2	—	0
7210 vehicles & parts	0	—	—	—	0
7230 ships & boats	0	—	—	—	0
7900 manufac. prod. nec	0	—	—	0	0
Ton-miles (x1000)	780,511	50,922	29,675	670,322	29,592
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	13,820	808	1,937	450	1,766	3,063	2,823	808	2,164
Total petroleum and petroleum products	3,191	486	102	175	204	2,001	20	200	2
Subtotal petroleum products	3,191	486	102	175	204	2,001	20	200	2
2211 gasoline	1,671	2	—	59	199	1,394	—	16	—
2330 distillate fuel oil	1,199	344	2	116	3	552	0	182	—
2340 residual fuel oil	316	137	98	—	2	55	20	1	2
2350 lube oil & greases	5	3	2	—	—	—	—	0	0
Total chemicals and related products	223	36	15	71	—	14	0	45	42
Subtotal fertilizers	132	2	3	38	—	4	—	44	42
3110 nitrogenous fert.	130	2	3	38	—	4	—	44	40
3190 fert. & mixes nec	2	—	—	—	—	—	—	—	2
Subtotal other chemicals and related products	91	34	12	33	—	11	0	1	—
3273 ammonia	47	5	—	33	—	9	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3274 sodium hydroxide	44	29	12	—	—	2	—	1	—
3286 plastics	0	—	—	—	—	—	0	—	—
Total crude materials, inedible except fuels	3,927	245	396	183	543	1,041	42	365	1,113
Subtotal forest products, wood and chips	1,369	79	302	59	79	—	—	245	605
4161 wood chips	850	73	271	—	2	—	—	180	325
4170 wood in the rough	518	6	31	59	77	—	—	66	280
4189 lumber	0	—	—	—	0	—	—	0	—
Subtotal pulp and waste paper	22	—	20	—	0	—	2	—	—
4225 pulp & waste paper	22	—	20	—	0	—	2	—	—
Subtotal soil, sand, gravel, rock and stone	2,490	166	68	124	464	1,041	—	120	508
4331 sand & gravel	2,490	166	68	124	464	1,041	—	120	508
Subtotal iron ore and scrap	46	—	6	—	0	—	40	—	—
4420 iron & steel scrap	46	—	6	—	0	—	40	—	—
Subtotal sulphur, clay and salt	1	—	—	—	—	—	1	—	—
4782 clay & refrac. mat.	1	—	—	—	—	—	1	—	—
Total primary manufactured goods	17	0	—	0	1	0	8	1	7
Subtotal paper products	8	—	—	—	0	—	8	—	—
5190 paper products nec	8	—	—	—	0	—	8	—	—
Subtotal lime, cement and glass	0	0	—	—	0	0	—	—	—
5290 misc. mineral prod.	0	0	—	—	0	0	—	—	—
Subtotal primary iron and steel products	1	—	—	0	0	—	—	1	—
5360 i&s bars & shapes	1	—	—	0	0	—	—	1	—
Subtotal primary non-ferrous metal products	7	0	—	—	0	—	0	—	7
5422 aluminum	7	—	—	—	—	—	—	—	7
5480 fab. metal products	0	0	—	—	0	—	0	—	—
Total food and farm products	6,045	21	1,423	22	814	—	2,747	25	994
Subtotal grain	6,022	21	1,423	22	797	—	2,743	25	992
6241 wheat	5,606	21	1,277	22	769	—	2,534	25	957
6344 corn	1	—	—	—	1	—	—	—	—
6443 barley & rye	416	—	146	—	27	—	209	—	34
Subtotal oilseeds	2	—	—	—	—	—	—	—	2
6522 soybeans	2	—	—	—	—	—	—	—	2
Subtotal vegetable products	5	—	—	—	2	—	3	—	—
6654 vegetables & prod.	5	—	—	—	2	—	3	—	—
Subtotal processed grain and animal feed	11	0	—	—	10	—	—	—	—
6781 hay & fodder	11	0	—	—	10	—	—	—	—
Subtotal other agricultural products	5	—	—	—	5	—	0	0	0
6822 dairy products	1	—	—	—	1	—	—	—	—
6839 animals & prod. nec	1	—	—	—	1	—	—	—	—
6857 fruit & nuts nec	0	—	—	—	—	—	0	—	—
6889 food products nec	3	—	—	—	2	—	—	0	0

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
6899 farm products nec	1	—	—	—	1	—	—	—	—
Total all manufactured equipment, machinery and products	241	20	1	0	204	8	6	0	1
7110 machinery (not elec)	1	—	—	—	1	—	—	—	—
7500 textile products	0	0	—	—	—	—	—	—	—
7800 empty containers	232	20	0	0	202	7	1	0	1
7900 manufac. prod. nec	8	0	1	0	1	0	5	0	0
Total waste and scrap nec	176	—	—	—	—	—	—	171	4
8900 waste and scrap nec	176	—	—	—	—	—	—	171	4
Ton-miles Internal (x1000)	2,147,286	69,768	401,671	47,122	203,763	451,185	622,443	64,301	287,034
Tons All Traffic (x1000)			55,213						
Ton-miles All Traffic (x1000)			5,854,939						

*Includes 28 (x1000) tons of foreign inbound in-transits; Includes 150 (x1000) tons of foreign outbound 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
1991	50,622	1994	50,703	1997	53,098	2000	55,549
1992	50,890	1995	58,446	1998	49,543		
1993	50,566	1996	52,559	1999	50,905		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
Total, all commodities	33,191	4,925	23,972	962	2,283	883	109	57
Total coal	11	11	—	—	—	—	—	—
1100 coal lignite	11	11	—	—	—	—	—	—
Total petroleum and petroleum products	1,862	703	644	63	16	276	107	53
Subtotal crude petroleum	327	327	—	—	—	—	—	—
2100 crude petroleum	327	327	—	—	—	—	—	—
Subtotal petroleum products	1,535	376	644	63	16	276	107	53
2211 gasoline	257	54	—	45	—	149	—	9
2221 kerosene	71	71	—	—	—	—	—	—
2330 distillate fuel oil	107	28	—	—	16	31	—	33
2340 residual fuel oil	126	21	—	—	—	89	4	11
2350 lube oil & greases	2	—	—	2	0	—	—	—
2410 petro. jelly & waxes	0	—	—	—	0	—	—	—
2429 naphtha & solvents	7	—	—	—	0	7	—	—
2430 asphalt, tar & pitch	111	94	—	16	—	—	—	—
2540 petroleum coke	854	108	644	—	0	—	103	—
Total chemicals and related products	5,332	344	4,901	26	39	22	—	—
Subtotal fertilizers	2,107	182	1,924	0	1	—	—	—
3110 nitrogenous fert.	179	177	2	—	0	—	—	—
3130 potassic fert.	1,922	—	1,922	—	0	—	—	—
3190 fert. & mixes nec	6	5	—	0	1	—	—	—
Subtotal other chemicals and related products	3,225	161	2,977	26	39	22	—	—
3212 benzene & toluene	27	27	—	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	0	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
3220 alcohols	107	104	—	1	1	—	—	—
3230 carboxylic acids	4	—	—	0	4	—	—	—
3240 nitrogen func. comp.	0	—	—	0	0	—	—	—
3250 organo - inorg. comp.	0	—	—	0	0	—	—	—
3260 organic comp. nec	4	—	—	2	1	—	—	—
3272 sulphuric acid	0	—	—	0	0	—	—	—
3273 ammonia	15	7	—	0	—	8	—	—
3274 sodium hydroxide	24	21	—	—	0	2	—	—
3275 inorg. elem., oxides, & halogen salts	7	0	—	5	2	—	—	—
3276 metallic salts	2,504	1	2,493	3	1	6	—	—
3279 inorganic chem. nec	1	—	—	1	0	—	—	—
3281 radioactive material	1	1	—	—	—	—	—	—
3282 pigments & paints	24	0	22	0	2	—	—	—
3283 coloring mat. nec	0	—	—	0	0	—	—	—
3284 medicines	1	—	—	1	1	—	—	—
3285 perfumes & cleansers	4	—	—	2	2	—	—	—
3286 plastics	25	0	—	7	18	—	—	—
3292 starches, gluten, glue	464	—	462	0	2	—	—	—
3293 explosives	1	0	—	1	0	—	—	—
3297 chemical additives	3	—	—	—	0	3	—	—
3298 wood & resin chem.	3	—	—	—	0	3	—	—
3299 chem. products nec	5	—	—	1	3	—	—	—
Total crude materials, inedible except fuels	5,423	1,959	2,289	152	440	578	2	2
Subtotal forest products, wood and chips	2,173	41	1,786	92	223	30	0	2
4110 rubber & gums	0	—	—	0	0	—	—	—
4150 fuel wood	1	—	—	0	1	—	—	—
4161 wood chips	32	—	—	—	0	30	—	2
4170 wood in the rough	1,806	22	1,756	8	20	—	—	0
4189 lumber	334	19	30	83	202	—	0	—
4190 forest products nec	0	—	—	0	0	—	—	—
Subtotal pulp and waste paper	315	25	104	2	175	6	2	—
4225 pulp & waste paper	315	25	104	2	175	6	2	—
Subtotal soil, sand, gravel, rock and stone	600	0	0	58	1	541	—	—
4310 building stone	5	0	—	5	0	—	—	—
4322 limestone	541	—	—	—	—	541	—	—
4323 gypsum	52	—	—	52	0	—	—	—
4331 sand & gravel	1	—	0	1	1	—	—	—
Subtotal iron ore and scrap	102	28	66	—	8	—	—	—
4410 iron ore	28	28	—	—	—	—	—	—
4420 iron & steel scrap	74	—	66	—	8	—	—	—
Subtotal non-ferrous ores and scrap	1,558	1,477	61	0	20	—	—	—
4630 copper ore	36	—	35	—	0	—	—	—
4650 aluminum ore	1,478	1,477	—	0	1	—	—	—
4680 non-ferrous scrap	23	—	4	—	19	—	—	—
4690 non-ferrous ores nec	22	—	22	0	0	—	—	—
Subtotal sulphur, clay and salt	264	2	256	0	6	—	—	—
4782 clay & refrac. mat.	264	2	256	0	6	—	—	—
Subtotal slag	0	—	—	—	0	—	—	—
4860 slag	0	—	—	—	0	—	—	—
Subtotal other non-metal. min.	410	386	15	0	8	—	—	—
4900 non-metal. min. nec	410	386	15	0	8	—	—	—
Total primary manufactured goods	2,555	1,495	364	265	422	8	0	1
Subtotal paper products	683	0	349	13	320	—	—	1
5110 newsprint	364	—	346	—	18	—	—	—
5120 paper & paperboard	304	0	3	13	287	—	—	1
5190 paper products nec	16	—	0	1	15	—	—	—
Subtotal lime, cement and glass	552	499	0	19	27	7	—	0
5220 cement & concrete	498	498	—	—	—	—	—	—
5240 glass & glass prod.	6	—	—	2	4	—	—	—
5290 misc. mineral prod.	48	1	0	17	23	7	—	0
Subtotal primary iron and steel products	956	751	0	204	1	0	—	—
5312 pig iron	45	45	—	0	0	—	—	—
5315 ferro alloys	41	41	—	—	—	—	—	—
5320 i&s primary forms	335	137	0	198	0	—	—	—
5330 i&s plates & sheets	382	380	0	2	1	—	—	—
5360 i&s bars & shapes	41	41	—	0	—	—	—	—
5370 i&s pipe & tube	103	100	0	2	0	0	—	—
5390 primary i&s nec	8	6	—	1	0	—	—	—
Subtotal primary non-ferrous metal products	281	201	5	24	50	0	0	—
5421 copper	2	—	—	2	0	—	—	—
5422 aluminum	1	—	—	0	0	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
5429 smelted prod. nec	41	1	—	1	39	—	—	—
5480 fab. metal products	238	201	5	21	11	0	0	—
Subtotal primary wood products	83	43	10	5	25	—	—	—
5540 primary wood prod.	83	43	10	5	25	—	—	—
Total food and farm products	17,111	40	15,738	49	1,285	—	—	—
Subtotal fish	13	0	—	2	11	—	—	—
6134 fish (not shellfish)	11	0	—	0	11	—	—	—
6136 shellfish	2	—	—	2	0	—	—	—
Subtotal grain	14,835	—	14,704	1	130	—	—	—
6241 wheat	10,946	—	10,892	—	54	—	—	—
6344 corn	2,968	—	2,956	0	12	—	—	—
6442 rice	1	—	—	1	0	—	—	—
6443 barley & rye	810	—	746	—	64	—	—	—
6445 oats	0	—	—	—	0	—	—	—
6447 sorghum grains	110	—	110	—	—	—	—	—
Subtotal oilseeds	683	38	643	0	1	—	—	—
6522 soybeans	544	—	543	—	0	—	—	—
6534 flaxseed	0	—	—	—	0	—	—	—
6590 oilseeds nec	139	38	100	0	1	—	—	—
Subtotal vegetable products	278	0	—	7	271	—	—	—
6653 vegetable oils	2	0	—	1	1	—	—	—
6654 vegetables & prod.	276	0	—	6	270	—	—	—
Subtotal processed grain and animal feed	1,134	0	389	5	739	—	—	—
6746 wheat flour	8	—	0	—	8	—	—	—
6747 grain mill products	28	—	4	0	24	—	—	—
6781 hay & fodder	664	0	—	1	662	—	—	—
6782 animal feed, prep.	434	—	385	4	45	—	—	—
Subtotal other agricultural products	168	1	1	34	132	—	—	—
6811 meat, fresh, frozen	9	—	0	0	9	—	—	—
6817 meat, prepared	11	—	—	—	11	—	—	—
6822 dairy products	38	—	—	0	38	—	—	—
6835 fish, prepared	2	0	—	1	2	—	—	—
6838 tallow, animal oils	0	—	—	—	0	—	—	—
6839 animals & prod. nec	17	—	—	0	17	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	14	0	—	3	11	—	—	—
6858 fruit juices	14	0	—	7	6	—	—	—
6861 sugar	0	—	—	—	0	—	—	—
6871 coffee	0	—	0	0	0	—	—	—
6872 cocoa beans	0	—	—	0	—	—	—	—
6885 alcoholic beverages	18	1	—	16	1	—	—	—
6888 water & ice	3	0	—	3	—	—	—	—
6889 food products nec	22	—	1	2	19	—	—	—
6891 tobacco & products	0	—	0	—	—	—	—	—
6893 cotton	0	—	—	0	—	—	—	—
6894 natural fibers nec	0	—	—	0	—	—	—	—
6899 farm products nec	19	0	—	2	17	—	—	—
Total all manufactured equipment, machinery and products	881	372	36	402	71	—	—	—
7110 machinery (not elec)	39	11	5	8	15	—	—	—
7120 electrical machinery	118	66	29	18	5	—	—	—
7210 vehicles & parts	616	288	0	305	23	—	—	—
7220 aircraft & parts	1	0	—	0	0	—	—	—
7230 ships & boats	2	1	0	0	0	—	—	—
7400 manufac. wood prod.	11	4	0	2	5	—	—	—
7500 textile products	21	0	2	13	5	—	—	—
7600 rubber & plastic pr.	20	0	0	10	10	—	—	—
7900 manufac. prod. nec	53	0	0	46	7	—	—	—
Total unknown or not elsewhere classified	17	2	0	5	9	—	—	0
9900 unknown or nec	17	2	0	5	9	—	—	0
Ton-miles (x1000) Foreign & Canadian	3,088,566	487,599	2,162,821	98,086	232,842	93,591	7,845	5,782

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	8,202	7,497	567	105	33
Total petroleum and petroleum products	7,158	6,903	255	—	—
Subtotal crude petroleum	20	14	6	—	—
2100 crude petroleum	20	14	6	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Subtotal petroleum products	7,137	6,888	249	—	—
2211 gasoline	3,210	3,150	60	—	—
2330 distillate fuel oil	1,556	1,509	47	—	—
2340 residual fuel oil	356	289	68	—	—
2350 lube oil & greases	156	133	22	—	—
2429 naphtha & solvents	32	25	7	—	—
2430 asphalt, tar & pitch	78	34	44	—	—
2540 petroleum coke	8	8	—	—	—
2990 petro. products nec	1,741	1,741	—	—	—
Total chemicals and related products	228	164	27	4	33
Subtotal fertilizers	90	74	8	—	8
3110 nitrogenous fert.	90	74	8	—	8
Subtotal other chemicals and related products	138	90	18	4	26
3212 benzene & toluene	35	35	—	—	—
3220 alcohols	8	—	8	—	—
3274 sodium hydroxide	62	52	10	—	—
3276 metallic salts	29	—	—	4	26
3286 plastics	0	—	0	—	—
3297 chemical additives	4	4	—	—	—
Total crude materials, inedible except fuels	762	423	238	101	—
Subtotal forest products, wood and chips	762	423	238	101	—
4161 wood chips	470	414	8	48	—
4170 wood in the rough	62	7	2	53	—
4189 lumber	230	2	228	—	—
Total primary manufactured goods	51	6	45	—	—
Subtotal paper products	18	—	18	—	—
5190 paper products nec	18	—	18	—	—
Subtotal lime, cement and glass	6	6	—	—	—
5290 misc. mineral prod.	6	6	—	—	—
Subtotal primary iron and steel products	16	—	16	—	—
5360 i&s bars & shapes	13	—	13	—	—
5370 i&s pipe & tube	3	—	3	—	—
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Subtotal primary wood products	11	—	11	—	—
5540 primary wood prod.	11	—	11	—	—
Total all manufactured equipment, machinery and products	4	2	2	—	—
7110 machinery (not elec)	4	2	2	—	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7900 manufac. prod. nec	0	0	0	—	—
Ton-miles (x1000)	829,087	768,349	51,126	6,193	3,419
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	14,156	4,734	3,779	629	2,392	291	285	1,522	524
Total petroleum and petroleum products	3,436	2	1	286	2,306	—	—	736	103
Subtotal petroleum products	3,436	2	1	286	2,306	—	—	736	103
2211 gasoline	1,696	—	—	59	1,395	—	—	242	—
2330 distillate fuel oil	1,242	—	—	227	827	—	—	186	2
2340 residual fuel oil	491	2	1	—	84	—	—	304	99
2350 lube oil & greases	5	—	—	—	—	—	—	3	2
2990 petro. products nec	2	—	—	—	—	—	—	2	—
Total chemicals and related products	203	—	18	69	50	—	0	47	18
Subtotal fertilizers	104	—	18	67	6	—	—	7	6
3110 nitrogenous fert.	104	—	18	67	6	—	—	7	6

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal other chemicals and related products	99	—	—	1	45	—	0	40	12
3220 alcohols	40	—	—	—	—	—	—	40	—
3273 ammonia	14	—	—	—	14	—	—	—	—
3274 sodium hydroxide	44	—	—	1	31	—	—	—	12
3286 plastics	0	—	—	—	—	—	0	—	—
Total crude materials, inedible except fuels	4,026	1,203	1,347	101	35	263	42	648	387
Subtotal forest products, wood and chips	1,103	44	696	86	35	37	39	93	72
4161 wood chips	715	36	556	19	—	37	2	48	18
4170 wood in the rough	388	8	140	67	35	—	38	45	54
4189 lumber	0	—	—	—	—	—	—	0	—
Subtotal pulp and waste paper	22	—	20	—	—	—	2	—	—
4225 pulp & waste paper	22	—	20	—	—	—	2	—	—
Subtotal soil, sand, gravel, rock and stone	2,854	1,118	625	15	—	227	—	554	315
4331 sand & gravel	2,854	1,118	625	15	—	227	—	554	315
Subtotal iron ore and scrap	46	40	6	—	—	—	0	—	—
4420 iron & steel scrap	46	40	6	—	—	—	0	—	—
Subtotal sulphur, clay and salt	1	—	—	—	—	—	1	—	—
4782 clay & refrac. mat.	1	—	—	—	—	—	1	—	—
Total primary manufactured goods	17	—	7	1	—	0	8	0	—
Subtotal paper products	8	—	—	—	—	—	8	—	—
5190 paper products nec	8	—	—	—	—	—	8	—	—
Subtotal lime, cement and glass	0	—	—	—	—	0	0	—	—
5290 misc. mineral prod.	0	—	—	—	—	0	0	—	—
Subtotal primary iron and steel products	1	—	—	1	—	—	—	0	—
5360 i&s bars & shapes	1	—	—	1	—	—	—	0	—
Subtotal primary non-ferrous metal products	7	—	7	—	—	—	0	0	—
5422 aluminum	7	—	7	—	—	—	—	—	—
5480 fab. metal products	0	—	—	—	—	—	0	0	—
Total food and farm products	6,058	3,529	2,397	0	0	0	25	90	16
Subtotal grain	6,035	3,529	2,397	—	—	—	5	90	14
6241 wheat	5,619	3,294	2,227	—	—	—	4	90	4
6344 corn	1	—	—	—	—	—	1	—	—
6443 barley & rye	416	236	170	—	—	—	—	—	10
Subtotal oilseeds	2	—	—	—	—	—	—	—	2
6522 soybeans	2	—	—	—	—	—	—	—	2
Subtotal vegetable products	5	—	—	—	—	—	5	—	—
6654 vegetables & prod.	5	—	—	—	—	—	5	—	—
Subtotal processed grain and animal feed	11	—	—	—	—	0	10	—	—
6781 hay & fodder	11	—	—	—	—	0	10	—	—
Subtotal other agricultural products	5	—	0	0	0	—	5	—	—
6822 dairy products	1	—	—	—	—	—	1	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
6839 animals & prod. nec	1	—	—	—	—	—	1	—	—
6857 fruit & nuts nec	0	—	—	—	—	—	0	—	—
6889 food products nec	3	—	0	0	0	—	2	—	—
6899 farm products nec	1	—	—	—	—	—	1	—	—
Total all manufactured equipment, machinery and products	241	0	3	0	0	28	210	0	—
7110 machinery (not elec)	1	—	—	—	—	—	1	—	—
7500 textile products	0	—	—	—	—	0	—	—	—
7800 empty containers	232	0	1	0	0	28	203	0	—
7900 manufac. prod. nec	8	—	1	0	0	0	6	—	—
Total waste and scrap nec	176	—	4	171	—	—	—	—	—
8900 waste and scrap nec	176	—	4	171	—	—	—	—	—
Ton-miles Internal (x1000)	192,952	68,052	61,863	5,146	29,078	4,694	718	15,481	7,920
Tons All Traffic (x1000)		55,549							
Ton-miles All Traffic (x1000)		4,110,604							

*Includes 40 (x1000) tons of foreign inbound in-transits; Includes 424 (x1000) tons of foreign outbound in-transits.

PORT OF ASTORIA, OR

Section Included: (Statistics for that section of the port with frontage on the Columbia River are also included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for portion of port with frontage on Youngs Bay are also included in statistics for Youngs Bay and Youngs River, OR) Controlling Depth: 38 feet in Columbia River and 6 feet in Youngs Bay. Project Depth: 40 feet in Columbia River and 10 feet in Youngs Bay.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	660	1994	1,354	1997	298	2000	504
1992	721	1995	985	1998	306		
1993	412	1996	324	1999	288		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian Inbound	Domestic		
				Total	Internal	
					Receipts	Shipments
Total, all commodities	504	490	2	12	10	1
Total petroleum and petroleum products	10	—	—	10	10	0
Subtotal petroleum products	10	—	—	10	10	0
2330 distillate fuel oil	1	—	—	1	1	—
2340 residual fuel oil	8	—	—	8	8	—
2350 lube oil & greases	0	—	—	0	0	0
Total chemicals and related products	11	9	—	2	1	1
Subtotal fertilizers	2	—	—	2	1	1
3110 nitrogenous fert.	2	—	—	2	1	1
Subtotal other chemicals and related products	9	9	—	—	—	—
3292 starches, gluten, glue	9	9	—	—	—	—
Total crude materials, inedible except fuels	2	—	2	—	—	—
Subtotal forest products, wood and chips	2	—	2	—	—	—
4161 wood chips	2	—	2	—	—	—
Total food and farm products	481	481	—	—	—	—
Subtotal grain	451	451	—	—	—	—
6241 wheat	198	198	—	—	—	—
6344 corn	224	224	—	—	—	—
6447 sorghum grains	29	29	—	—	—	—
Subtotal oilseeds	18	18	—	—	—	—
6522 soybeans	18	18	—	—	—	—

PORT OF ASTORIA, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Outbound	Inbound	Inbound	Inbound	Total	Internal	
						Receipts	Shipments	Shipments
Subtotal processed grain and animal feed	11	11	—	—	—	—	—	—
6782 animal feed, prep.	11	11	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	0	0	—	—	—	—	—	—
7500 textile products	0	0	—	—	—	—	—	—

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
1991	883	1994	901	1997	955	2000	364
1992	987	1995	1,003	1998	477		
1993	945	1996	882	1999	332		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic					
			Total	Coastwise		Internal		
				Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	364	28	336	158	10	160	7	2
Total petroleum and petroleum products	6	—	6	—	—	5	1	—
Subtotal petroleum products	6	—	6	—	—	5	1	—
2340 residual fuel oil	6	—	6	—	—	5	1	—
Total chemicals and related products	17	—	17	—	7	9	1	—
Subtotal fertilizers	17	—	17	—	7	9	1	—
3110 nitrogenous fert.	17	—	17	—	7	9	1	—
Total crude materials, inedible except fuels	341	28	313	158	2	146	6	2
Subtotal forest products, wood and chips	341	28	313	158	2	146	6	2
4161 wood chips	315	28	287	158	2	127	—	—
4170 wood in the rough	26	—	26	—	—	19	6	2

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
1991	7,806	1994	6,442	1997	5,540	2000	4,113
1992	6,309	1995	6,167	1998	4,279		
1993	5,476	1996	5,163	1999	3,984		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	3,169	197	2,879	7	86
Total coal	3	3	—	—	—
1100 coal lignite	3	3	—	—	—
Total petroleum and petroleum products	741	75	581	—	86
Subtotal petroleum products	741	75	581	—	86
2430 asphalt, tar & pitch	72	72	—	—	—
2540 petroleum coke	669	2	581	—	86
Total chemicals and related products	411	46	364	—	—
Subtotal fertilizers	95	46	49	—	—
3110 nitrogenous fert.	46	46	—	—	—
3130 potassic fert.	49	—	49	—	—

PORT OF LONGVIEW, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Subtotal other chemicals and related products	316	1	316	—	—
3276 metallic salts	225	—	225	—	—
3281 radioactive material	1	1	—	—	—
3282 pigments & paints	22	—	22	—	—
3292 starches, gluten, glue	68	—	68	—	—
Total crude materials, inedible except fuels	950	3	947	—	—
Subtotal forest products, wood and chips	874	1	873	—	—
4170 wood in the rough	863	1	862	—	—
4189 lumber	11	0	11	—	—
Subtotal pulp and waste paper	20	—	20	—	—
4225 pulp & waste paper	20	—	20	—	—
Subtotal non-ferrous ores and scrap	4	—	4	—	—
4680 non-ferrous scrap	4	—	4	—	—
Subtotal sulphur, clay and salt	37	2	35	—	—
4782 clay & refrac. mat.	37	2	35	—	—
Subtotal other non-metal. min.	15	—	15	—	—
4900 non-metal. min. nec	15	—	15	—	—
Total primary manufactured goods	74	62	5	7	—
Subtotal paper products	0	—	0	—	—
5120 paper & paperboard	0	—	0	—	—
Subtotal lime, cement and glass	7	—	—	7	—
5290 misc. mineral prod.	7	—	—	7	—
Subtotal primary iron and steel products	54	54	—	0	—
5320 i&s primary forms	1	1	—	—	—
5330 i&s plates & sheets	42	42	—	—	—
5360 i&s bars & shapes	6	6	—	—	—
5370 i&s pipe & tube	6	6	—	0	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	10	7	3	—	—
5429 smelted prod. nec	0	0	—	—	—
5480 fab. metal products	10	6	3	—	—
Subtotal primary wood products	2	1	1	—	—
5540 primary wood prod.	2	1	1	—	—
Total food and farm products	987	6	982	—	—
Subtotal grain	796	—	796	—	—
6241 wheat	425	—	425	—	—
6344 corn	298	—	298	—	—
6443 barley & rye	73	—	73	—	—
Subtotal oilseeds	130	6	124	—	—
6522 soybeans	44	—	44	—	—
6590 oilseeds nec	86	6	80	—	—
Subtotal processed grain and animal feed	61	—	61	—	—
6782 animal feed, prep.	61	—	61	—	—
Total all manufactured equipment, machinery and products	1	1	—	—	—
7110 machinery (not elec)	1	1	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	944	192	34	655	62	1
Total petroleum and petroleum products	48	—	—	47	0	1
Subtotal petroleum products	48	—	—	47	0	1
2330 distillate fuel oil	0	—	—	0	—	—
2340 residual fuel oil	46	—	—	45	0	1
2350 lube oil & greases	1	—	—	1	0	—
Total chemicals and related products	12	—	—	12	—	—
Subtotal other chemicals and related products	12	—	—	12	—	—
3274 sodium hydroxide	12	—	—	12	—	—
Total crude materials, inedible except fuels	857	186	24	588	59	—
Subtotal forest products, wood and chips	789	186	24	520	59	—
4161 wood chips	641	186	—	454	—	—
4170 wood in the rough	125	—	—	66	59	—
4189 lumber	24	—	24	—	—	—
Subtotal soil, sand, gravel, rock and stone	68	—	—	68	—	—
4331 sand & gravel	68	—	—	68	—	—
Total primary manufactured goods	24	6	11	7	—	—
Subtotal paper products	9	—	9	—	—	—
5190 paper products nec	9	—	9	—	—	—

PORT OF LONGVIEW, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal lime, cement and glass	6	6	—	—	—	—
5290 misc. mineral prod.	6	6	—	—	—	—
Subtotal primary non-ferrous metal products	7	—	—	7	—	—
5422 aluminum	7	—	—	7	—	—
Subtotal primary wood products	2	—	2	—	—	—
5540 primary wood prod.	2	—	2	—	—	—
Total food and farm products	3	—	—	—	3	—
Subtotal grain	3	—	—	—	3	—
6241 wheat	3	—	—	—	3	—
Total all manufactured equipment, machinery and products	0	—	—	—	0	—
7800 empty containers	0	—	—	—	0	—

*Includes 2 (x1000) tons of foreign inbound in-transits; Includes 14 (x1000) 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
1991	5,881	1994	5,351	1997	8,301	2000	5,791
1992	6,676	1995	11,347	1998	4,717		
1993	6,501	1996	8,223	1999	6,956		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound*	Outbound*	Total	Internal		
					Receipts	Receipts	
Total, all commodities	5,791	252	4,428	1,111	37	1,025	49
Total petroleum and petroleum products	10	—	—	10	—	10	—
Subtotal petroleum products	10	—	—	10	—	10	—
2330 distillate fuel oil	0	—	—	0	—	0	—
2340 residual fuel oil	10	—	—	10	—	10	—
2350 lube oil & greases	0	—	—	0	—	0	—
Total chemicals and related products	169	27	108	35	35	—	—
Subtotal other chemicals and related products	169	27	108	35	35	—	—
3212 benzene & toluene	62	27	—	35	35	—	—
3276 metallic salts	68	—	68	—	—	—	—
3292 starches, gluten, glue	40	—	40	—	—	—	—
Total crude materials, inedible except fuels	32	2	0	30	2	22	6
Subtotal forest products, wood and chips	31	0	0	30	2	22	6
4170 wood in the rough	28	0	—	28	—	22	6
4189 lumber	3	0	0	2	2	—	—
Subtotal pulp and waste paper	1	1	—	—	—	—	—
4225 pulp & waste paper	1	1	—	—	—	—	—
Total primary manufactured goods	224	223	0	—	—	—	—
Subtotal paper products	0	—	0	—	—	—	—
5120 paper & paperboard	0	—	0	—	—	—	—
Subtotal primary iron and steel products	218	218	—	—	—	—	—
5315 ferro alloys	17	17	—	—	—	—	—
5320 i&s primary forms	0	0	—	—	—	—	—
5330 i&s plates & sheets	197	197	—	—	—	—	—
5360 i&s bars & shapes	1	1	—	—	—	—	—
5370 i&s pipe & tube	2	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	4	4	0	—	—	—	—
5480 fab. metal products	4	4	0	—	—	—	—
Subtotal primary wood products	2	2	—	—	—	—	—
5540 primary wood prod.	2	2	—	—	—	—	—
Total food and farm products	5,354	—	4,318	1,036	—	993	43
Subtotal grain	4,931	—	3,896	1,034	—	992	43
6241 wheat	2,414	—	1,543	871	—	828	43
6344 corn	2,239	—	2,239	—	—	—	—
6443 barley & rye	197	—	34	164	—	164	—
6447 sorghum grains	81	—	81	—	—	—	—

PORT OF KALAMA, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound*	Outbound*	Total	Internal		Shipments
					Coastwise Receipts	Receipts	
Subtotal oilseeds	383	—	381	2	—	2	—
6522 soybeans	379	—	378	2	—	2	—
6590 oilseeds nec	4	—	4	—	—	—	—
Subtotal processed grain and animal feed	40	—	40	—	—	—	—
6782 animal feed, prep.	40	—	40	—	—	—	—
Total all manufactured equipment, machinery and products	2	0	2	—	—	—	—
7110 machinery (not elec)	0	0	0	—	—	—	—
7500 textile products	2	—	2	—	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—

*Includes 1 (x1000) tons of foreign inbound in-transits; Includes 63 (x1000) tons of foreign outbound in-transits.

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
1991	1,550	1994	1,360	1997	1,298	2000	1,400
1992	1,405	1995	1,616	1998	1,267		
1993	1,570	1996	1,783	1999	1,203		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Coastwise Receipts	Domestic			
			Internal			
			Inbound		Outbound	
			Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,400	53	132	20	1,008	187
Total petroleum and petroleum products	20	—	—	20	—	—
Subtotal petroleum products	20	—	—	20	—	—
2340 residual fuel oil	20	—	—	20	—	—
Total crude materials, inedible except fuels	1,381	53	132	—	1,008	187
Subtotal forest products, wood and chips	219	53	132	—	—	34
4170 wood in the rough	219	53	132	—	—	34
Subtotal soil, sand, gravel, rock and stone	1,162	—	—	—	1,008	154
4331 sand & gravel	1,162	—	—	—	1,008	154
Ton-miles (x1000)	24,423	284	132	474	23,191	341
Tons All Traffic (x1000)	1,400					
Ton-miles All Traffic (x1000)	24,423					

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
1991	2,182	1994	3,730	1997	3,608	2000	3,667
1992	2,794	1995	3,592	1998	3,103		
1993	3,089	1996	2,928	1999	3,717		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
					Upbound	Downbnd	
Total, all commodities	3,667	959	2,283	54	370	336	35
Total petroleum and petroleum products	192	63	16	53	60	56	4
Subtotal petroleum products	192	63	16	53	60	56	4
2211 gasoline	53	45	—	9	—	—	—
2330 distillate fuel oil	49	—	16	33	—	—	—
2340 residual fuel oil	71	—	—	11	60	56	4
2350 lube oil & greases	2	2	0	—	—	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—	—
2430 asphalt, tar & pitch	16	16	—	—	—	—	—
2540 petroleum coke	0	—	0	—	—	—	—
Total chemicals and related products	65	26	39	—	0	0	—
Subtotal fertilizers	1	0	1	—	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—	—
3130 potassic fert.	0	—	0	—	—	—	—
3190 fert. & mixes nec	1	0	1	—	—	—	—
Subtotal other chemicals and related products	64	26	39	—	0	0	—
3219 other hydrocarbons	0	0	0	—	—	—	—
3220 alcohols	2	1	1	—	—	—	—
3230 carboxylic acids	4	0	4	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—	—
3260 organic comp. nec	4	2	1	—	—	—	—
3272 sulphuric acid	0	0	0	—	—	—	—
3273 ammonia	0	—	—	—	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	7	5	2	—	—	—	—
3276 metallic salts	4	3	1	—	—	—	—
3279 inorganic chem. nec	1	1	0	—	—	—	—
3282 pigments & paints	2	0	2	—	—	—	—
3283 coloring mat. nec	0	0	0	—	—	—	—
3284 medicines	1	1	1	—	—	—	—
3285 perfumes & cleansers	4	2	2	—	—	—	—
3286 plastics	25	7	18	—	0	0	—
3292 starches, gluten, glue	2	0	2	—	—	—	—
3293 explosives	1	1	0	—	—	—	—
3297 chemical additives	0	—	0	—	—	—	—
3298 wood & resin chem.	0	—	0	—	—	—	—
3299 chem. products nec	5	1	3	—	—	—	—
Total crude materials, inedible except fuels	630	150	440	0	40	36	3
Subtotal forest products, wood and chips	320	92	223	0	5	2	3
4110 rubber & gums	0	0	0	—	—	—	—
4150 fuel wood	1	0	1	—	—	—	—
4161 wood chips	2	—	0	—	2	2	—
4170 wood in the rough	31	8	20	0	3	—	3
4189 lumber	285	83	202	—	—	—	—
4190 forest products nec	0	0	0	—	—	—	—
Subtotal pulp and waste paper	177	0	175	—	2	2	—
4225 pulp & waste paper	177	0	175	—	2	2	—
Subtotal soil, sand, gravel, rock and stone	91	58	1	—	32	32	—
4310 building stone	5	5	0	—	—	—	—
4323 gypsum	52	52	0	—	—	—	—
4331 sand & gravel	33	1	1	—	32	32	—
Subtotal iron ore and scrap	8	—	8	—	0	0	—
4420 iron & steel scrap	8	—	8	—	0	0	—
Subtotal non-ferrous ores and scrap	20	0	20	—	—	—	—
4630 copper ore	0	—	0	—	—	—	—
4650 aluminum ore	1	0	1	—	—	—	—
4680 non-ferrous scrap	19	—	19	—	—	—	—
4690 non-ferrous ores nec	0	0	0	—	—	—	—
Subtotal sulphur, clay and sand	7	0	6	—	1	1	—
4782 clay & refrac. mat.	7	0	6	—	1	1	—
Subtotal slag	0	—	0	—	—	—	—
4860 slag	0	—	0	—	—	—	—

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
					Upbound	Inbound	Outbound
					Downbnd		
Subtotal other non-metal. min.	8	0	8	—	—	—	—
4900 non-metal. min. nec	8	0	8	—	—	—	—
Total primary manufactured goods	697	265	422	1	8	8	0
Subtotal paper products	343	13	320	1	8	8	—
5110 newsprint	18	—	18	—	—	—	—
5120 paper & paperboard	301	13	287	1	—	—	—
5190 paper products nec	24	1	15	—	8	8	—
Subtotal lime, cement and glass	46	19	27	0	0	0	0
5240 glass & glass prod.	6	2	4	—	—	—	—
5290 misc. mineral prod.	40	17	23	0	0	0	0
Subtotal primary iron and steel products	204	204	1	—	—	—	—
5312 pig iron	0	0	0	—	—	—	—
5320 i&s primary forms	198	198	0	—	—	—	—
5330 i&s plates & sheets	2	2	1	—	—	—	—
5360 i&s bars & shapes	0	0	—	—	—	—	—
5370 i&s pipe & tube	2	2	0	—	—	—	—
5390 primary i&s nec	1	1	0	—	—	—	—
Subtotal primary non-ferrous metal products	74	24	50	—	0	0	—
5421 copper	2	2	0	—	—	—	—
5422 aluminum	1	0	0	—	—	—	—
5429 smelted prod. nec	40	1	39	—	—	—	—
5480 fab. metal products	32	21	11	—	0	0	—
Subtotal primary wood products	29	5	25	—	—	—	—
5540 primary wood prod.	29	5	25	—	—	—	—
Total food and farm products	1,359	49	1,285	—	25	25	0
Subtotal fish	13	2	11	—	—	—	—
6134 fish (not shellfish)	11	0	11	—	—	—	—
6136 shellfish	2	2	0	—	—	—	—
Subtotal grain	135	1	130	—	5	5	—
6241 wheat	58	—	54	—	4	4	—
6344 corn	13	0	12	—	1	1	—
6442 rice	1	1	0	—	—	—	—
6443 barley & rye	64	—	64	—	—	—	—
6445 oats	0	—	0	—	—	—	—
Subtotal oilseeds	1	0	1	—	—	—	—
6522 soybeans	0	—	0	—	—	—	—
6534 flaxseed	0	—	0	—	—	—	—
6590 oilseeds nec	1	0	1	—	—	—	—
Subtotal vegetable products	283	7	271	—	5	5	—
6653 vegetable oils	2	1	1	—	—	—	—
6654 vegetables & prod.	281	6	270	—	5	5	—
Subtotal processed grain and animal feed	755	5	739	—	11	10	0
6746 wheat flour	8	—	8	—	—	—	—
6747 grain mill products	24	0	24	—	—	—	—
6781 hay & fodder	674	1	662	—	11	10	0
6782 animal feed, prep.	49	4	45	—	—	—	—
Subtotal other agricultural products	171	34	132	—	5	5	—
6811 meat, fresh, frozen	9	0	9	—	—	—	—
6817 meat, prepared	11	—	11	—	—	—	—
6822 dairy products	39	0	38	—	1	1	—
6835 fish, prepared	2	1	2	—	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—	—
6839 animals & prod. nec	18	0	17	—	1	1	—
6857 fruit & nuts nec	14	3	11	—	0	0	—
6858 fruit juices	13	7	6	—	—	—	—
6861 sugar	0	—	0	—	—	—	—
6871 coffee	0	0	0	—	—	—	—
6872 cocoa beans	0	0	—	—	—	—	—
6885 alcoholic beverages	17	16	1	—	—	—	—
6888 water & ice	3	3	—	—	—	—	—
6889 food products nec	23	2	19	—	2	2	—
6893 cotton	0	0	—	—	—	—	—
6894 natural fibers nec	0	0	—	—	—	—	—
6899 farm products nec	20	2	17	—	1	1	—
Total all manufactured equipment, machinery and products	711	402	71	—	238	210	28
7110 machinery (not elec)	24	8	15	—	1	1	—
7120 electrical machinery	23	18	5	—	—	—	—
7210 vehicles & parts	328	305	23	—	—	—	—
7220 aircraft & parts	0	0	0	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7400 manufac. wood prod.	7	2	5	—	—	—	—
7500 textile products	18	13	5	—	0	—	0
7600 rubber & plastic pr.	20	10	10	—	—	—	—
7800 empty containers	231	—	—	—	231	203	28
7900 manufac. prod. nec	59	46	7	—	6	6	0

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound*	Total	Internal	
					Upbound	Inbound	Outbound
Total unknown or not elsewhere classified	14	5	9	0	—	—	—
9900 unknown or nec	14	5	9	0	—	—	—

*Includes 4 (x1000) tons of foreign inbound in-transits; Includes 55 (x1000) tons of foreign outbound in-transits;
 Includes 0 (x1000) 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
1991	6,485	1994	6,281	1997	7,838	2000	7,653
1992	6,839	1995	7,535	1998	7,849		
1993	7,380	1996	7,704	1999	7,825		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	4,362	943	3,397	3	19
Total petroleum and petroleum products	63	20	23	3	17
Subtotal petroleum products	63	20	23	3	17
2330 distillate fuel oil	3	—	—	3	—
2340 residual fuel oil	10	10	—	—	—
2430 asphalt, tar & pitch	9	9	—	—	—
2540 petroleum coke	40	—	23	—	17
Total chemicals and related products	269	45	224	—	—
Subtotal fertilizers	87	44	43	—	—
3110 nitrogenous fert.	38	38	—	—	—
3130 potassic fert.	43	—	43	—	—
3190 fert. & mixes nec	5	5	—	—	—
Subtotal other chemicals and related products	183	2	181	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—
3276 metallic salts	71	1	70	—	—
3282 pigments & paints	0	0	—	—	—
3286 plastics	0	0	—	—	—
3292 starches, gluten, glue	111	—	111	—	—
Total crude materials, inedible except fuels	767	476	289	—	2
Subtotal forest products, wood and chips	29	25	4	—	0
4170 wood in the rough	11	11	1	—	—
4189 lumber	17	14	3	—	0
Subtotal pulp and waste paper	105	24	78	—	2
4225 pulp & waste paper	105	24	78	—	2
Subtotal soil, sand, gravel, rock and stone	0	0	—	—	—
4310 building stone	0	0	—	—	—
Subtotal non-ferrous ores and scrap	484	427	57	—	—
4630 copper ore	35	—	35	—	—
4650 aluminum ore	427	427	—	—	—
4690 non-ferrous ores nec	22	—	22	—	—
Subtotal sulphur, clay and salt	150	—	150	—	—
4782 clay & refrac. mat.	150	—	150	—	—
Total primary manufactured goods	322	311	11	—	—
Subtotal paper products	2	0	2	—	—
5120 paper & paperboard	2	0	2	—	—
Subtotal lime, cement and glass	44	44	0	—	—
5220 cement & concrete	43	43	—	—	—
5290 misc. mineral prod.	0	0	0	—	—

PORT OF VANCOUVER, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Subtotal primary iron and steel products	227	227	0	—	—
5315 ferro alloys	16	16	—	—	—
5320 i&s primary forms	22	22	—	—	—
5330 i&s plates & sheets	91	91	0	—	—
5360 i&s bars & shapes	24	24	—	—	—
5370 i&s pipe & tube	74	74	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	4	3	0	—	—
5480 fab. metal products	4	3	0	—	—
Subtotal primary wood products	46	37	9	—	—
5540 primary wood prod.	46	37	9	—	—
Total food and farm products	2,850	1	2,849	—	—
Subtotal grain	2,726	—	2,726	—	—
6241 wheat	2,545	—	2,545	—	—
6344 corn	52	—	52	—	—
6443 barley & rye	130	—	130	—	—
Subtotal oilseeds	89	—	89	—	—
6522 soybeans	77	—	77	—	—
6590 oilseeds nec	12	—	12	—	—
Subtotal vegetable products	0	0	—	—	—
6653 vegetable oils	0	0	—	—	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal processed grain and animal feed	33	—	33	—	—
6747 grain mill products	4	—	4	—	—
6782 animal feed, prep.	30	—	30	—	—
Subtotal other agricultural products	1	1	—	—	—
6885 alcoholic beverages	1	1	—	—	—
6888 water & ice	0	0	—	—	—
Total all manufactured equipment, machinery and products	90	89	1	—	—
7110 machinery (not elec)	3	2	1	—	—
7120 electrical machinery	0	0	—	—	—
7210 vehicles & parts	82	82	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	4	4	0	—	—
7600 rubber & plastic pr.	0	0	—	—	—
7900 manufac. prod. nec	0	0	0	—	—
Total unknown or not elsewhere classified	1	1	0	—	—
9900 unknown or nec	1	1	0	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	3,290	212	14	1,665	1,312	87
Total petroleum and petroleum products	928	210	12	128	491	87
Subtotal petroleum products	928	210	12	128	491	87
2211 gasoline	316	41	—	1	258	16
2330 distillate fuel oil	540	170	—	69	231	71
2340 residual fuel oil	72	—	12	58	2	—
2350 lube oil & greases	1	—	—	1	—	—
Total chemicals and related products	22	—	—	18	4	—
Subtotal fertilizers	22	—	—	18	4	—
3110 nitrogenous fert.	22	—	—	18	4	—
Total crude materials, inedible except fuels	683	—	—	45	637	0
Subtotal forest products, wood and chips	18	—	—	8	10	0
4170 wood in the rough	17	—	—	8	9	—
4189 lumber	0	—	—	—	0	0
Subtotal pulp and waste paper	20	—	—	20	—	—
4225 pulp & waste paper	20	—	—	20	—	—
Subtotal soil, sand, gravel, rock and stone	639	—	—	11	628	—
4331 sand & gravel	639	—	—	11	628	—
Subtotal iron ore and scrap	6	—	—	6	—	—
4420 iron & steel scrap	6	—	—	6	—	—
Total primary manufactured goods	1	—	—	0	1	—
Subtotal primary iron and steel products	1	—	—	—	1	—
5360 i&s bars & shapes	1	—	—	—	1	—

PORT OF VANCOUVER, WA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal primary non-ferrous metal products	0	—	—	0	—	—
5480 fab. metal products	0	—	—	0	—	—
Total food and farm products	1,474	—	—	1,466	8	—
Subtotal grain	1,471	—	—	1,466	6	—
6241 wheat	1,455	—	—	1,449	6	—
6443 barley & rye	16	—	—	16	—	—
Subtotal oilseeds	2	—	—	—	2	—
6522 soybeans	2	—	—	—	2	—
Subtotal other agricultural products	1	—	—	0	0	—
6889 food products nec	1	—	—	0	0	—
Total all manufactured equipment, machinery and products	7	2	2	3	0	—
7110 machinery (not elec)	4	2	2	—	—	—
7800 empty containers	1	—	—	1	0	—
7900 manufac. prod. nec	2	—	—	1	0	—
Total waste and scrap nec	176	—	—	4	171	—
8900 waste and scrap nec	176	—	—	4	171	—

*Includes 26 (x1000) tons of foreign inbound in-transits; Includes 12 (x1000) 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
1991	10,210	1994	11,277	1997	10,923	2000	10,672
1992	10,671	1995	11,626	1998	9,910		
1993	10,843	1996	10,733	1999	9,396		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign & Canadian	
		Inbound	Inbound
Total, all commodities	5	2	2
Total crude materials, inedible except fuels	5	2	2
Subtotal forest products, wood and chips	2	—	2
4161 wood chips	2	—	2
Subtotal pulp and waste paper	2	2	—
4225 pulp & waste paper	2	2	—
Ton-miles (x1000) Foreign & Canadian	59	30	29

Commodity	Total	Coastwise		
		Receipts	Through	
			Upbound	Downbnd
Total, all commodities	46	9	4	33
Total chemicals and related products	37	—	4	33
Subtotal fertilizers	8	—	—	8
3110 nitrogenous fert.	8	—	—	8
Subtotal other chemicals and related products	29	—	4	26
3276 metallic salts	29	—	4	26
Total crude materials, inedible except fuels	9	9	—	—
Subtotal forest products, wood and chips	9	9	—	—
4161 wood chips	9	9	—	—
Ton-miles (x1000) Coastwise	3,268	119	327	2,822

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal						
		Inbound		Outbound	Through		Intra	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,621	242	123	404	2,830	6,765	127	130
Total petroleum and petroleum products	2,516	8	—	—	2,509	—	—	—
Subtotal petroleum products	2,516	8	—	—	2,509	—	—	—
2211 gasoline	1,454	—	—	—	1,454	—	—	—
2330 distillate fuel oil	1,054	—	—	—	1,054	—	—	—
2340 residual fuel oil	8	8	—	—	—	—	—	—
Total chemicals and related products	137	—	—	—	119	18	—	—
Subtotal fertilizers	91	—	—	—	73	18	—	—
3110 nitrogenous fert.	91	—	—	—	73	18	—	—
Subtotal other chemicals and related products	46	—	—	—	46	0	—	—
3273 ammonia	14	—	—	—	14	—	—	—
3274 sodium hydroxide	32	—	—	—	32	—	—	—
3286 plastics	0	—	—	—	—	0	—	—
Total crude materials, inedible except fuels	1,579	233	120	302	3	666	127	130
Subtotal forest products, wood and chips	1,007	64	22	285	—	393	127	117
4161 wood chips	719	55	22	136	—	393	113	—
4170 wood in the rough	289	9	—	149	—	—	14	117
Subtotal pulp and waste paper	22	—	—	—	—	22	—	—
4225 pulp & waste paper	22	—	—	—	—	22	—	—
Subtotal soil, sand, gravel, rock and stone	503	169	98	16	3	204	—	13
4331 sand & gravel	503	169	98	16	3	204	—	13
Subtotal iron ore and scrap	46	—	—	0	—	46	—	—
4420 iron & steel scrap	46	—	—	0	—	46	—	—
Subtotal sulphur, clay and salt	1	—	—	—	—	1	—	—
4782 clay & refrac. mat.	1	—	—	—	—	1	—	—
Total primary manufactured goods	17	1	—	7	0	8	—	—
Subtotal paper products	8	—	—	—	—	8	—	—
5190 paper products nec	8	—	—	—	—	8	—	—
Subtotal lime, cement and glass	0	—	—	—	0	0	—	—
5290 misc. mineral prod.	0	—	—	—	0	0	—	—
Subtotal primary iron and steel products	1	1	—	—	0	—	—	—
5360 i&s bars & shapes	1	1	—	—	0	—	—	—
Subtotal primary non-ferrous metal products	7	—	—	7	—	0	—	—
5422 aluminum	7	—	—	7	—	—	—	—
5480 fab. metal products	0	—	—	—	—	0	—	—
Total food and farm products	5,955	—	3	95	0	5,856	—	—
Subtotal grain	5,934	—	3	95	—	5,836	—	—
6241 wheat	5,528	—	3	89	—	5,435	—	—
6344 corn	1	—	—	—	—	1	—	—
6443 barley & rye	405	—	—	6	—	400	—	—
Subtotal vegetable products	5	—	—	—	—	5	—	—
6654 vegetables & prod.	5	—	—	—	—	5	—	—
Subtotal processed grain and animal feed	11	—	—	—	0	10	—	—
6781 hay & fodder	11	—	—	—	0	10	—	—
Subtotal other agricultural products	5	—	—	—	0	5	—	—
6822 dairy products	1	—	—	—	—	1	—	—
6839 animals & prod. nec	1	—	—	—	—	1	—	—
6857 fruit & nuts nec	0	—	—	—	—	0	—	—
6889 food products nec	3	—	—	—	0	3	—	—
6899 farm products nec	1	—	—	—	—	1	—	—
Total all manufactured equipment, machinery and products	241	0	—	—	28	213	—	—
7110 machinery (not elec)	1	—	—	—	—	1	—	—
7500 textile products	0	—	—	—	0	—	—	—
7800 empty containers	232	0	—	—	28	204	—	—
7900 manufac. prod. nec	8	—	—	—	0	8	—	—

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Internal						
		Inbound		Outbound	Through		Intra	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total waste and scrap nec	176	—	—	—	171	4	—	—
8900 waste and scrap nec	176	—	—	—	171	4	—	—
Ton-miles (x1000)	857,465	3,062	8,704	25,780	240,533	575,050	291	4,044
Internal								
Tons All Traffic (x1000)		10,672						
Ton-miles All Traffic (x1000)		860,793						

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
1991	7,665	1994	9,246	1997	9,754	2000	9,776
1992	7,580	1995	9,802	1998	9,166		
1993	8,469	1996	9,061	1999	8,700		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise		Inbound		Internal		Through
		Upbound	Downbnd	Upbound	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	9,776	4	33	631	21	1,303	2,199	5,585
Total petroleum and petroleum products	2,509	—	—	388	—	—	2,120	—
Subtotal petroleum products	2,509	—	—	388	—	—	2,120	—
2211 gasoline	1,454	—	—	1	—	—	1,453	—
2330 distillate fuel oil	1,054	—	—	387	—	—	668	—
Total chemicals and related products	195	4	33	50	21	4	69	14
Subtotal fertilizers	119	—	8	42	21	4	31	14
3110 nitrogenous fert.	117	—	8	42	19	4	31	14
3190 fert. & mixes nec	2	—	—	—	2	—	—	—
Subtotal other chemicals and related products	76	4	26	8	—	—	38	0
3273 ammonia	14	—	—	5	—	—	9	—
3274 sodium hydroxide	32	—	—	3	—	—	29	—
3276 metallic salts	29	4	26	—	—	—	—	—
3286 plastics	0	—	—	—	—	—	—	0
Total crude materials, inedible except fuels	788	—	—	3	—	475	—	311
Subtotal forest products, wood and chips	415	—	—	—	—	172	—	242
4161 wood chips	415	—	—	—	—	172	—	242
Subtotal pulp and waste paper	22	—	—	—	—	—	—	22
4225 pulp & waste paper	22	—	—	—	—	—	—	22
Subtotal soil, sand, gravel, rock and stone	305	—	—	3	—	302	—	—
4331 sand & gravel	305	—	—	3	—	302	—	—
Subtotal iron ore and scrap	46	—	—	—	—	—	—	46
4420 iron & steel scrap	46	—	—	—	—	—	—	46
Subtotal sulphur, clay and salt	1	—	—	—	—	—	—	1
4782 clay & refrac. mat.	1	—	—	—	—	—	—	1
Total primary manufactured goods	8	—	—	—	—	0	0	8
Subtotal paper products	8	—	—	—	—	—	—	8
5190 paper products nec	8	—	—	—	—	—	—	8
Subtotal lime, cement and glass	0	—	—	—	—	—	0	0
5290 misc. mineral prod.	0	—	—	—	—	—	0	0
Subtotal primary iron and steel products	0	—	—	—	—	—	0	—
5360 i&s bars & shapes	0	—	—	—	—	—	0	—
Subtotal primary non-ferrous metal products	0	—	—	—	—	0	—	0
5480 fab. metal products	0	—	—	—	—	0	—	0

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise		Inbound		Internal		
		Through		Upbound	Downbnd	Outbound	Through	
		Upbound	Downbnd				Upbound	Downbnd
Total food and farm products	5,860	—	—	0	—	622	0	5,237
Subtotal grain	5,839	—	—	—	—	617	—	5,222
6241 wheat	5,438	—	—	—	—	583	—	4,856
6344 corn	1	—	—	—	—	—	—	1
6443 barley & rye	400	—	—	—	—	34	—	366
Subtotal vegetable products	5	—	—	—	—	1	—	4
6654 vegetables & prod.	5	—	—	—	—	1	—	4
Subtotal processed grain and animal feed	11	—	—	—	—	2	0	9
6781 hay & fodder	11	—	—	—	—	2	0	9
Subtotal other agricultural products	5	—	—	0	—	3	—	2
6822 dairy products	1	—	—	—	—	0	—	1
6839 animals & prod. nec	1	—	—	—	—	—	—	1
6857 fruit & nuts nec	0	—	—	—	—	—	—	0
6889 food products nec	3	—	—	0	—	3	—	—
6899 farm products nec	1	—	—	—	—	—	—	1
Total all manufactured equipment, machinery and products	241	—	—	19	—	198	9	15
7110 machinery (not elec)	1	—	—	—	—	1	—	—
7500 textile products	0	—	—	—	—	—	0	—
7800 empty containers	232	—	—	19	—	196	9	8
7900 manufac. prod. nec	8	—	—	0	—	1	0	7
Total waste and scrap nec	176	—	—	171	—	4	—	—
8900 waste and scrap nec	176	—	—	171	—	4	—	—
Ton-miles (x1000)	905,724	377	3,254	57,797	0	81,483	215,488	547,326
Tons All Traffic (x1000)		9,776						
Ton-miles All Traffic (x1000)		905,725						

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
1991	29,299	1994	30,164	1997	29,561	2000	34,334
1992	28,227	1995	31,256	1998	29,974		
1993	29,804	1996	29,734	1999	29,339		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	17,977	3,967	13,111	894	4
Total coal	7	7	—	—	—
1100 coal lignite	7	7	—	—	—
Total petroleum and petroleum products	1,058	672	56	325	4
Subtotal crude petroleum	327	327	—	—	—
2100 crude petroleum	327	327	—	—	—
Subtotal petroleum products	731	345	56	325	4
2211 gasoline	257	99	—	158	—
2221 kerosene	71	71	—	—	—
2330 distillate fuel oil	104	28	16	60	—
2340 residual fuel oil	115	11	—	100	4
2350 lube oil & greases	2	2	0	—	—
2410 petro. jelly & waxes	0	—	0	—	—
2429 naphtha & solvents	7	—	0	7	—
2430 asphalt, tar & pitch	29	29	—	—	—
2540 petroleum coke	145	105	40	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total chemicals and related products	4,387	239	4,129	20	---
Subtotal fertilizers	1,833	93	1,740	---	---
3110 nitrogenous fert.	95	93	2	---	---
3130 potassic fert.	1,737	---	1,737	---	---
3190 fert. & mixes nec	1	0	1	---	---
Subtotal other chemicals and related products	2,554	146	2,389	20	---
3219 other hydrocarbons	0	0	0	---	---
3220 alcohols	107	105	1	---	---
3230 carboxylic acids	4	0	4	---	---
3240 nitrogen func. comp.	0	0	0	---	---
3250 organo - inorg. comp.	0	0	0	---	---
3260 organic comp. nec	4	2	1	---	---
3272 sulphuric acid	0	0	0	---	---
3273 ammonia	15	7	---	8	---
3274 sodium hydroxide	9	9	0	---	---
3275 inorg. elem., oxides, & halogen salts	7	5	2	---	---
3276 metallic salts	2,127	3	2,118	6	---
3279 inorganic chem. nec	1	1	0	---	---
3282 pigments & paints	2	0	2	---	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	1	1	1	---	---
3285 perfumes & cleansers	4	2	2	---	---
3286 plastics	25	7	18	---	---
3292 starches, gluten, glue	235	0	235	---	---
3293 explosives	1	1	0	---	---
3297 chemical additives	3	---	0	3	---
3298 wood & resin chem.	3	---	0	3	---
3299 chem. products nec	5	1	3	---	---
Total crude materials, inedible except fuels	2,267	1,115	604	548	---
Subtotal forest products, wood and chips	349	106	244	0	---
4110 rubber & gums	0	0	0	---	---
4150 fuel wood	1	0	1	---	---
4161 wood chips	0	---	0	---	---
4170 wood in the rough	52	18	34	0	---
4189 lumber	296	87	209	---	---
4190 forest products nec	0	0	0	---	---
Subtotal pulp and waste paper	187	0	180	6	---
4225 pulp & waste paper	187	0	180	6	---
Subtotal soil, sand, gravel, rock and stone	600	58	1	541	---
4310 building stone	5	5	0	---	---
4322 limestone	541	---	---	541	---
4323 gypsum	52	52	0	---	---
4331 sand & gravel	1	1	1	---	---
Subtotal iron ore and scrap	102	28	74	---	---
4410 iron ore	28	28	---	---	---
4420 iron & steel scrap	74	---	74	---	---
Subtotal non-ferrous ores and scrap	557	537	20	---	---
4630 copper ore	0	---	0	---	---
4650 aluminum ore	538	537	1	---	---
4680 non-ferrous scrap	19	---	19	---	---
4690 non-ferrous ores nec	0	0	0	---	---
Subtotal sulphur, clay and salt	77	0	77	---	---
4782 clay & refrac. mat.	77	0	77	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	394	386	8	---	---
4900 non-metal. min. nec	394	386	8	---	---
Total primary manufactured goods	1,589	1,163	424	2	0
Subtotal paper products	334	13	320	1	---
5110 newsprint	18	---	18	---	---
5120 paper & paperboard	301	13	287	1	---
5190 paper products nec	16	1	15	---	---
Subtotal lime, cement and glass	501	474	27	0	---
5220 cement & concrete	455	455	---	---	---
5240 glass & glass prod.	6	2	4	---	---
5290 misc. mineral prod.	40	17	23	0	---
Subtotal primary iron and steel products	457	456	1	---	---
5312 pig iron	45	45	0	---	---
5315 ferro alloys	9	9	---	---	---
5320 i&s primary forms	313	313	0	---	---
5330 i&s plates & sheets	53	52	1	---	---
5360 i&s bars & shapes	9	9	---	---	---
5370 i&s pipe & tube	21	20	0	---	---
5390 primary i&s nec	7	7	0	---	---
Subtotal primary non-ferrous metal products	263	212	51	0	0
5421 copper	2	2	0	---	---
5422 aluminum	1	0	0	---	---
5429 smelted prod. nec	40	1	39	---	---
5480 fab. metal products	221	208	12	0	0
Subtotal primary wood products	34	8	25	---	---
5540 primary wood prod.	34	8	25	---	---

PORT OF PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total food and farm products	7,866	82	7,784	—	—
Subtotal fish	13	2	11	—	—
6134 fish (not shellfish)	11	0	11	—	—
6136 shellfish	2	2	0	—	—
Subtotal grain	6,502	1	6,501	—	—
6241 wheat	6,078	—	6,078	—	—
6344 corn	66	0	66	—	—
6442 rice	1	1	0	—	—
6443 barley & rye	357	—	357	—	—
6445 oats	0	—	0	—	—
Subtotal oilseeds	65	33	32	—	—
6522 soybeans	27	—	27	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	38	33	5	—	—
Subtotal vegetable products	278	7	271	—	—
6653 vegetable oils	2	1	1	—	—
6654 vegetables & prod.	276	6	270	—	—
Subtotal processed grain and animal feed	841	5	835	—	—
6746 wheat flour	8	—	8	—	—
6747 grain mill products	24	0	24	—	—
6781 hay & fodder	664	1	662	—	—
Subtotal other agricultural products	167	34	133	—	—
6782 animal feed, prep.	145	4	141	—	—
Subtotal other agricultural products	167	34	133	—	—
6811 meat, fresh, frozen	9	0	9	—	—
6817 meat, prepared	11	—	11	—	—
6822 dairy products	38	0	38	—	—
6835 fish, prepared	2	1	2	—	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	17	0	17	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	14	3	11	—	—
6858 fruit juices	14	7	6	—	—
6861 sugar	0	—	0	—	—
6871 coffee	0	0	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	17	16	1	—	—
6888 water & ice	3	3	—	—	—
6889 food products nec	22	2	20	—	—
6891 tobacco & products	0	—	0	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	0	0	—	—	—
6899 farm products nec	19	2	17	—	—
Total all manufactured equipment, machinery and products	787	683	104	—	—
7110 machinery (not elec)	35	16	19	—	—
7120 electrical machinery	117	84	34	—	—
7210 vehicles & parts	534	510	23	—	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	2	1	0	—	—
7400 manufac. wood prod.	8	3	5	—	—
7500 textile products	19	13	6	—	—
7600 rubber & plastic pr.	20	10	10	—	—
7900 manufac. prod. nec	53	46	7	—	—
Total unknown or not elsewhere classified	15	5	9	0	—
9900 unknown or nec	15	5	9	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	16,357	6,778	302	5,648	2,761	869
Total petroleum and petroleum products	9,993	6,691	243	204	2,554	300
Subtotal crude petroleum	20	14	6	—	—	—
2100 crude petroleum	20	14	6	—	—	—
Subtotal petroleum products	9,973	6,677	237	204	2,554	300
2211 gasoline	4,790	3,109	60	199	1,396	25
2330 distillate fuel oil	2,330	1,339	47	3	898	43
2340 residual fuel oil	832	289	56	2	255	230
2350 lube oil & greases	159	132	22	—	5	0
2429 naphtha & solvents	32	25	7	—	—	—
2430 asphalt, tar & pitch	78	34	44	—	—	—
2540 petroleum coke	8	8	—	—	—	—
2990 petro. products nec	1,743	1,743	—	—	—	2
Total chemicals and related products	201	81	14	3	62	40
Subtotal fertilizers	82	74	—	3	6	—
3110 nitrogenous fert.	82	74	—	3	6	—

PORT OF PORTLAND, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal other chemicals and related products	119	8	14	0	57	40
3220 alcohols	48	—	8	—	—	40
3273 ammonia	14	—	—	—	14	—
3274 sodium hydroxide	53	4	6	—	43	—
3286 plastics	0	—	0	0	—	—
3297 chemical additives	4	4	—	—	—	—
Total crude materials, inedible except fuels	2,261	6	20	1,644	84	507
Subtotal forest products, wood and chips	35	6	20	6	3	—
4161 wood chips	8	6	—	2	—	—
4170 wood in the rough	10	—	2	4	3	—
4189 lumber	17	—	17	0	—	—
Subtotal pulp and waste paper	2	—	—	2	—	—
4225 pulp & waste paper	2	—	—	2	—	—
Subtotal soil, sand, gravel, rock and stone	2,184	—	—	1,596	80	507
4331 sand & gravel	2,184	—	—	1,596	80	507
Subtotal iron ore and scrap	40	—	—	40	—	—
4420 iron & steel scrap	40	—	—	40	—	—
Subtotal sulphur, clay and salt	1	—	—	1	—	—
4782 clay & refrac. mat.	1	—	—	1	—	—
Total primary manufactured goods	33	—	25	8	0	—
Subtotal paper products	9	—	1	8	—	—
5190 paper products nec	9	—	1	8	—	—
Subtotal lime, cement and glass	0	—	—	0	0	—
5290 misc. mineral prod.	0	—	—	0	0	—
Subtotal primary iron and steel products	16	—	16	0	—	—
5360 i&s bars & shapes	13	—	13	0	—	—
5370 i&s pipe & tube	3	—	3	—	—	—
Subtotal primary non-ferrous metal products	0	—	0	0	0	—
5480 fab. metal products	0	—	0	0	0	—
Subtotal primary wood products	7	—	7	—	—	—
5540 primary wood prod.	7	—	7	—	—	—
Total food and farm products	3,631	—	—	3,578	32	21
Subtotal grain	3,610	—	—	3,557	32	21
6241 wheat	3,364	—	—	3,321	—	21
6344 corn	1	—	—	1	—	—
6443 barley & rye	246	—	—	236	10	—
Subtotal vegetable products	5	—	—	5	—	—
6654 vegetables & prod.	5	—	—	5	—	—
Subtotal processed grain and animal feed	11	—	—	10	0	—
6781 hay & fodder	11	—	—	10	0	—
Subtotal other agricultural products	5	—	—	5	—	—
6822 dairy products	1	—	—	1	—	—
6839 animals & prod. nec	1	—	—	1	—	—
6857 fruit & nuts nec	0	—	—	0	—	—
6889 food products nec	2	—	—	2	—	—
6899 farm products nec	1	—	—	1	—	—
Total all manufactured equipment, machinery and products	238	0	0	210	28	0
7110 machinery (not elec)	1	—	0	1	—	—
7210 vehicles & parts	0	—	0	—	—	—
7230 ships & boats	0	—	0	—	—	—
7500 textile products	0	—	—	—	0	—
7800 empty containers	231	—	—	203	28	0
7900 manufac. prod. nec	7	0	0	6	0	—

*Includes 15 (x1000) tons of foreign inbound in-transits; Includes 329 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound 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
1991	1,575	1994	1,481	1997	1,353	2000	872
1992	1,448	1995	1,486	1998	1,055		
1993	1,375	1996	1,360	1999	748		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Intra	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	872	37	652	108	74
Total crude materials, inedible except fuels	872	37	652	108	74
Subtotal forest products, wood and chips	64	—	64	—	—
4161 wood chips	64	—	64	—	—
Subtotal soil, sand, gravel, rock and stone	807	37	588	108	74
4331 sand & gravel	807	37	588	108	74
Ton-miles (x1000)	2,225	0	386	775	1,063
Tons All Traffic (x1000)	872				
Ton-miles All Traffic (x1000)	2,225				

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
1991	5,523	1994	3,744	1997	3,164	2000	2,210
1992	4,458	1995	3,628	1998	2,773		
1993	5,413	1996	3,322	1999	2,631		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise		
							Receipts	Shipments	
Total, all commodities	2,210	18	1,737	71	13	371	187	164	20
Total petroleum and petroleum products	5	—	—	—	—	5	—	5	—
Subtotal petroleum products	5	—	—	—	—	5	—	5	—
2340 residual fuel oil	5	—	—	—	—	5	—	5	—
Total chemicals and related products	4	—	—	—	—	4	—	4	—
Subtotal other chemicals and related products	4	—	—	—	—	4	—	4	—
3274 sodium hydroxide	4	—	—	—	—	4	—	4	—
Total crude materials, inedible except fuels	2,135	18	1,690	67	13	348	187	141	20
Subtotal forest products, wood and chips	2,135	18	1,690	67	13	348	187	141	20
4161 wood chips	1,520	—	1,478	5	—	37	9	28	—
4170 wood in the rough	433	18	151	52	13	198	178	0	20
4189 lumber	182	—	60	10	—	113	—	113	—

COOS BAY, OR
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise		
							Receipts	Shipments	
Total primary manufactured goods	60	—	46	—	—	14	—	14	—
Subtotal paper products	5	—	—	—	—	5	—	5	—
5190 paper products nec	5	—	—	—	—	5	—	5	—
Subtotal lime, cement and glass	0	—	0	—	—	0	—	0	—
5240 glass & glass prod.	0	—	—	—	—	0	—	0	—
5290 misc. mineral prod.	0	—	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	0	—	0	—	—	0	—	0	—
5480 fab. metal products	0	—	0	—	—	0	—	0	—
Subtotal primary wood products	55	—	46	—	—	9	—	9	—
5540 primary wood prod.	55	—	46	—	—	9	—	9	—
Total food and farm products	0	—	—	0	—	—	—	—	—
Subtotal fish	0	—	—	0	—	—	—	—	—
6134 fish (not shellfish)	0	—	—	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	6	—	1	5	—	0	—	0	—
7110 machinery (not elec)	5	—	—	5	—	—	—	—	—
7210 vehicles & parts	0	—	—	—	—	0	—	0	—
7400 manufac. wood prod.	1	—	1	—	—	—	—	—	—
7500 textile products	0	—	0	—	—	—	—	—	—
7600 rubber & plastic pr.	1	—	1	—	—	—	—	—	—

*Includes 0 (x1000) 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
1991	52,376	1994	52,607	1997	54,257	2000	56,179
1992	53,427	1995	60,092	1998	50,435		
1993	53,558	1996	54,023	1999	51,766		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	33,191	5,887	26,255	940	109
Total coal	11	11	—	—	—
1100 coal lignite	11	11	—	—	—
Total petroleum and petroleum products	1,862	766	660	329	107
Subtotal crude petroleum	327	327	—	—	—
2100 crude petroleum	327	327	—	—	—
Subtotal petroleum products	1,535	439	660	329	107
2211 gasoline	257	99	—	158	—
2221 kerosene	71	71	—	—	—
2330 distillate fuel oil	107	28	16	64	—
2340 residual fuel oil	126	21	—	100	4
2350 lube oil & greases	2	2	0	—	—
2410 petro. jelly & waxes	0	—	0	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
2429 naphtha & solvents	7	—	0	7	—
2430 asphalt, tar & pitch	111	111	—	—	—
2540 petroleum coke	854	108	644	—	103
Total chemicals and related products	5,332	369	4,940	22	—
Subtotal fertilizers	2,107	182	1,924	—	—
3110 nitrogenous fert.	179	177	2	—	—
3130 potassic fert.	1,922	—	1,922	—	—
3190 fert. & mixes nec	6	5	1	—	—
Subtotal other chemicals and related products	3,225	187	3,016	22	—
3212 benzene & toluene	27	27	—	—	—
3219 other hydrocarbons	0	0	0	—	—
3220 alcohols	107	105	1	—	—
3230 carboxylic acids	4	0	4	—	—
3240 nitrogen func. comp.	0	0	0	—	—
3250 organo - inorg. comp.	0	0	0	—	—
3260 organic comp. nec	4	2	1	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	15	7	—	8	—
3274 sodium hydroxide	24	21	0	2	—
3275 inorg. elem., oxides, & halogen salts	7	5	2	—	—
3276 metallic salts	2,504	4	2,494	6	—
3279 inorganic chem. nec	1	1	0	—	—
3281 radioactive material	1	1	—	—	—
3282 pigments & paints	24	0	24	—	—
3283 coloring mat. nec	0	0	0	—	—
3284 medicines	1	1	1	—	—
3285 perfumes & cleansers	4	2	2	—	—
3286 plastics	25	7	18	—	—
3292 starches, gluten, glue	464	0	464	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	3	—	0	3	—
3298 wood & resin chem.	3	—	0	3	—
3299 chem. products nec	5	1	3	—	—
Total crude materials, inedible except fuels	5,423	2,111	2,729	580	2
Subtotal forest products, wood and chips	2,173	132	2,009	32	0
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	1	0	1	—	—
4161 wood chips	32	—	0	32	—
4170 wood in the rough	1,806	30	1,776	0	—
4189 lumber	334	102	232	—	0
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	315	27	279	6	2
4225 pulp & waste paper	315	27	279	6	2
Subtotal soil, sand, gravel, rock and stone	600	58	1	541	—
4310 building stone	5	5	0	—	—
4322 limestone	541	—	—	541	—
4323 gypsum	52	52	0	—	—
4331 sand & gravel	1	1	1	—	—
Subtotal iron ore and scrap	102	28	74	—	—
4410 iron ore	28	28	—	—	—
4420 iron & steel scrap	74	—	74	—	—
Subtotal non-ferrous ores and scrap	1,558	1,478	81	—	—
4630 copper ore	36	—	36	—	—
4650 aluminum ore	1,478	1,478	1	—	—
4680 non-ferrous scrap	23	—	23	—	—
4690 non-ferrous ores nec	22	0	22	—	—
Subtotal sulphur, clay and salt	264	2	262	—	—
4782 clay & refrac. mat.	264	2	262	—	—
Subtotal slag	0	—	0	—	—
4860 slag	0	—	0	—	—
Subtotal other non-metal. min.	410	386	24	—	—
4900 non-metal. min. nec	410	386	24	—	—
Total primary manufactured goods	2,555	1,759	787	9	0
Subtotal paper products	683	13	669	1	—
5110 newsprint	364	—	364	—	—
5120 paper & paperboard	304	13	290	1	—
5190 paper products nec	16	1	15	—	—
Subtotal lime, cement and glass	552	518	27	7	—
5220 cement & concrete	498	498	—	—	—
5240 glass & glass prod.	6	2	4	—	—
5290 misc. mineral prod.	48	17	23	7	—
Subtotal primary iron and steel products	956	955	1	0	—
5312 pig iron	45	45	0	—	—
5315 ferro alloys	41	41	—	—	—
5320 i&s primary forms	335	335	0	—	—
5330 i&s plates & sheets	382	382	1	—	—
5360 i&s bars & shapes	41	41	—	—	—
5370 i&s pipe & tube	103	102	0	0	—
5390 primary i&s nec	8	8	0	—	—
Subtotal primary non-ferrous metal products	281	225	55	0	0
5421 copper	2	2	0	—	—
5422 aluminum	1	0	0	—	—
5429 smelted prod. nec	41	2	39	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
5480 fab. metal products	238	222	16	0	0
Subtotal primary wood products	83	48	35	—	—
5540 primary wood prod.	83	48	35	—	—
Total food and farm products	17,111	89	17,022	—	—
Subtotal fish	13	2	11	—	—
6134 fish (not shellfish)	11	0	11	—	—
6136 shellfish	2	2	0	—	—
Subtotal grain	14,835	1	14,834	—	—
6241 wheat	10,946	—	10,946	—	—
6344 corn	2,968	0	2,968	—	—
6442 rice	1	1	0	—	—
6443 barley & rye	810	—	810	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	110	—	110	—	—
Subtotal oilseeds	683	38	645	—	—
6522 soybeans	544	—	544	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	139	38	101	—	—
Subtotal vegetable products	278	7	271	—	—
6653 vegetable oils	2	1	1	—	—
6654 vegetables & prod.	276	6	270	—	—
Subtotal processed grain and animal feed	1,134	5	1,128	—	—
6746 wheat flour	8	—	8	—	—
6747 grain mill products	28	0	28	—	—
6781 hay & fodder	664	1	662	—	—
6782 animal feed, prep.	434	4	430	—	—
Subtotal other agricultural products	168	35	133	—	—
6811 meat, fresh, frozen	9	0	9	—	—
6817 meat, prepared	11	—	11	—	—
6822 dairy products	38	0	38	—	—
6835 fish, prepared	2	1	2	—	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	17	0	17	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	14	3	11	—	—
6858 fruit juices	14	7	6	—	—
6861 sugar	0	—	0	—	—
6871 coffee	0	0	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	18	17	1	—	—
6888 water & ice	3	3	—	—	—
6889 food products nec	22	2	20	—	—
6891 tobacco & products	0	—	0	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	0	0	—	—	—
6899 farm products nec	19	2	17	—	—
Total all manufactured equipment, machinery and products	881	774	107	—	—
7110 machinery (not elec)	39	19	20	—	—
7120 electrical machinery	118	84	34	—	—
7210 vehicles & parts	616	593	23	—	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	2	2	0	—	—
7400 manufac. wood prod.	11	6	5	—	—
7500 textile products	21	13	7	—	—
7600 rubber & plastic pr.	20	10	10	—	—
7900 manufac. prod. nec	53	46	7	—	—
Total unknown or not elsewhere classified	17	7	9	0	—
9900 unknown or nec	17	7	9	0	—
Ton-miles (x1000) Foreign & Canadian	1,313,252	192,867	1,101,656	11,312	7,417

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	22,988	7,602	600	10,115	4,671
Total petroleum and petroleum products	10,593	6,903	255	3,311	124
Subtotal crude petroleum	20	14	6	—	—
2100 crude petroleum	20	14	6	—	—
Subtotal petroleum products	10,573	6,888	249	3,311	124
2211 gasoline	4,906	3,150	60	1,696	—
2330 distillate fuel oil	2,798	1,509	47	1,240	2
2340 residual fuel oil	847	289	68	370	121
2350 lube oil & greases	161	133	22	3	2
2429 naphtha & solvents	32	25	7	—	—
2430 asphalt, tar & pitch	78	34	44	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
2540 petroleum coke	8	8	—	—	—
2990 petro. products nec	1,743	1,741	—	2	—
Total chemicals and related products	491	168	60	207	57
Subtotal fertilizers	221	74	16	87	45
3110 nitrogenous fert.	219	74	16	87	43
3190 fert. & mixes nec	2	—	—	—	2
Subtotal other chemicals and related products	270	94	44	120	12
3212 benzene & toluene	35	35	—	—	—
3220 alcohols	48	—	8	40	—
3273 ammonia	47	—	—	47	—
3274 sodium hydroxide	106	52	10	32	12
3276 metallic salts	29	4	26	—	—
3286 plastics	0	—	0	0	—
3297 chemical additives	4	4	—	—	—
Total crude materials, inedible except fuels	5,349	524	238	2,528	2,058
Subtotal forest products, wood and chips	2,132	524	238	464	907
4161 wood chips	1,322	462	8	256	596
4170 wood in the rough	581	60	2	208	311
4189 lumber	230	2	228	0	—
Subtotal pulp and waste paper	22	—	—	2	20
4225 pulp & waste paper	22	—	—	2	20
Subtotal soil, sand, gravel, rock and stone	3,147	—	—	2,022	1,125
4331 sand & gravel	3,147	—	—	2,022	1,125
Subtotal iron ore and scrap	46	—	—	40	6
4420 iron & steel scrap	46	—	—	40	6
Subtotal sulphur, clay and salt	1	—	—	1	—
4782 clay & refrac. mat.	1	—	—	1	—
Total primary manufactured goods	68	6	45	9	7
Subtotal paper products	26	—	18	8	—
5190 paper products nec	26	—	18	8	—
Subtotal lime, cement and glass	6	6	—	0	—
5290 misc. mineral prod.	6	6	—	0	—
Subtotal primary iron and steel products	17	—	16	1	—
5360 i&s bars & shapes	14	—	13	1	—
5370 i&s pipe & tube	3	—	3	—	—
Subtotal primary non-ferrous metal products	8	—	0	0	7
5422 aluminum	7	—	—	—	7
5480 fab. metal products	0	—	0	0	—
Subtotal primary wood products	11	—	11	—	—
5540 primary wood prod.	11	—	11	—	—
Total food and farm products	6,066	—	—	3,650	2,417
Subtotal grain	6,043	—	—	3,629	2,414
6241 wheat	5,627	—	—	3,393	2,234
6344 corn	1	—	—	1	—
6443 barley & rye	416	—	—	236	180
Subtotal oilseeds	2	—	—	—	2
6522 soybeans	2	—	—	—	2
Subtotal vegetable products	5	—	—	5	—
6654 vegetables & prod.	5	—	—	5	—
Subtotal processed grain and animal feed	11	—	—	11	—
6781 hay & fodder	11	—	—	11	—
Subtotal other agricultural products	5	—	—	5	0
6822 dairy products	1	—	—	1	—
6839 animals & prod. nec	1	—	—	1	—
6857 fruit & nuts nec	0	—	—	0	—
6889 food products nec	3	—	—	2	0
6899 farm products nec	1	—	—	1	—
Total all manufactured equipment, machinery and products	245	2	2	238	3
7110 machinery (not elec)	4	2	2	1	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7500 textile products	0	—	—	0	—
7800 empty containers	232	—	—	231	1
7900 manufac. prod. nec	8	0	0	6	1
Total waste and scrap nec	176	—	—	171	4
8900 waste and scrap nec	176	—	—	171	4
Ton-miles (x1000)	794,044	104,529	22,596	419,310	247,608
Domestic					
Tons All Traffic (x1000)	56,179				
Ton-miles All Traffic (x1000)	2,107,296				

*Includes 43 (x1000) tons of foreign inbound in-transits; Includes 479 (x1000) tons of foreign outbound in-transits; Includes 0 (x1000) tons of Canadian inbound in-transits.

Other Harbors and Waterways 2000

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 ST. HELENS, OR	No Commerce Reported	
PORT ORFORD, OR	No Commerce Reported	
ROGUE RIVER, OR	7900 manufac. prod. nec 9900 unknown or nec	0 0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
SIUSLAW RIVER, OR	No Commerce Reported	
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	2330 distillate fuel oil 2340 residual fuel oil	0 0
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
SKAMOKAWA CREEK, WA	No Commerce Reported	
SKIPANON CHANNEL, OR	4161 wood chips	76
	Total Tons(x1000)	76
	Total Ton-miles(x1000)	76
SMITH RIVER, OR	No Commerce Reported	
TILLAMOOK BAY AND BAR, OR	No Commerce Reported	

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
UMPQUA RIVER, OR	4331 sand & gravel	239
	Total Tons(x1000)	239
	Total Ton-miles(x1000)	2,631
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; 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
1991	4,488	1994	1,654	1997	1,486	2000	1,251
1992	6,953	1995	1,566	1998	1,488		
1993	4,383	1996	1,990	1999	1,406		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Shipments
Total, all commodities	1,251	20	496	107	627
Total chemicals and related products	2	—	—	—	2
Subtotal other chemicals and related products	2	—	—	—	2
3274 sodium hydroxide	2	—	—	—	2
Total crude materials, inedible except fuels	1,238	10	496	107	625
Subtotal forest products, wood and chips	1,208	10	466	107	625
4161 wood chips	456	—	—	—	456
4170 wood in the rough	605	10	421	107	68
4189 lumber	147	—	45	—	101
Subtotal pulp and waste paper	30	—	30	—	—
4225 pulp & waste paper	30	—	30	—	—
Total primary manufactured goods	10	10	—	—	—
Subtotal primary non-ferrous metal products	10	10	—	—	—
5429 smelted prod. nec	5	5	—	—	—
5480 fab. metal products	5	5	—	—	—
Total all manufactured equipment, machinery and products	0	—	0	0	—
7230 ships & boats	0	—	—	0	—
7600 rubber & plastic pr.	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
1991	2,680	1994	1,695	1997	2,377	2000	1,886
1992	2,336	1995	1,911	1998	2,417		
1993	1,987	1996	2,780	1999	2,237		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	562	180	226	152	4
Total petroleum and petroleum products	167	160	2	—	4
Subtotal crude petroleum	160	160	—	—	—
2100 crude petroleum	160	160	—	—	—
Subtotal petroleum products	7	—	2	—	4
2429 naphtha & solvents	2	—	2	—	—
2540 petroleum coke	4	—	—	—	4
Total crude materials, inedible except fuels	377	8	217	152	—
Subtotal forest products, wood and chips	339	8	217	114	—
4161 wood chips	250	—	158	92	—
4170 wood in the rough	89	8	59	22	—
Subtotal pulp and waste paper	2	—	—	2	—
4225 pulp & waste paper	2	—	—	2	—
Subtotal other non-metal. min.	36	—	—	36	—
4900 non-metal. min. nec	36	—	—	36	—
Total food and farm products	18	11	7	—	—
Subtotal fish	7	—	7	—	—
6134 fish (not shellfish)	7	—	7	—	—
Subtotal other agricultural products	11	11	—	—	—
6835 fish, prepared	11	11	—	—	—

PORT ANGELES HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total all manufactured equipment, machinery and products	0	—	—	0	—
7230 ships & boats	0	—	—	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,324	53	279	397	356	239
Total petroleum and petroleum products	790	37	103	350	68	233
Subtotal crude petroleum	21	—	21	—	—	—
2100 crude petroleum	21	—	21	—	—	—
Subtotal petroleum products	770	37	83	350	68	233
2211 gasoline	77	32	45	—	—	—
2330 distillate fuel oil	76	4	24	34	15	—
2340 residual fuel oil	610	1	14	310	52	233
2350 lube oil & greases	5	—	—	5	—	0
2990 petro. products nec	2	—	—	1	1	—
Total chemicals and related products	12	12	—	—	—	—
Subtotal fertilizers	12	12	—	—	—	—
3110 nitrogenous fert.	12	12	—	—	—	—
Total crude materials, inedible except fuels	521	4	175	47	288	6
Subtotal forest products, wood and chips	521	4	175	47	288	6
4161 wood chips	109	4	62	7	36	—
4170 wood in the rough	412	—	113	40	252	6

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 mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	343	1994	500	1997	633	2000	514
1992	312	1995	872	1998	635		
1993	384	1996	1,037	1999	543		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	514	188	326
Total crude materials, inedible except fuels	514	188	326
Subtotal forest products, wood and chips	514	188	326
4161 wood chips	159	—	159
4170 wood in the rough	355	188	168
Ton-miles (x1000)	5,141	1,877	3,264
Tons All Traffic (x1000)	514		
Ton-miles All Traffic (x1000)	5,141		

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
1991	945	1994	1,514	1997	1,997	2000	1,434
1992	714	1995	2,166	1998	1,423		
1993	924	1996	1,893	1999	1,313		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise	Internal		
					Receipts	Receipts	Shipments	Inraport	
Total, all commodities	1,434	14	57	2	1,361	2	449	393	517
Total crude materials, inedible except fuels	1,418	—	57	2	1,359	—	449	393	517
Subtotal forest products, wood and chips	1,418	—	57	2	1,359	—	449	393	517
4161 wood chips	127	—	—	2	125	—	11	114	—
4170 wood in the rough	1,283	—	49	—	1,234	—	438	279	517
4189 lumber	8	—	8	—	—	—	—	—	—
Total food and farm products	14	14	—	—	—	—	—	—	—
Subtotal oilseeds	14	14	—	—	—	—	—	—	—
6590 oilseeds nec	14	14	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	2	—	—	—	2	2	—	—	—
7110 machinery (not elec)	2	—	—	—	2	2	—	—	—

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
1991	19,544	1994	17,616	1997	20,683	2000	22,287
1992	20,116	1995	20,879	1998	17,400		
1993	18,652	1996	21,491	1999	21,103		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	14,012	3,918	9,198	661	234
Total coal	34	—	0	34	—
1100 coal lignite	34	—	0	34	—
Total petroleum and petroleum products	152	18	12	45	77
Subtotal crude petroleum	11	—	—	11	—
2100 crude petroleum	11	—	—	11	—
Subtotal petroleum products	142	18	12	35	77
2211 gasoline	5	0	0	5	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	25	18	0	6	1
2340 residual fuel oil	100	—	0	23	76
2350 lube oil & greases	9	1	9	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	2	0	2	—	—
2430 asphalt, tar & pitch	1	0	1	—	—
2540 petroleum coke	0	—	0	—	—
2640 liquid natural gas	0	0	0	—	—

TACOMA HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total chemicals and related products	565	148	281	2	134
Subtotal fertilizers	3	0	2	—	—
3110 nitrogenous fert.	0	0	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	2	0	2	—	—
Subtotal other chemicals and related products	563	148	278	2	134
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	2	1	1	—	—
3220 alcohols	23	12	12	—	—
3230 carboxylic acids	15	7	8	—	—
3240 nitrogen func. comp.	14	6	8	—	—
3250 organo - inorg. comp.	4	2	2	—	—
3260 organic comp. nec	4	1	3	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	61	25	0	1	35
3275 inorg. elem., oxides, & halogen salts	15	4	11	—	—
3276 metallic salts	81	5	9	1	67
3279 inorganic chem. nec	3	1	2	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	10	5	5	—	—
3283 coloring mat. nec	3	3	0	—	—
3284 medicines	17	5	12	—	—
3285 perfumes & cleansers	18	3	15	—	—
3286 plastics	186	50	136	—	—
3291 pesticides	1	0	0	—	—
3292 starches, gluten, glue	17	9	8	—	—
3293 explosives	7	7	0	—	—
3297 chemical additives	1	0	1	—	—
3298 wood & resin chem.	—	—	16	—	—
3299 chem. products nec	65	3	29	—	32
Total crude materials, inedible except fuels	3,294	1,030	1,847	412	5
Subtotal forest products, wood and chips	1,441	41	1,253	143	5
4110 rubber & gums	26	25	0	—	—
4150 fuel wood	1	0	1	—	—
4161 wood chips	360	—	346	9	5
4170 wood in the rough	846	6	707	134	—
4189 lumber	205	8	197	0	—
4190 forest products nec	4	2	2	—	—
Subtotal pulp and waste paper	382	0	382	—	—
4225 pulp & waste paper	382	0	382	—	—
Subtotal soil, sand, gravel, rock and stone	574	322	2	250	—
4310 building stone	3	1	—	2	—
4322 limestone	221	0	—	220	—
4323 gypsum	321	320	1	—	—
4331 sand & gravel	29	0	1	27	—
Subtotal iron ore and scrap	170	31	137	2	0
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	170	31	137	2	0
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	332	304	28	—	—
4650 aluminum ore	304	304	0	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	27	0	27	—	—
4690 non-ferrous ores nec	0	—	0	—	—
Subtotal sulphur, clay and salt	21	0	20	—	—
4741 sulphur, (dry)	0	—	0	—	—
4782 clay & refrac. mat.	20	0	20	—	—
Subtotal slag	12	—	—	12	—
4860 slag	12	—	—	12	—
Subtotal other non-metal. min.	363	332	26	5	—
4900 non-metal. min. nec	363	332	26	5	—
Total primary manufactured goods	1,290	442	679	163	5
Subtotal paper products	346	35	311	0	—
5110 newsprint	23	2	21	—	—
5120 paper & paperboard	287	18	268	0	—
5190 paper products nec	37	15	22	—	—
Subtotal lime, cement and glass	103	67	30	—	5
5210 lime	5	—	—	—	5
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	32	22	10	—	—
5290 misc. mineral prod.	64	45	20	—	—
Subtotal primary iron and steel products	59	47	13	0	—
5312 pig iron	6	5	1	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	2	1	1	—	—
5330 i&s plates & sheets	5	2	2	—	—
5360 i&s bars & shapes	27	21	6	0	—
5370 i&s pipe & tube	8	8	1	—	—
5390 primary i&s nec	12	10	1	—	—
Subtotal primary non-ferrous metal products	696	284	307	105	—
5421 copper	8	6	2	—	—

TACOMA HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
5422 aluminum	14	3	11	—	—
5429 smelted prod. nec	351	2	252	97	—
Subtotal primary wood products	86	10	19	58	—
5480 fab. metal products	323	273	42	8	—
Subtotal primary wood products	86	10	19	58	—
5540 primary wood prod.	86	10	19	58	—
Total food and farm products	6,279	177	6,098	5	—
Subtotal fish	31	17	14	0	—
6134 fish (not shellfish)	17	5	12	0	—
6136 shellfish	14	12	2	—	—
Subtotal grain	3,757	3	3,754	—	—
6241 wheat	38	—	38	—	—
6344 corn	3,596	0	3,596	—	—
6442 rice	3	3	—	—	—
6443 barley & rye	0	—	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	119	—	119	—	—
Subtotal oilseeds	864	0	864	—	—
6521 peanuts	0	0	0	—	—
6522 soybeans	853	0	853	—	—
6590 oilseeds nec	12	0	12	—	—
Subtotal vegetable products	341	12	325	3	—
6653 vegetable oils	8	0	4	3	—
6654 vegetables & prod.	333	12	321	—	—
Subtotal processed grain and animal feed	385	1	383	—	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	16	0	15	—	—
6781 hay & fodder	227	1	226	—	—
6782 animal feed, prep.	142	1	141	—	—
Subtotal other agricultural products	901	143	757	1	—
6811 meat, fresh, frozen	317	3	314	—	—
6817 meat, prepared	4	0	4	—	—
6822 dairy products	18	0	18	—	—
6835 fish, prepared	12	8	3	—	—
6838 tallow, animal oils	75	0	74	1	—
6839 animals & prod. nec	50	2	48	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	189	11	177	—	—
6858 fruit juices	110	91	19	—	—
6861 sugar	0	0	0	—	—
6871 coffee	11	10	1	—	—
6872 cocoa beans	0	—	0	—	—
6885 alcoholic beverages	7	3	4	—	—
6888 water & ice	2	0	2	—	—
6889 food products nec	91	10	80	—	—
6891 tobacco & products	4	0	4	—	—
6893 cotton	4	0	4	—	—
6894 natural fibers nec	2	1	0	—	—
6899 farm products nec	5	0	5	—	—
Total all manufactured equipment, machinery and products	2,208	2,018	178	0	12
7110 machinery (not elec)	299	228	71	—	0
7120 electrical machinery	288	270	18	—	—
7210 vehicles & parts	496	474	22	—	—
7220 aircraft & parts	7	5	1	—	—
7230 ships & boats	13	1	1	—	11
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	20	15	5	0	—
7500 textile products	176	156	19	0	—
7600 rubber & plastic pr.	129	120	8	—	1
7900 manufac. prod. nec	782	749	33	0	—
Total unknown or not elsewhere classified	189	85	104	0	—
9900 unknown or nec	189	85	104	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intrпорт
Total, all commodities	8,275	1,890	2,128	2,663	954	640
Total coal	0	—	0	—	—	—
1200 coal coke	0	—	0	—	—	—
Total petroleum and petroleum products	4,726	1,589	268	1,511	738	620
Subtotal crude petroleum	1,482	1,482	—	—	—	—
2100 crude petroleum	1,482	1,482	—	—	—	—
Subtotal petroleum products	3,245	107	268	1,511	738	620
2211 gasoline	541	3	39	447	34	18
2330 distillate fuel oil	771	28	214	264	245	20

TACOMA HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
2340 residual fuel oil	1,894	64	2	793	454	582
2350 lube oil & greases	19	—	14	1	4	0
2430 asphalt, tar & pitch	18	12	—	7	—	—
2990 petro. products nec	2	—	—	1	1	1
Total chemicals and related products	94	9	72	—	11	2
Subtotal fertilizers	0	0	—	—	—	—
3190 fert. & mixes nec	0	0	—	—	—	—
Subtotal other chemicals and related products	94	9	72	—	11	2
3220 alcohols	11	—	—	—	11	—
3274 sodium hydroxide	56	—	54	—	—	2
3297 chemical additives	4	—	4	—	—	—
3299 chem. products nec	23	9	14	—	—	—
Total crude materials, inedible except fuels	1,440	29	44	1,150	200	17
Subtotal forest products, wood and chips	1,166	0	44	924	181	17
4161 wood chips	154	—	—	145	1	8
4170 wood in the rough	968	—	—	780	180	9
4189 lumber	44	0	44	0	0	—
Subtotal soil, sand, gravel, rock and stone	221	—	—	221	—	—
4331 sand & gravel	221	—	—	221	—	—
Subtotal iron ore and scrap	53	29	—	5	19	—
4420 iron & steel scrap	53	29	—	5	19	—
Total primary manufactured goods	107	5	100	0	3	—
Subtotal paper products	12	0	12	—	—	—
5190 paper products nec	12	0	12	—	—	—
Subtotal lime, cement and glass	42	—	41	0	2	—
5220 cement & concrete	1	—	—	—	1	—
5240 glass & glass prod.	4	—	4	—	—	—
5290 misc. mineral prod.	37	—	36	0	1	—
Subtotal primary iron and steel products	0	—	0	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—
Subtotal primary non-ferrous metal products	50	5	44	—	1	—
5480 fab. metal products	50	5	44	—	1	—
Subtotal primary wood products	3	—	3	—	—	—
5540 primary wood prod.	3	—	3	—	—	—
Total food and farm products	421	76	345	—	—	—
Subtotal fish	73	73	—	—	—	—
6134 fish (not shellfish)	73	73	—	—	—	—
Subtotal processed grain and animal feed	0	—	0	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—
Subtotal other agricultural products	348	3	345	—	—	—
6835 fish, prepared	2	2	—	—	—	—
6839 animals & prod. nec	4	0	4	—	—	—
6887 groceries	341	0	341	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	1,470	177	1,288	2	3	0
7110 machinery (not elec)	1	0	1	0	—	—
7210 vehicles & parts	74	18	56	—	—	—
7400 manufac. wood prod.	36	—	36	0	0	—
7500 textile products	0	0	—	—	—	—
7900 manufac. prod. nec	1,359	158	1,196	2	3	0
Total unknown or not elsewhere classified	16	5	11	—	—	—
9900 unknown or nec	16	5	11	—	—	—

*Includes 268 (x1000) tons of foreign inbound in-transits; Includes 276 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound 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: Elliott Bay, unlimited; East and West Waterways, 34 feet; Duwamish Waterway, 30 feet to First Avenue South; 20 feet to 8th Avenue South; 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 mllw 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
1991	20,897	1994	22,336	1997	26,564	2000	24,159
1992	21,883	1995	26,180	1998	22,594		
1993	21,693	1996	23,547	1999	25,443		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	15,441	4,869	6,701	3,553	318
Total coal	139	12	0	127	—
1100 coal lignite	127	0	0	127	—
1200 coal coke	12	12	0	—	—
Total petroleum and petroleum products	305	46	6	177	75
Subtotal crude petroleum	37	37	0	—	—
2100 crude petroleum	37	37	0	—	—
Subtotal petroleum products	268	9	6	177	75
2211 gasoline	70	6	—	64	—
2221 kerosene	9	—	0	—	9
2330 distillate fuel oil	38	—	—	35	2
2340 residual fuel oil	129	—	—	71	58
2350 lube oil & greases	3	0	3	—	—
2410 petro. jelly & waxes	2	2	0	—	—
2429 naphtha & solvents	7	0	1	—	5
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	8	0	1	7	—
2640 liquid natural gas	1	0	0	0	—
Total chemicals and related products	475	207	218	1	49
Subtotal fertilizers	3	0	2	0	—
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	0	—	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	2	0	2	0	—
Subtotal other chemicals and related products	472	207	216	1	49
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	2	0	1	—	—
3220 alcohols	26	16	10	—	—
3230 carboxylic acids	19	9	10	—	—
3240 nitrogen func. comp.	16	12	4	—	—
3250 organo - inorg. comp.	5	4	1	—	—
3260 organic comp. nec	9	3	6	—	—
3272 sulphuric acid	1	0	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	1	—	1	—	—
3275 inorg. elem., oxides, & halogen salts	25	12	13	0	—
3276 metallic salts	28	15	8	—	5
3279 inorganic chem. nec	5	3	1	0	0
3281 radioactive material	1	0	1	—	—
3282 pigments & paints	12	7	5	—	—
3283 coloring mat. nec	8	7	1	—	—
3284 medicines	8	3	5	—	—
3285 perfumes & cleansers	34	6	29	0	—
3286 plastics	137	87	50	0	0
3291 pesticides	2	1	1	—	—
3292 starches, gluten, glue	26	4	21	0	—
3293 explosives	1	1	0	—	—
3297 chemical additives	3	0	3	—	—
3298 wood & resin chem.	29	—	29	—	—
3299 chem. products nec	76	16	16	—	44
Total crude materials, inedible except fuels	3,738	536	728	2,398	76
Subtotal forest products, wood and chips	529	70	287	114	58
4110 rubber & gums	2	2	0	—	—
4150 fuel wood	19	0	3	—	16
4161 wood chips	42	0	0	—	42
4170 wood in the rough	64	6	58	—	—
4189 lumber	397	58	225	114	0
4190 forest products nec	5	3	2	—	0
Subtotal pulp and waste paper	355	—	343	11	1
4225 pulp & waste paper	355	—	343	11	1
Subtotal soil, sand, gravel, rock and stone	2,728	456	7	2,251	14
4310 building stone	17	8	2	7	—
4322 limestone	1,625	—	0	1,625	—

SEATTLE HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
4323 gypsum	487	443	0	44	—
4331 sand & gravel	599	5	4	576	14
Subtotal iron ore and scrap	7	1	7	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	7	1	6	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	22	7	15	—	0
4630 copper ore	2	—	2	—	—
4650 aluminum ore	6	4	2	—	0
4680 non-ferrous scrap	12	1	11	—	—
4690 non-ferrous ores nec	3	2	1	—	—
Subtotal sulphur, clay and salt	52	2	50	0	0
4741 sulphur, (dry)	4	0	4	0	—
4782 clay & refrac. mat.	48	1	46	—	0
Subtotal slag	3	—	0	—	2
4860 slag	3	—	0	—	2
Subtotal other non-metal. min.	42	1	19	23	—
4900 non-metal. min. nec	42	1	19	23	—
Total primary manufactured goods	2,251	836	553	847	15
Subtotal paper products	549	68	381	100	0
5110 newsprint	39	—	24	15	—
5120 paper & paperboard	449	44	320	85	0
5190 paper products nec	60	24	36	—	—
Subtotal lime, cement and glass	859	252	48	555	3
5210 lime	3	0	—	—	3
5220 cement & concrete	716	163	0	554	—
5240 glass & glass prod.	43	32	11	—	0
5290 misc. mineral prod.	97	58	38	2	0
Subtotal primary iron and steel products	134	124	7	2	0
5312 pig iron	3	3	0	—	—
5315 ferro alloys	1	1	1	—	—
5320 i&s primary forms	12	11	1	—	0
5330 i&s plates & sheets	22	20	3	—	0
5360 i&s bars & shapes	21	21	1	—	—
5370 i&s pipe & tube	55	55	1	—	—
5390 primary i&s nec	18	14	2	2	0
Subtotal primary non-ferrous metal products	673	378	99	184	12
5421 copper	8	7	1	—	—
5422 aluminum	40	8	32	—	0
5429 smelted prod. nec	226	5	27	182	12
5480 fab. metal products	399	358	39	2	0
Subtotal primary wood products	37	13	18	6	—
5540 primary wood prod.	37	13	18	6	—
Total food and farm products	5,165	290	4,872	0	3
Subtotal fish	119	31	85	—	2
6134 fish (not shellfish)	105	20	82	—	2
6136 shellfish	14	11	3	—	0
Subtotal grain	1,540	14	1,526	0	0
6241 wheat	48	—	48	—	—
6344 corn	1,411	0	1,411	—	—
6442 rice	15	13	2	—	—
6443 barley & rye	57	—	57	—	—
6445 oats	1	—	1	0	0
6447 sorghum grains	8	—	8	—	—
Subtotal oilseeds	916	7	909	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	886	0	885	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	30	6	24	—	—
Subtotal vegetable products	455	15	439	—	0
6653 vegetable oils	4	1	4	—	—
6654 vegetables & prod.	450	14	436	—	0
Subtotal processed grain and animal feed	1,019	3	1,015	0	—
6746 wheat flour	9	0	9	—	—
6747 grain mill products	13	1	12	0	—
6781 hay & fodder	612	1	611	—	—
6782 animal feed, prep.	385	2	383	—	—
Subtotal other agricultural products	1,117	220	896	0	0
6811 meat, fresh, frozen	316	24	292	—	—
6817 meat, prepared	5	0	5	—	—
6822 dairy products	40	3	37	—	—
6835 fish, prepared	38	3	35	—	0
6838 tallow, animal oils	1	0	1	—	—
6839 animals & prod. nec	159	7	152	—	—
6856 bananas & plantains	1	1	—	—	—
6857 fruit & nuts nec	210	50	160	—	0
6858 fruit juices	49	20	29	—	0
6861 sugar	0	0	0	—	—
6865 molasses	20	20	—	—	—
6871 coffee	31	30	0	—	—
6872 cocoa beans	8	8	0	—	—
6885 alcoholic beverages	55	23	32	—	—
6888 water & ice	1	0	0	—	—

SEATTLE HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6889 food products nec	145	26	120	0	0
6891 tobacco & products	2	1	1	—	—
6893 cotton	12	1	11	—	—
6894 natural fibers nec	2	2	0	—	—
6899 farm products nec	23	2	21	—	0
Total all manufactured equipment, machinery and products	3,117	2,774	275	3	65
7110 machinery (not elec)	404	316	87	0	1
7120 electrical machinery	447	421	25	0	0
7210 vehicles & parts	506	466	40	0	0
7220 aircraft & parts	10	9	1	—	0
7230 ships & boats	8	5	4	0	0
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	48	31	16	1	—
7500 textile products	377	362	15	—	0
7600 rubber & plastic pr.	229	212	17	0	0
7900 manufac. prod. nec	1,087	951	70	1	64
Total unknown or not elsewhere classified	251	168	49	0	33
9900 unknown or nec	251	168	49	0	33

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	8,718	483	869	4,858	886	1,622
Total coal	0	—	—	—	0	—
1100 coal lignite	0	—	—	—	0	—
Total petroleum and petroleum products	5,075	155	9	2,814	573	1,523
Subtotal crude petroleum	3	3	—	—	—	—
2100 crude petroleum	3	3	—	—	—	—
Subtotal petroleum products	5,071	152	9	2,814	573	1,523
2211 gasoline	1,029	11	—	998	15	5
2330 distillate fuel oil	934	37	8	665	88	136
2340 residual fuel oil	3,023	70	—	1,126	447	1,380
2350 lube oil & greases	22	1	1	8	11	1
2429 naphtha & solvents	4	—	—	4	—	—
2430 asphalt, tar & pitch	49	33	—	9	7	—
2540 petroleum coke	0	—	—	—	0	—
2640 liquid natural gas	1	0	—	—	1	—
2990 petro. products nec	9	0	1	3	4	1
Total chemicals and related products	66	17	25	13	8	3
Subtotal fertilizers	22	0	21	—	2	—
3110 nitrogenous fert.	2	—	0	—	2	—
3190 fert. & mixes nec	21	0	21	—	—	—
Subtotal other chemicals and related products	44	17	4	13	6	3
3211 acyclic hydrocarbons	0	—	—	—	0	—
3220 alcohols	14	—	—	11	—	3
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—
3276 metallic salts	1	—	—	—	1	—
3281 radioactive material	0	0	—	—	—	—
3282 pigments & paints	2	—	0	0	2	—
3284 medicines	0	—	0	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—
3286 plastics	3	—	3	—	0	—
3291 pesticides	0	—	0	—	—	—
3293 explosives	0	—	0	—	0	—
3297 chemical additives	17	17	—	—	—	—
3299 chem. products nec	6	0	1	3	2	—
Total crude materials, inedible except fuels	2,113	10	130	1,946	27	—
Subtotal forest products, wood and chips	130	0	114	2	14	—
4110 rubber & gums	0	—	—	—	0	—
4150 fuel wood	0	—	—	0	—	—
4170 wood in the rough	1	—	—	—	1	—
4189 lumber	126	0	113	1	12	—
4190 forest products nec	2	0	1	0	1	—
Subtotal pulp and waste paper	5	5	0	—	0	—
4225 pulp & waste paper	5	5	0	—	0	—
Subtotal soil, sand, gravel, rock and stone	1,939	—	4	1,924	11	—
4322 limestone	0	—	—	—	0	—
4331 sand & gravel	1,935	—	0	1,924	11	—
4338 soil & fill dirt	4	—	4	—	—	—
Subtotal iron ore and scrap	25	3	—	20	1	—
4420 iron & steel scrap	25	3	—	20	1	—
Subtotal sulphur, clay and salt	0	—	0	—	0	—
4782 clay & refrac. mat.	0	—	0	—	0	—

SEATTLE HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal other non-metal. min.	14	1	12	—	1	—
4900 non-metal. min. nec	14	1	12	—	1	—
Total primary manufactured goods	296	6	172	9	37	71
Subtotal paper products	40	0	36	0	3	—
5110 newsprint	3	—	3	—	—	—
5120 paper & paperboard	6	0	6	—	—	—
5190 paper products nec	30	0	27	0	3	—
Subtotal lime, cement and glass	162	0	73	3	15	71
5210 lime	0	—	0	—	0	—
5220 cement & concrete	81	—	2	1	7	71
5240 glass & glass prod.	2	—	0	1	2	—
5290 misc. mineral prod.	79	0	71	1	6	—
Subtotal primary iron and steel products	4	—	1	—	3	0
5330 i&s plates & sheets	0	—	0	—	0	—
5360 i&s bars & shapes	1	—	—	—	1	—
5370 i&s pipe & tube	3	—	1	—	2	0
Subtotal primary non-ferrous metal products	74	6	46	6	16	0
5480 fab. metal products	74	6	46	6	16	0
Subtotal primary wood products	16	—	15	—	0	—
5540 primary wood prod.	16	—	15	—	0	—
Total food and farm products	379	114	141	35	64	25
Subtotal fish	77	55	3	18	0	0
6134 fish (not shellfish)	73	51	3	18	0	0
6136 shellfish	4	4	—	0	—	—
Subtotal vegetable products	34	0	33	—	0	—
6654 vegetables & prod.	34	0	33	—	0	—
Subtotal processed grain and animal feed	50	0	50	—	0	—
6746 wheat flour	4	—	4	—	—	—
6747 grain mill products	1	0	1	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	45	—	44	—	0	—
Subtotal other agricultural products	219	58	55	17	64	25
6811 meat, fresh, frozen	3	0	3	—	0	—
6822 dairy products	0	—	0	—	—	—
6835 fish, prepared	27	16	—	11	—	—
6839 animals & prod. nec	1	1	0	—	—	—
6857 fruit & nuts nec	5	0	5	—	—	—
6858 fruit juices	14	13	0	—	0	—
6865 molasses	43	18	—	—	—	25
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	24	0	10	5	9	—
6887 groceries	32	0	5	0	27	—
6889 food products nec	67	9	30	1	28	—
6899 farm products nec	3	1	2	—	—	—
Total all manufactured equipment, machinery and products	790	181	392	40	177	0
7110 machinery (not elec)	34	12	16	2	4	—
7120 electrical machinery	8	0	0	1	7	—
7210 vehicles & parts	30	8	10	3	8	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	2	0	0	0	1	—
7400 manufac. wood prod.	48	0	37	1	10	—
7500 textile products	2	1	0	—	1	—
7600 rubber & plastic pr.	3	0	1	—	2	—
7800 empty containers	0	—	—	—	0	—
7900 manufac. prod. nec	663	159	327	33	144	0
Total waste and scrap nec	0	—	—	0	0	—
8900 waste and scrap nec	0	—	—	0	0	—

*Includes 483 (x1000) tons of foreign inbound in-transits; Includes 131 (x1000) tons of foreign outbound in-transits;
Includes 7 (x1000) tons of Canadian inbound in-transits; Includes 1 (x1000) 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
1991	1,437	1994	1,365	1997	1,496	2000	1,566
1992	1,614	1995	1,555	1998	1,679		
1993	1,919	1996	1,316	1999	1,594		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Inbound	Outbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total, all commodities	1,566	2	7	1,558	86	170	1,248	53
Total petroleum and petroleum products	112	—	—	112	0	1	106	4
Subtotal petroleum products	112	—	—	112	0	1	106	4
2330 distillate fuel oil	103	—	—	103	—	—	103	—
2340 residual fuel oil	6	—	—	6	—	—	3	3
2350 lube oil & greases	1	—	—	1	0	1	0	1
2990 petro. products nec	2	—	—	2	0	1	0	1
Total chemicals and related products	9	2	7	1	0	1	—	0
Subtotal other chemicals and related products	9	2	7	1	0	1	—	0
3220 alcohols	8	2	7	—	—	—	—	—
3286 plastics	1	—	—	1	—	1	—	0
3299 chem. products nec	0	—	—	0	0	—	—	—
Total crude materials, inedible except fuels	1,155	—	—	1,155	1	35	1,112	6
Subtotal forest products, wood and chips	30	—	—	30	0	25	0	5
4189 lumber	28	—	—	28	0	24	0	4
4190 forest products nec	2	—	—	2	—	1	0	1
Subtotal soil, sand, gravel, rock and stone	1,113	—	—	1,113	—	0	1,112	1
4331 sand & gravel	1,113	—	—	1,113	—	0	1,112	1
Subtotal sulphur, clay and salt	0	—	—	0	—	0	—	—
4782 clay & refrac. mat.	0	—	—	0	—	0	—	—
Subtotal other non-metal. min.	12	—	—	12	1	10	—	1
4900 non-metal. min. nec	12	—	—	12	1	10	—	1
Total primary manufactured goods	61	—	—	61	2	52	0	6
Subtotal paper products	9	—	—	9	0	9	0	0
5190 paper products nec	9	—	—	9	0	9	0	0
Subtotal lime, cement and glass	29	—	—	29	0	24	0	5
5220 cement & concrete	1	—	—	1	—	0	—	1
5290 misc. mineral prod.	28	—	—	28	0	24	0	4
Subtotal primary iron and steel products	0	—	—	0	—	0	—	0
5330 i&s plates & sheets	0	—	—	0	—	0	—	0
Subtotal primary non-ferrous metal products	22	—	—	22	2	19	0	1
5480 fab. metal products	22	—	—	22	2	19	0	1
Total food and farm products	122	—	—	122	70	9	26	16
Subtotal fish	69	—	—	69	54	3	13	0
6134 fish (not shellfish)	66	—	—	66	50	3	13	0
6136 shellfish	4	—	—	4	4	—	—	—
Subtotal vegetable products	1	—	—	1	0	0	—	0
6654 vegetables & prod.	1	—	—	1	0	0	—	0
Subtotal processed grain and animal feed	0	—	—	0	—	0	—	0
6782 animal feed, prep.	0	—	—	0	—	0	—	0
Subtotal other agricultural products	51	—	—	51	17	5	13	16
6811 meat, fresh, frozen	1	—	—	1	0	1	—	0
6835 fish, prepared	24	—	—	24	16	—	8	—
6858 fruit juices	1	—	—	1	0	0	—	0
6885 alcoholic beverages	11	—	—	11	0	2	5	3
6887 groceries	15	—	—	15	0	2	0	13
Total all manufactured equipment, machinery and products	108	—	—	108	13	72	4	20
7110 machinery (not elec)	3	—	—	3	0	1	1	0
7210 vehicles & parts	5	—	—	5	0	3	0	1

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Inbound	Outbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd
7230 ships & boats	1	—	—	1	0	0	0	0
7400 manufac. wood prod.	28	—	—	28	0	24	0	4
7600 rubber & plastic pr.	0	—	—	0	—	—	—	0
7900 manufac. prod. nec	72	—	—	72	12	43	2	14

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 mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	5,453	1994	4,192	1997	3,640	2000	3,457
1992	6,010	1995	4,441	1998	3,321		
1993	4,714	1996	4,007	1999	3,815		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total, all commodities	755	232	129	145	249
Total chemicals and related products	0	0	—	—	—
Subtotal other chemicals and related products	0	0	—	—	—
3286 plastics	0	0	—	—	—
Total crude materials, inedible except fuels	735	223	121	142	249
Subtotal forest products, wood and chips	409	—	121	40	249
4150 fuel wood	71	—	—	2	69
4161 wood chips	181	—	—	8	173
4170 wood in the rough	155	—	119	29	7
4189 lumber	2	—	2	0	—
Subtotal soil, sand, gravel, rock and stone	11	—	—	11	—
4310 building stone	11	—	—	11	—
Subtotal non-ferrous ores and scrap	315	223	—	91	—
4650 aluminum ore	315	223	—	91	—
Total primary manufactured goods	12	6	1	4	—
Subtotal paper products	11	6	1	4	—
5110 newsprint	4	—	—	4	—
5120 paper & paperboard	7	6	1	—	—
Subtotal lime, cement and glass	0	0	—	—	—
5240 glass & glass prod.	0	0	—	—	—
5290 misc. mineral prod.	0	0	—	—	—
Subtotal primary iron and steel products	0	0	—	—	—
5360 i&s bars & shapes	0	0	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—
5480 fab. metal products	0	0	0	—	—
Total food and farm products	3	0	3	—	—
Subtotal fish	0	—	0	—	—
6134 fish (not shellfish)	0	—	0	—	—
Subtotal vegetable products	1	0	1	—	—
6654 vegetables & prod.	1	0	1	—	—
Subtotal processed grain and animal feed	2	—	2	—	—
6781 hay & fodder	2	—	2	—	—
Subtotal other agricultural products	0	—	0	—	—
6835 fish, prepared	0	—	0	—	—
Total all manufactured equipment, machinery and products	6	2	4	—	—
7110 machinery (not elec)	0	0	—	—	—
7210 vehicles & parts	0	0	—	—	—
7220 aircraft & parts	1	1	—	—	—
7500 textile products	0	0	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—
7900 manufac. prod. nec	5	1	4	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,702	27	92	1,498	1,076	9
Total petroleum and petroleum products	94	—	—	56	38	—
Subtotal petroleum products	94	—	—	56	38	—
2330 distillate fuel oil	1	—	—	0	0	—
2340 residual fuel oil	93	—	—	56	37	—
Total crude materials, inedible except fuels	2,588	25	92	1,431	1,030	9
Subtotal forest products, wood and chips	2,334	25	92	1,178	1,030	9
4161 wood chips	151	25	55	15	56	—
4170 wood in the rough	2,183	—	37	1,163	974	9
Subtotal soil, sand, gravel, rock and stone	253	—	—	253	—	—
4331 sand & gravel	253	—	—	253	—	—
Total all manufactured equipment, machinery and products	19	2	—	10	7	—
7110 machinery (not elec)	0	0	—	—	—	—
7900 manufac. prod. nec	19	2	—	10	7	—
Total unknown or not elsewhere classified	1	—	—	0	1	—
9900 unknown or nec	1	—	—	0	1	—

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

SWINOMISH CHANNEL, WA

Section Included: Entire channel. Controlling Depth: 10.5 feet. Project Depth: 12 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	829	1994	374	1997	119	2000	258
1992	816	1995	689	1998	200		
1993	521	1996	392	1999	201		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound		Through	Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Upbound
Total, all commodities	258	52	93	25	82	3	4
Total crude materials, inedible except fuels	258	52	93	25	82	3	4
Subtotal forest products, wood and chips	192	52	27	25	82	3	4
4161 wood chips	23	4	13	7	—	—	—
4170 wood in the rough	170	49	14	18	82	3	4
Subtotal soil, sand, gravel, rock and stone	66	—	66	—	—	—	—
4331 sand & gravel	66	—	66	—	—	—	—
Total food and farm products	0	—	0	—	—	—	—
Subtotal fish	0	—	0	—	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—	—
Ton-miles (x1000)	978	70	595	181	82	32	19
Tons All Traffic (x1000)	258						
Ton-miles All Traffic (x1000)	978						

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; CapSante 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
1991	14,481	1994	12,950	1997	13,904	2000	18,035
1992	15,260	1995	13,110	1998	11,948		
1993	13,124	1996	13,844	1999	16,232		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	2,096	969	159	609	359
Total petroleum and petroleum products	1,473	969	116	31	356
Subtotal crude petroleum	729	729	—	—	—
2100 crude petroleum	729	729	—	—	—
Subtotal petroleum products	744	241	116	31	356
2211 gasoline	63	45	—	6	12
2221 kerosene	84	8	—	—	76
2330 distillate fuel oil	93	63	21	7	2
2340 residual fuel oil	184	61	95	17	10
2429 naphtha & solvents	64	64	0	—	—
2540 petroleum coke	255	—	—	—	255
Total crude materials, inedible except fuels	546	—	41	503	2
Subtotal forest products, wood and chips	546	—	41	503	2
4161 wood chips	202	—	—	199	2
4170 wood in the rough	339	—	41	298	—
4189 lumber	6	—	—	6	—
Total primary manufactured goods	4	—	—	3	0
Subtotal lime, cement and glass	1	—	—	1	—
5290 misc. mineral prod.	1	—	—	1	—
Subtotal primary iron and steel products	0	—	—	0	—
5360 i&s bars & shapes	0	—	—	0	—
Subtotal primary non-ferrous metal products	3	—	—	3	0
5480 fab. metal products	3	—	—	3	0
Total food and farm products	3	—	1	2	—
Subtotal fish	0	—	—	0	—
6134 fish (not shellfish)	0	—	—	0	—
Subtotal vegetable products	1	—	1	—	—
6654 vegetables & prod.	1	—	1	—	—
Subtotal processed grain and animal feed	2	—	0	1	—
6747 grain mill products	1	—	—	1	—
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	0	—	—	0	—
Subtotal other agricultural products	0	—	0	—	—
6811 meat, fresh, frozen	0	—	0	—	—
6857 fruit & nuts nec	0	—	0	—	—
6889 food products nec	0	—	0	—	—
Total all manufactured equipment, machinery and products	70	—	—	70	0
7110 machinery (not elec)	12	—	—	12	0
7230 ships & boats	1	—	—	0	0
7400 manufac. wood prod.	57	—	—	57	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	15,939	8,957	2,081	2,549	1,728	623
Total petroleum and petroleum products	15,883	8,957	2,075	2,501	1,728	622
Subtotal crude petroleum	8,128	8,107	21	—	—	—
2100 crude petroleum	8,128	8,107	21	—	—	—
Subtotal petroleum products	7,756	850	2,054	2,501	1,728	622
2211 gasoline	3,372	47	769	1,567	492	497
2330 distillate fuel oil	2,410	571	737	704	350	47
2340 residual fuel oil	1,476	89	228	199	882	78
2350 lube oil & greases	35	14	7	14	0	0
2429 naphtha & solvents	123	91	16	16	—	—
2430 asphalt, tar & pitch	2	2	—	—	—	—
2640 liquid natural gas	0	—	—	—	0	—
2990 petro. products nec	338	35	298	2	3	—
Total chemicals and related products	6	—	6	—	—	—
Subtotal other chemicals and related products	6	—	6	—	—	—
3297 chemical additives	6	—	6	—	—	—

ANACORTES HARBOR, WA
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Receipts	Internal	
		Receipts	Shipments		Shipments	Intraport
Total crude materials, inedible except fuels	48	—	—	47	0	—
Subtotal forest products, wood and chips	48	—	—	47	0	—
4170 wood in the rough	47	—	—	47	—	—
4189 lumber	0	—	—	—	0	—
Total primary manufactured goods	0	—	—	—	0	0
Subtotal lime, cement and glass	0	—	—	—	0	—
5290 misc. mineral prod.	0	—	—	—	0	—
Subtotal primary non-ferrous metal products	0	—	—	—	—	0
5480 fab. metal products	0	—	—	—	—	0
Total food and farm products	0	—	—	—	0	—
Subtotal fish	0	—	—	—	0	—
6134 fish (not shellfish)	0	—	—	—	0	—
Total all manufactured equipment, machinery and products	1	—	—	—	1	1
7110 machinery (not elec)	0	—	—	—	0	—
7210 vehicles & parts	1	—	—	—	1	—
7400 manufac. wood prod.	1	—	—	—	0	1

BELLINGHAM BAY AND HARBOR, WA

Section Included: Bellingham Bay and Chuckanut Bay from the wharf of the Olympic Portland Cement Company on the north to and including Chuckanut Inter-Island Ferry Slip on the south. Controlling Depth: Whatcom Creek Waterway, 8.9 to 25.8 feet; Squalicum Creek Waterway, 23.2 feet, from deep water to turning basin, 19.7 feet in turning basin, 11.8 feet from sta. 16 + 00 to 5 + 40; I & J St. Waterway, 11.0 ft. Project Depth: Whatcom Creek Waterway, 18 to 30 feet; Squalicum Creek Waterway, 26 feet over the entire waterway; I & J Street Waterway 18 feet over the entire waterway. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	1,482	1994	1,343	1997	1,555	2000	541
1992	1,383	1995	1,291	1998	1,244		
1993	1,223	1996	1,419	1999	1,526		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound	Outbound
Total, all commodities	208	15	85	94	14
Total petroleum and petroleum products	9	—	—	—	9
Subtotal petroleum products	9	—	—	—	9
2211 gasoline	3	—	—	—	3
2330 distillate fuel oil	4	—	—	—	4
2340 residual fuel oil	2	—	—	—	2
Total chemicals and related products	43	—	23	18	1
Subtotal other chemicals and related products	43	—	23	18	1
3230 carboxylic acids	4	—	4	—	—
3276 metallic salts	21	—	2	18	1
3285 perfumes & cleansers	10	—	10	—	—
3298 wood & resin chem.	8	—	8	—	—
Total crude materials, inedible except fuels	101	—	28	70	3
Subtotal forest products, wood and chips	5	—	1	4	—
4161 wood chips	4	—	—	4	—
4189 lumber	1	—	1	—	—
Subtotal pulp and waste paper	69	—	26	40	3
4225 pulp & waste paper	69	—	26	40	3
Subtotal soil, sand, gravel, rock and stone	26	—	—	26	—
4322 limestone	17	—	—	17	—
4323 gypsum	3	—	—	3	—
4331 sand & gravel	6	—	—	6	—
Subtotal non-ferrous ores and scrap	1	—	1	—	—
4650 aluminum ore	1	—	1	—	—
Total primary manufactured goods	35	—	34	0	1
Subtotal paper products	1	—	—	0	1
5120 paper & paperboard	1	—	—	0	1
Subtotal primary iron and steel products	3	—	3	—	—
5320 i&s primary forms	3	—	3	—	—
Subtotal primary non-ferrous metal products	31	—	31	—	—
5422 aluminum	31	—	31	—	—
Total food and farm products	20	15	0	5	—
Subtotal fish	6	4	0	2	—
6134 fish (not shellfish)	3	—	0	2	—

BELLINGHAM BAY AND HARBOR, WA
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound	Outbound
6136 shellfish	4	4	—	—	—
Subtotal oilseeds	11	11	—	—	—
6590 oilseeds nec	11	11	—	—	—
Subtotal vegetable products	3	—	—	3	—
6653 vegetable oils	3	—	—	3	—
Total all manufactured equipment, machinery and products	0	—	—	0	—
7900 manufac. prod. nec	0	—	—	0	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	333	82	110	130	11
Total petroleum and petroleum products	19	—	—	10	9
Subtotal petroleum products	19	—	—	10	9
2211 gasoline	18	—	—	9	9
2330 distillate fuel oil	2	—	—	2	—
2350 lube oil & greases	0	—	—	0	—
Total chemicals and related products	100	—	100	—	—
Subtotal other chemicals and related products	100	—	100	—	—
3298 wood & resin chem.	100	—	100	—	—
Total crude materials, inedible except fuels	200	73	6	119	2
Subtotal forest products, wood and chips	106	73	6	27	0
4150 fuel wood	22	19	—	2	—
4161 wood chips	84	53	6	25	—
4189 lumber	0	—	0	—	0
Subtotal soil, sand, gravel, rock and stone	94	—	—	92	2
4331 sand & gravel	94	—	—	92	2
Total primary manufactured goods	1	—	1	—	0
Subtotal paper products	0	—	0	—	—
5190 paper products nec	0	—	0	—	—
Subtotal lime, cement and glass	0	—	0	—	0
5290 misc. mineral prod.	0	—	0	—	0
Subtotal primary non-ferrous metal products	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
Total food and farm products	10	9	1	—	—
Subtotal fish	10	9	1	—	—
6134 fish (not shellfish)	10	9	1	—	—
Subtotal other agricultural products	0	—	0	—	—
6887 groceries	0	—	0	—	—
Total all manufactured equipment, machinery and products	3	1	2	—	0
7110 machinery (not elec)	3	1	2	—	—
7210 vehicles & parts	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	0
7800 empty containers	0	0	—	—	—
7900 manufac. prod. nec	0	—	0	—	—

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

Other Harbors and Waterways 2000

Harbor or Waterway Project	Commodity	Thousand Short Tons
BLAINE HARBOR, WA	No Commerce Reported	
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	No Commerce Reported	
FLATHEAD LAKE, MT	No Commerce Reported	
HOQUIAM RIVER, WA	4170 wood in the rough	21
	Total Tons(x1000)	21
	Total Ton-miles(x1000)	21
KOOTENAI RIVER, ID AND MT	No Commerce Reported	
NEAH BAY, WA	No Commerce Reported	
PORT GAMBLE HARBOR, WA	4161 wood chips	20
	4170 wood in the rough	36
	Total Tons(x1000)	56
PORT TOWNSEND HARBOR, WA	2340 residual fuel oil	34
	4161 wood chips	168
	4170 wood in the rough	13
	Total Tons(x1000)	214
QUILLAYUTE RIVER, WA	No Commerce Reported	
SKAGIT RIVER, WA	6134 fish (not shellfish)	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
STILLAGUAMISH RIVER, WA	No Commerce Reported	
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		
COEUR D ALENE LAKE AND ST. JOE RIVER, ID	4170 wood in the rough	397
	Total Tons(x1000)	397
	Total Ton-miles(x1000)	4,702
OTHER PUGET SOUND AREA PORTS, WA (NET)	2100 crude petroleum	12,835
	2211 gasoline	5,094
	2221 kerosene	46
	2330 distillate fuel oil	2,407
	2340 residual fuel oil	1,473
	2350 lube oil & greases	40
	2429 naphtha & solvents	44
	2430 asphalt, tar & pitch	47
	2540 petroleum coke	8
	2640 liquid natural gas	32
	2990 petro. products nec	1,419
	3212 benzene & toluene	136
	3275 inorg. elem., oxides, & halogen salts	15
	4150 fuel wood	0
	4161 wood chips	5
	4170 wood in the rough	1,124
	4189 lumber	1
	4323 gypsum	3

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
OTHER PUGET SOUND AREA PORTS, WA (NET) - continued	4331 sand & gravel	2,571
	4420 iron & steel scrap	4
	4650 aluminum ore	508
	5120 paper & paperboard	2
	5220 cement & concrete	35
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	1
	5370 i&s pipe & tube	1
	5422 aluminum	38
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6885 alcoholic beverages	14
	7110 machinery (not elec)	1
	7210 vehicles & parts	1
	7220 aircraft & parts	0
	7400 manufac. wood prod.	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
	9900 unknown or nec	1
	Total Tons(x1000)	27,911

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
1991	1,568	1994	1,759	1997	1,241	2000	756
1992	1,986	1995	1,821	1998	937		
1993	1,564	1996	1,341	1999	1,400		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Outbound	Inbound	Outbound	Inbound
Total, all commodities	173	94	64	16	
Total petroleum and petroleum products	78	41	37		
Subtotal petroleum products	78	41	37		
2211 gasoline	17		17		
2330 distillate fuel oil	18		18		
2640 liquid natural gas	43	41	1		
Total chemicals and related products	38	29	10		
Subtotal fertilizers	1		1		
3110 nitrogenous fert.	1		1		
Subtotal other chemicals and related products	37	29	9		
3220 alcohols	0		0		
3230 carboxylic acids	0		0		
3250 organo - inorg. comp.	1		1		
3260 organic comp. nec	0		0		
3273 ammonia	29	29			
3276 metallic salts	7		7		
3286 plastics	0		0		
3293 explosives	0		0		
Total crude materials, inedible except fuels	51	20	16	14	
Subtotal forest products, wood and chips	35	20		14	
4170 wood in the rough	32	18		14	
4189 lumber	3	3			
Subtotal soil, sand, gravel, rock and stone	10		10		
4322 limestone	0		0		
4331 sand & gravel	10		10		
Subtotal other non-metal. min.	6		6		
4900 non-metal. min. nec	6		6		
Total primary manufactured goods	0		0		
Subtotal primary iron and steel products	0		0		
5330 i&s plates & sheets	0		0		
5360 i&s bars & shapes	0		0		
Subtotal primary non-ferrous metal products	0		0		
5480 fab. metal products	0		0		
Total food and farm products	3	3			
Subtotal fish	3	3			
6134 fish (not shellfish)	3	3			
6136 shellfish	0	0			
Subtotal other agricultural products	0	0			
6835 fish, prepared	0	0			
Total all manufactured equipment, machinery and products	2		0		1
7110 machinery (not elec)	0		0		
7120 electrical machinery	0		0		
7230 ships & boats	0		0		
7600 rubber & plastic pr.	0		0		
7900 manufac. prod. nec	1		0		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	582	52	31	354	138	7
Total coal	0			0		
1100 coal lignite	0			0		
Total petroleum and petroleum products	182	52	5	45	74	6
Subtotal petroleum products	182	52	5	45	74	6
2211 gasoline	93	25	2	30	34	2
2330 distillate fuel oil	87	27	3	13	40	3
2350 lube oil & greases	1			1	0	

KETCHIKAN HARBOR, AK
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
2540 petroleum coke	0	—	—	0	—	—
2640 liquid natural gas	1	—	—	1	—	—
2990 petro. products nec	0	—	—	0	0	—
Total chemicals and related products	1	—	0	0	1	—
Subtotal fertilizers	0	—	—	—	0	—
3110 nitrogenous fert.	0	—	—	—	0	—
Subtotal other chemicals and related products	1	—	0	0	1	—
3282 pigments & paints	0	—	0	—	—	—
3286 plastics	0	—	—	0	—	—
3293 explosives	0	—	—	0	0	—
3299 chem. products nec	1	—	—	0	1	—
Total crude materials, inedible except fuels	260	—	23	219	18	—
Subtotal forest products, wood and chips	258	—	23	218	17	—
4110 rubber & gums	0	—	—	0	—	—
4150 fuel wood	12	—	10	—	2	—
4161 wood chips	14	—	14	—	—	—
4170 wood in the rough	229	—	—	216	12	—
4189 lumber	4	—	—	2	2	—
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	—	—	0	1	—
4331 sand & gravel	1	—	—	0	1	—
Subtotal sulphur, clay and salt	0	—	—	0	—	—
4782 clay & refrac. mat.	0	—	—	0	—	—
Subtotal other non-metal. min.	0	—	—	0	—	—
4900 non-metal. min. nec	0	—	—	0	—	—
Total primary manufactured goods	11	—	—	7	5	—
Subtotal paper products	0	—	—	0	0	—
5190 paper products nec	0	—	—	0	0	—
Subtotal lime, cement and glass	4	—	—	2	2	—
5220 cement & concrete	2	—	—	0	0	—
5240 glass & glass prod.	1	—	—	1	0	—
5290 misc. mineral prod.	3	—	—	1	2	—
Subtotal primary iron and steel products	1	—	—	1	—	—
5370 i&s pipe & tube	1	—	—	1	—	—
Subtotal primary non-ferrous metal products	7	—	—	4	2	—
5480 fab. metal products	7	—	—	4	2	—
Total food and farm products	31	—	0	17	14	—
Subtotal fish	9	—	0	0	8	—
6134 fish (not shellfish)	9	—	0	0	8	—
6136 shellfish	0	—	—	0	—	—
Subtotal vegetable products	0	—	—	0	—	—
6654 vegetables & prod.	0	—	—	0	—	—
Subtotal other agricultural products	23	—	—	17	6	—
6811 meat, fresh, frozen	0	—	—	0	—	—
6835 fish, prepared	5	—	—	—	5	—
6858 fruit juices	0	—	—	0	—	—
6885 alcoholic beverages	2	—	—	2	0	—
6887 groceries	3	—	—	3	0	—
6889 food products nec	13	—	—	13	0	—
Total all manufactured equipment, machinery and products	96	0	2	66	27	1
7110 machinery (not elec)	14	0	2	5	6	1
7120 electrical machinery	2	—	—	1	0	—
7210 vehicles & parts	6	—	—	4	2	—
7230 ships & boats	0	—	—	0	0	—
7400 manufac. wood prod.	3	—	—	1	2	—
7500 textile products	0	—	—	0	—	—
7600 rubber & plastic pr.	0	—	—	0	—	—
7800 empty containers	0	—	—	0	—	—
7900 manufac. prod. nec	71	0	0	54	17	—

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
1991	714	1994	547	1997	496	2000	630
1992	718	1995	544	1998	432		
1993	569	1996	473	1999	404		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Coastwise		
		Receipts	Through	
			Upbound	Downbnd
Total, all commodities	50	1	22	27
Total petroleum and petroleum products	38	1	13	24
Subtotal petroleum products	38	1	13	24
2211 gasoline	20	0	3	16
2330 distillate fuel oil	18	1	9	8
2350 lube oil & greases	0	—	0	—
Total chemicals and related products	1	—	1	—
Subtotal fertilizers	0	—	0	—
3110 nitrogenous fert.	0	—	0	—
Subtotal other chemicals and related products	1	—	1	—
3282 pigments & paints	0	—	0	—
3299 chem. products nec	1	—	1	—
Total crude materials, inedible except fuels	0	—	0	—
Subtotal forest products, wood and chips	0	—	0	—
4189 lumber	0	—	0	—
Total primary manufactured goods	1	—	1	—
Subtotal lime, cement and glass	0	—	0	—
5220 cement & concrete	0	—	0	—
Subtotal primary iron and steel products	0	—	0	—
5370 i&s pipe & tube	0	—	0	—
Subtotal primary non-ferrous metal products	1	—	1	—
5480 fab. metal products	1	—	1	—
Total food and farm products	2	—	1	1
Subtotal fish	1	—	—	1
6134 fish (not shellfish)	1	—	—	1
Subtotal other agricultural products	1	—	1	—
6885 alcoholic beverages	0	—	0	—
6887 groceries	1	—	1	—
Total all manufactured equipment, machinery and products	9	0	7	2
7110 machinery (not elec)	0	—	0	0
7120 electrical machinery	0	—	0	—
7400 manufac. wood prod.	0	—	0	—
7500 textile products	0	—	0	—
7600 rubber & plastic pr.	0	—	0	—
7900 manufac. prod. nec	7	0	5	2
Ton-miles (x1000)	984	29	291	664
Coastwise				

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	580	49	6	252	16	211	45
Total petroleum and petroleum products	71	13	2	0	0	52	6
Subtotal petroleum products	71	13	2	0	0	52	6
2211 gasoline	30	6	1	0	—	21	3
2330 distillate fuel oil	36	7	1	—	—	26	2
2350 lube oil & greases	3	0	—	—	0	3	0
2430 asphalt, tar & pitch	1	—	—	—	—	1	—
2640 liquid natural gas	0	—	—	—	—	0	—
2990 petro. products nec	1	0	—	0	0	1	0
Total chemicals and related products	10	1	0	—	0	7	2
Subtotal fertilizers	2	0	—	—	—	1	—
3110 nitrogenous fert.	2	0	—	—	—	1	—
Subtotal other chemicals and related products	8	1	0	—	0	6	2
3211 acyclic hydrocarbons	0	—	—	—	—	0	—
3276 metallic salts	1	—	—	—	—	1	—
3282 pigments & paints	2	—	—	—	—	2	0

WRANGELL NARROWS, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3286 plastics	0	0	—	—	0	0	—
3293 explosives	1	0	0	—	—	0	0
3299 chem. products nec	4	1	—	—	0	2	1
Total crude materials, inedible except fuels	26	4	0	0	1	11	8
Subtotal forest products, wood and chips	21	2	0	0	1	10	7
4161 wood chips	7	—	—	—	—	—	7
4189 lumber	13	2	0	0	1	9	0
4190 forest products nec	1	0	—	0	0	1	—
Subtotal soil, sand, gravel, rock and stone	3	2	—	0	0	1	—
4322 limestone	0	—	—	—	—	0	—
4331 sand & gravel	3	2	—	0	0	1	—
4338 soil & fill dirt	0	—	—	—	—	0	—
Subtotal iron ore and scrap	1	—	—	—	—	—	1
4420 iron & steel scrap	1	—	—	—	—	—	1
Subtotal other non-metal. min.	1	0	—	0	0	0	—
4900 non-metal. min. nec	1	0	—	0	0	0	—
Total primary manufactured goods	259	6	0	229	1	22	1
Subtotal paper products	3	0	—	0	0	2	0
5190 paper products nec	3	0	—	0	0	2	0
Subtotal lime, cement and glass	244	2	0	229	1	11	0
5210 lime	0	—	—	—	—	0	—
5220 cement & concrete	235	0	—	228	0	6	—
5240 glass & glass prod.	1	0	—	—	—	0	—
5290 misc. mineral prod.	9	2	0	0	1	5	0
Subtotal primary iron and steel products	1	0	—	0	—	1	—
5330 i&s plates & sheets	0	0	—	0	—	0	—
5370 i&s pipe & tube	1	0	—	—	—	1	—
Subtotal primary non-ferrous metal products	11	3	—	0	0	7	1
5480 fab. metal products	11	3	—	0	0	7	1
Total food and farm products	77	10	1	12	10	32	11
Subtotal fish	12	1	1	0	6	0	4
6134 fish (not shellfish)	12	1	1	0	6	0	4
6136 shellfish	0	—	—	—	0	—	—
Subtotal vegetable products	0	0	—	—	—	0	—
6654 vegetables & prod.	0	0	—	—	—	0	—
Subtotal processed grain and animal feed	0	—	—	—	—	0	—
6782 animal feed, prep.	0	—	—	—	—	0	—
Subtotal other agricultural products	65	9	0	12	4	32	7
6811 meat, fresh, frozen	0	0	—	—	—	0	—
6835 fish, prepared	6	1	—	—	4	—	1
6858 fruit juices	0	0	—	—	—	0	—
6885 alcoholic beverages	12	1	0	0	0	6	5
6887 groceries	35	5	0	12	0	18	0
6889 food products nec	11	2	0	0	0	8	1
Total all manufactured equipment, machinery and products	137	16	2	11	3	88	17
7110 machinery (not elec)	6	0	0	0	1	3	2
7120 electrical machinery	5	1	—	—	0	4	0
7210 vehicles & parts	5	1	0	0	0	3	1
7230 ships & boats	1	0	0	0	0	1	0
7400 manufac. wood prod.	11	3	0	0	1	7	0
7500 textile products	1	0	0	—	—	0	—
7600 rubber & plastic pr.	2	0	—	—	—	1	0
7900 manufac. prod. nec	104	10	1	10	1	68	14
Total waste and scrap nec	0	—	—	—	0	—	—
8900 waste and scrap nec	0	—	—	—	0	—	—
Ton-miles (x1000)	8,867	1,098	12	1,010	340	5,282	1,125
Internal							
Tons All Traffic (x1000)		630					
Ton-miles All Traffic (x1000)		9,851					

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 mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	112	1994	55	1997	61	2000	325
1992	68	1995	64	1998	62		
1993	49	1996	58	1999	55		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal Receipts	Shipments
Total, all commodities	325	1	55	268
Total petroleum and petroleum products	15	1	14	0
Subtotal petroleum products	15	1	14	0
2211 gasoline	7	0	6	0
2330 distillate fuel oil	8	1	8	—
2350 lube oil & greases	0	—	0	0
2990 petro. products nec	0	—	0	0
Total chemicals and related products	1	—	1	0
Subtotal fertilizers	0	—	0	—
3110 nitrogenous fert.	0	—	0	—
Subtotal other chemicals and related products	1	—	1	0
3286 plastics	0	—	0	0
3293 explosives	0	—	0	—
3299 chem. products nec	1	—	1	0
Total crude materials, inedible except fuels	6	—	5	1
Subtotal forest products, wood and chips	3	—	2	1
4189 lumber	3	—	2	1
4190 forest products nec	0	—	0	0
Subtotal soil, sand, gravel, rock and stone	2	—	2	0
4331 sand & gravel	2	—	2	0
Subtotal other non-metal. min.	0	—	0	0
4900 non-metal. min. nec	0	—	0	0
Total primary manufactured goods	236	—	6	230
Subtotal paper products	0	—	0	0
5190 paper products nec	0	—	0	0
Subtotal lime, cement and glass	233	—	3	230
5220 cement & concrete	229	—	0	228
5240 glass & glass prod.	0	—	0	—
5290 misc. mineral prod.	3	—	2	1
Subtotal primary iron and steel products	0	—	0	0
5330 i&s plates & sheets	0	—	0	0
5370 i&s pipe & tube	0	—	0	—
Subtotal primary non-ferrous metal products	3	—	3	0
5480 fab. metal products	3	—	3	0
Total food and farm products	34	—	11	23
Subtotal fish	8	—	2	6
6134 fish (not shellfish)	8	—	2	6
6136 shellfish	0	—	—	0
Subtotal vegetable products	0	—	0	—
6654 vegetables & prod.	0	—	0	—
Subtotal other agricultural products	26	—	9	17
6811 meat, fresh, frozen	0	—	0	—
6835 fish, prepared	5	—	1	4
6858 fruit juices	0	—	0	—
6885 alcoholic beverages	1	—	1	0
6887 groceries	17	—	5	12
6889 food products nec	2	—	2	0
Total all manufactured equipment, machinery and products	32	0	18	14
7110 machinery (not elec)	1	—	0	1
7120 electrical machinery	1	—	1	0
7210 vehicles & parts	1	—	1	0
7230 ships & boats	0	—	0	0
7400 manufac. wood prod.	4	—	4	1
7500 textile products	0	—	0	—
7600 rubber & plastic pr.	0	—	0	—
7900 manufac. prod. nec	23	0	11	12
Total waste and scrap nec	0	—	—	0
8900 waste and scrap nec	0	—	—	0

SITKA HARBOR, AK

Section Included: From the Alaska Lumber & Pulp Co. Mill in Silverbay on the south to Starrigaven Bay on the north including the Sitka Central Waterfront and Japonski Island. Controlling Depth: 22 feet at mlw in western channel and 10 feet in small boat basin. Project Depth: 22 feet in western channel; 10 feet in small boat basin and approach channel. All depths refer to mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	534	1994	51	1997	89	2000	314
1992	546	1995	47	1998	74		
1993	381	1996	57	1999	85		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	314	9	7	290	8
Total petroleum and petroleum products	22	9	—	13	0
Subtotal petroleum products	22	9	—	13	0
2211 gasoline	10	5	—	5	—
2330 distillate fuel oil	10	4	—	6	—
2350 lube oil & greases	0	—	—	0	0
2430 asphalt, tar & pitch	1	—	—	1	—
2640 liquid natural gas	0	—	—	0	—
2990 petro. products nec	0	—	—	0	—
Total chemicals and related products	2	—	—	1	1
Subtotal fertilizers	0	—	—	0	—
3110 nitrogenous fert.	0	—	—	0	—
Subtotal other chemicals and related products	2	—	—	1	1
3276 metallic salts	0	—	—	0	—
3282 pigments & paints	0	—	—	0	—
3293 explosives	0	—	—	0	—
3299 chem. products nec	2	—	—	1	1
Total crude materials, inedible except fuels	8	—	6	1	1
Subtotal forest products, wood and chips	1	—	—	1	0
4189 lumber	1	—	—	1	0
4190 forest products nec	0	—	—	0	—
Subtotal soil, sand, gravel, rock and stone	0	—	—	0	—
4331 sand & gravel	0	—	—	0	—
Subtotal iron ore and scrap	7	—	6	—	1
4420 iron & steel scrap	7	—	6	—	1
Subtotal other non-metal. min.	0	—	—	0	—
4900 non-metal. min. nec	0	—	—	0	—
Total primary manufactured goods	232	—	0	232	0
Subtotal paper products	0	—	0	0	—
5190 paper products nec	0	—	0	0	—
Subtotal lime, cement and glass	230	—	—	230	—
5220 cement & concrete	228	—	—	228	—
5240 glass & glass prod.	0	—	—	0	—
5290 misc. mineral prod.	1	—	—	1	—
Subtotal primary iron and steel products	0	—	—	0	—
5330 i&s plates & sheets	0	—	—	0	—
5370 i&s pipe & tube	0	—	—	0	—
Subtotal primary non-ferrous metal products	2	—	0	2	0
5480 fab. metal products	2	—	0	2	0
Total food and farm products	19	0	0	16	2
Subtotal fish	2	0	0	0	2
6134 fish (not shellfish)	2	0	0	0	2
Subtotal other agricultural products	17	—	—	16	0
6885 alcoholic beverages	0	—	—	0	0
6887 groceries	15	—	—	15	—
6889 food products nec	1	—	—	1	0
Total all manufactured equipment, machinery and products	30	0	1	25	4
7110 machinery (not elec)	1	—	0	1	0
7120 electrical machinery	2	—	0	2	—
7210 vehicles & parts	1	—	—	1	0
7230 ships & boats	0	0	—	0	0
7400 manufac. wood prod.	1	—	—	1	—
7500 textile products	0	—	0	0	—
7600 rubber & plastic pr.	0	—	—	0	—
7900 manufac. prod. nec	24	0	1	20	3

SERGIUS AND WHITESTONE NARROWS, AK

Section Included: Channels through Sergius and Whitestone Narrows. Controlling Depth: Project depth available except for Pinnacles to 23.5 feet at West Francis Rock (Sergius Narrows). Project Depth: 24 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	480	1994	159	1997	216	2000	429
1992	475	1995	184	1998	193		
1993	317	1996	169	1999	222		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	429	1	22	8	398
Total petroleum and petroleum products	42	—	17	0	26
Subtotal petroleum products	42	—	17	0	26
2211 gasoline	17	—	7	—	9
2330 distillate fuel oil	22	—	9	—	13
2350 lube oil & greases	3	—	—	0	2
2430 asphalt, tar & pitch	1	—	—	—	1
2640 liquid natural gas	0	—	—	—	0
2990 petro. products nec	0	—	—	—	0
Total chemicals and related products	8	—	1	1	7
Subtotal fertilizers	1	—	0	—	1
3110 nitrogenous fert.	1	—	0	—	1
Subtotal other chemicals and related products	7	—	1	1	6
3211 acyclic hydrocarbons	0	—	—	—	0
3276 metallic salts	1	—	—	—	1
3282 pigments & paints	2	—	0	—	2
3286 plastics	0	—	—	—	0
3293 explosives	0	—	—	—	0
3299 chem. products nec	3	—	1	1	2
Total crude materials, inedible except fuels	8	—	0	1	7
Subtotal forest products, wood and chips	7	—	0	0	6
4189 lumber	6	—	0	0	6
4190 forest products nec	0	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	0	—	—	—	0
4322 limestone	0	—	—	—	0
4331 sand & gravel	0	—	—	—	0
Subtotal iron ore and scrap	1	—	—	1	—
4420 iron & steel scrap	1	—	—	1	—
Subtotal other non-metal. min.	0	—	—	—	0
4900 non-metal. min. nec	0	—	—	—	0
Total primary manufactured goods	246	0	1	0	245
Subtotal paper products	2	0	—	—	2
5190 paper products nec	2	0	—	—	2
Subtotal lime, cement and glass	237	—	0	—	236
5210 lime	0	—	—	—	0
5220 cement & concrete	234	—	0	—	234
5240 glass & glass prod.	0	—	—	—	0
5290 misc. mineral prod.	2	—	—	—	2
Subtotal primary iron and steel products	1	—	0	—	1
5330 i&s plates & sheets	0	—	—	—	0
5370 i&s pipe & tube	1	—	0	—	1
Subtotal primary non-ferrous metal products	7	0	1	0	6
5480 fab. metal products	7	0	1	0	6
Total food and farm products	36	0	1	2	33
Subtotal fish	2	0	—	2	0
6134 fish (not shellfish)	2	0	—	2	0
Subtotal processed grain and animal feed	0	—	—	—	0
6782 animal feed, prep.	0	—	—	—	0
Subtotal other agricultural products	34	—	1	0	33
6885 alcoholic beverages	4	—	0	0	3
6887 groceries	22	—	1	—	22
6889 food products nec	8	—	—	0	8
Total all manufactured equipment, machinery and products	87	1	3	4	80
7110 machinery (not elec)	3	—	0	0	2
7120 electrical machinery	4	—	—	—	4
7210 vehicles & parts	3	—	—	0	3
7230 ships & boats	1	—	—	0	1
7400 manufac. wood prod.	3	—	0	—	3
7500 textile products	0	—	0	—	0

SERGIUS AND WHITESTONE NARROWS, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Through		Internal Through	
		Upbound	Downbnd	Upbound	Downbnd
7600 rubber & plastic pr.	2	—	0	—	1
7900 manufac. prod. nec	71	1	2	3	66
Ton-miles (x1000)	8,802	17	147	239	8,399
Tons All Traffic (x1000)	429				
Ton-miles All Traffic (x1000)	8,802				

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
1991	179	1994	222	1997	583	2000	256
1992	163	1995	192	1998	320		
1993	193	1996	465	1999	527		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic					
		Outbound	Inbound	Total	Coastwise		Internal		
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
Total, all commodities	256	87	7	162	28	6	90	36	3
Total petroleum and petroleum products	64	—	—	64	26	4	21	10	3
Subtotal petroleum products	64	—	—	64	26	4	21	10	3
2211 gasoline	39	—	—	39	16	3	12	6	3
2330 distillate fuel oil	24	—	—	24	10	2	8	4	0
2350 lube oil & greases	1	—	—	1	—	0	0	0	—
2990 petro. products nec	1	—	—	1	0	—	1	0	—
Total chemicals and related products	3	0	0	3	—	—	3	0	—
Subtotal fertilizers	1	—	—	1	—	—	1	—	—
3110 nitrogenous fert.	1	—	—	1	—	—	1	—	—
Subtotal other chemicals and related products	2	0	0	2	—	—	2	0	—
3230 carboxylic acids	0	—	0	—	—	—	—	—	—
3272 sulphuric acid	0	—	0	—	—	—	—	—	—
3276 metallic salts	1	—	—	1	—	—	1	—	—
3282 pigments & paints	1	—	—	1	—	—	1	0	—
3284 medicines	0	0	—	—	—	—	—	—	—
3286 plastics	0	—	—	0	—	—	0	—	—
3293 explosives	0	—	—	0	—	—	0	—	—
3299 chem. products nec	0	—	—	0	—	—	0	0	—
Total crude materials, inedible except fuels	14	—	7	8	0	0	7	0	—
Subtotal forest products, wood and chips	7	—	—	7	0	0	6	0	—
4189 lumber	6	—	—	6	0	0	5	0	—
4190 forest products nec	1	—	—	1	—	—	1	—	—

JUNEAU HARBOR, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic				
		Outbound	Inbound	Total	Coastwise		Inbound Upbound	Internal Outbound Downbnd	Intra Upbound	
					Receipts	Shipments				
Subtotal soil, sand, gravel, rock and stone	7	—	7	1	—	—	1	—	—	
4331 sand & gravel	7	—	7	1	—	—	1	—	—	
4338 soil & fill dirt	0	—	—	0	—	—	0	—	—	
Subtotal iron ore and scrap	0	—	—	0	—	—	—	0	—	
4420 iron & steel scrap	0	—	—	0	—	—	—	0	—	
Subtotal other non-metal. min.	0	—	—	0	—	—	0	—	—	
4900 non-metal. min. nec	0	—	—	0	—	—	0	—	—	
Total primary manufactured goods	9	—	—	9	0	—	8	1	—	
Subtotal paper products	2	—	—	2	—	—	2	0	—	
5190 paper products nec	2	—	—	2	—	—	2	0	—	
Subtotal lime, cement and glass	5	—	—	5	0	—	5	0	—	
5220 cement & concrete	1	—	—	1	—	—	1	—	—	
5290 misc. mineral prod.	4	—	—	4	0	—	4	0	—	
Subtotal primary iron and steel products	0	—	—	0	0	—	0	—	—	
5330 i&s plates & sheets	0	—	—	0	0	—	0	—	—	
5370 i&s pipe & tube	0	—	—	0	—	—	0	0	—	
Subtotal primary non-ferrous metal products	2	—	—	2	0	—	2	1	—	
5480 fab. metal products	2	—	—	2	0	—	2	1	—	
Total food and farm products	111	87	0	24	1	0	16	8	—	
Subtotal fish	67	66	0	1	—	0	0	1	—	
6134 fish (not shellfish)	67	66	0	1	—	0	0	1	—	
6136 shellfish	0	0	—	—	—	—	—	—	—	
Subtotal vegetable products	0	—	—	0	—	—	0	—	—	
6654 vegetables & prod.	0	—	—	0	—	—	0	—	—	
Subtotal processed grain and animal feed	2	2	—	0	—	—	0	—	—	
6782 animal feed, prep.	2	2	—	0	—	—	0	—	—	
Subtotal other agricultural products	42	19	—	23	1	0	15	7	—	
6811 meat, fresh, frozen	0	—	—	0	—	—	0	—	—	
6835 fish, prepared	18	18	—	—	—	—	—	—	—	
6838 tallow, animal oils	1	1	—	—	—	—	—	—	—	
6858 fruit juices	0	—	—	0	—	—	0	—	—	
6885 alcoholic beverages	9	—	—	9	0	0	3	6	—	
6887 groceries	10	—	—	10	0	0	9	0	—	
6889 food products nec	4	—	—	4	—	—	3	1	—	
Total all manufactured equipment, machinery and products	54	—	—	54	1	1	35	17	0	
7110 machinery (not elec)	3	—	—	3	—	0	2	1	—	
7120 electrical machinery	1	—	—	1	—	—	1	0	—	
7210 vehicles & parts	3	—	—	3	0	0	2	1	—	
7230 ships & boats	1	—	—	1	0	—	1	0	—	

JUNEAU HARBOR, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic					
		Outbound	Inbound	Total	Coastwise		Internal		
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
7400 manufac. wood prod.	6	—	—	6	0	—	6	0	—
7500 textile products	0	—	—	0	—	—	—	0	—
7600 rubber & plastic pr.	1	—	—	1	—	—	1	—	—
7900 manufac. prod. nec	39	—	—	39	1	1	23	14	0
Total unknown or not elsewhere classified	0	—	0	—	—	—	—	—	—
9900 unknown or nec	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 mliw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	99,616	1994	85,096	1997	73,647	2000	48,081
1992	93,737	1995	80,955	1998	61,946		
1993	85,722	1996	77,116	1999	53,392		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic			
		Outbound	Total	Coastwise		Internal Shipments
				Receipts	Shipments	
Total, all commodities	48,081	1,672	46,409	25	46,380	4
Total petroleum and petroleum products	48,076	1,667	46,409	24	46,380	4
Subtotal crude petroleum	47,734	1,667	46,067	7	46,060	—
2100 crude petroleum	47,734	1,667	46,067	7	46,060	—
Subtotal petroleum products	341	—	341	17	320	4
2211 gasoline	231	—	231	0	227	3
2330 distillate fuel oil	91	—	91	7	83	1
2990 petro. products nec	19	—	19	10	9	—
Total crude materials, inedible except fuels	0	—	0	—	—	0
Subtotal forest products, wood and chips	0	—	0	—	—	0
4150 fuel wood	0	—	0	—	—	0
4189 lumber	0	—	0	—	—	0
Total primary manufactured goods	0	—	0	—	0	0
Subtotal primary iron and steel products	0	—	0	—	—	0
5370 i&s pipe & tube	0	—	0	—	—	0
Subtotal primary non-ferrous metal products	0	—	0	—	0	—
5480 fab. metal products	0	—	0	—	0	—
Total food and farm products	5	5	—	—	—	—
Subtotal fish	5	5	—	—	—	—
6134 fish (not shellfish)	5	5	—	—	—	—
Total all manufactured equipment, machinery and products	0	—	0	0	0	0
7120 electrical machinery	0	—	0	—	—	0
7210 vehicles & parts	0	—	0	—	0	—
7900 manufac. prod. nec	0	—	0	0	0	—

SEWARD HARBOR, AK

Section Included: Alaska Railroad Dock, the Seward Boat Basin including the City Dock, and the Dry Bulk Terminal. Controlling Depth: 35 feet below mllw at the Railroad Dock; 15 feet in the 200 foot entrance channel to the boat basin and at the City Dock; 12.5 feet in the boat mooring area. The Dry Bulk Terminal has controlling depth of 58 feet mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1991	1,181	1994	961	1997	842	2000	721
1992	686	1995	928	1998	380		
1993	862	1996	877	1999	614		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic
		Outbound	Coastwise Receipts
Total, all commodities	721	715	5
Total coal	690	690	—
1100 coal lignite	690	690	—
Total petroleum and petroleum products	0	—	0
Subtotal petroleum products	0	—	0
2350 lube oil & greases	0	—	0
2990 petro. products nec	0	—	0
Total chemicals and related products	0	0	—
Subtotal fertilizers	0	0	—
3120 phosphatic fert.	0	0	—
Total crude materials, inedible except fuels	19	18	1
Subtotal forest products, wood and chips	19	18	1
4170 wood in the rough	18	18	—
4189 lumber	1	—	1
4190 forest products nec	0	—	0
Subtotal other non-metal. min.	0	—	0
4900 non-metal. min. nec	0	—	0
Total primary manufactured goods	2	—	2
Subtotal paper products	0	—	0
5190 paper products nec	0	—	0
Subtotal lime, cement and glass	1	—	1
5290 misc. mineral prod.	1	—	1
Subtotal primary non-ferrous metal products	1	—	1
5480 fab. metal products	1	—	1
Total food and farm products	7	7	0
Subtotal fish	4	4	—
6134 fish (not shellfish)	4	4	—
Subtotal processed grain and animal feed	1	1	—
6782 animal feed, prep.	1	1	—
Subtotal other agricultural products	3	3	0
6835 fish, prepared	3	3	—
6838 tallow, animal oils	0	0	—
6887 groceries	0	—	0
Total all manufactured equipment, machinery and products	2	—	2
7110 machinery (not elec)	0	—	0
7210 vehicles & parts	0	—	0
7230 ships & boats	0	—	0
7400 manufac. wood prod.	1	—	1
7900 manufac. prod. nec	1	—	1

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
1991	82	1994	377	1997	302	2000	557
1992	287	1995	501	1998	338		
1993	472	1996	397	1999	271		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian Outbound
		Inbound	Outbound	
Total, all commodities	520	254	115	151
Total petroleum and petroleum products	254	254	—	—
Subtotal crude petroleum	254	254	—	—
2100 crude petroleum	254	254	—	—
Total chemicals and related products	71	—	71	—
Subtotal fertilizers	32	—	32	—
3110 nitrogenous fert.	32	—	32	—
Subtotal other chemicals and related products	40	—	40	—
3273 ammonia	40	—	40	—
3284 medicines	0	—	0	—
Total crude materials, inedible except fuels	167	—	22	145
Subtotal forest products, wood and chips	153	—	22	132
4161 wood chips	43	—	22	21
4170 wood in the rough	96	—	—	96
4189 lumber	14	—	—	14
Subtotal pulp and waste paper	14	—	—	14
4225 pulp & waste paper	14	—	—	14
Total food and farm products	20	—	20	—
Subtotal fish	16	—	16	—
6134 fish (not shellfish)	16	—	16	—
Subtotal processed grain and animal feed	1	—	1	—
6782 animal feed, prep.	1	—	1	—
Subtotal other agricultural products	2	—	2	—
6835 fish, prepared	2	—	2	—
6838 tallow, animal oils	0	—	0	—
Total all manufactured equipment, machinery and products	8	—	2	6
7230 ships & boats	2	—	2	—
7400 manufac. wood prod.	6	—	—	6
7900 manufac. prod. nec	0	—	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	37	9	7	20	1	1
Total petroleum and petroleum products	30	6	3	20	0	1
Subtotal petroleum products	30	6	3	20	0	1
2211 gasoline	21	5	3	13	—	1
2330 distillate fuel oil	9	2	—	7	0	—
2640 liquid natural gas	0	—	0	—	0	—
Total chemicals and related products	0	—	—	0	—	—
Subtotal other chemicals and related products	0	—	—	0	—	—
3299 chem. products nec	0	—	—	0	—	—
Total crude materials, inedible except fuels	2	0	1	—	0	—
Subtotal forest products, wood and chips	1	0	1	—	0	—
4189 lumber	1	0	1	—	0	—
Subtotal soil, sand, gravel, rock and stone	0	—	—	—	0	—
4331 sand & gravel	0	—	—	—	0	—
Total primary manufactured goods	1	0	1	—	0	—
Subtotal lime, cement and glass	1	0	1	—	0	—
5240 glass & glass prod.	0	0	—	—	—	—
5290 misc. mineral prod.	1	0	1	—	0	—
Subtotal primary iron and steel products	0	—	—	—	0	—
5370 i&s pipe & tube	0	—	—	—	0	—
Subtotal primary non-ferrous metal products	0	0	0	—	0	—
5480 fab. metal products	0	0	0	—	0	—
Total food and farm products	0	—	—	—	0	—
Subtotal fish	0	—	—	—	0	—
6134 fish (not shellfish)	0	—	—	—	0	—

HOMER, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Receipts	Internal	
		Receipts	Shipments		Shipments	Intraport
Total all manufactured equipment, machinery and products	4	2	2	0	0	0
7110 machinery (not elec)	2	1	1	0	0	—
7120 electrical machinery	0	0	—	0	0	—
7210 vehicles & parts	0	0	0	0	0	0
7220 aircraft & parts	0	—	—	—	0	—
7230 ships & boats	0	0	—	0	—	—
7400 manufac. wood prod.	1	0	1	0	0	—
7800 empty containers	0	—	0	0	—	—
7900 manufac. prod. nec	0	0	0	—	0	—
Total waste and scrap nec	0	—	—	0	—	—
8900 waste and scrap nec	0	—	—	0	—	—

ANCHORAGE, AK

Section Included: Krik 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
1991	2,309	1994	2,559	1997	3,424	2000	3,157
1992	2,540	1995	3,222	1998	3,589		
1993	2,470	1996	3,401	1999	3,701		

Freight Traffic, 2000 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	741	340	303	42	55
Total petroleum and petroleum products	487	221	262	4	—
Subtotal crude petroleum	78	78	—	—	—
2100 crude petroleum	78	78	—	—	—
Subtotal petroleum products	409	144	262	4	—
2211 gasoline	227	—	227	—	—
2221 kerosene	129	129	—	—	—
2340 residual fuel oil	15	15	—	—	—
2350 lube oil & greases	0	—	0	—	—
2429 naphtha & solvents	34	—	34	—	—
2430 asphalt, tar & pitch	0	—	—	0	—
2640 liquid natural gas	4	—	—	4	—
Total chemicals and related products	21	0	0	20	—
Subtotal fertilizers	5	—	—	5	—
3110 nitrogenous fert.	0	—	—	0	—
3130 potassic fert.	5	—	—	5	—
Subtotal other chemicals and related products	15	0	0	15	—
3220 alcohols	12	—	—	12	—
3230 carboxylic acids	0	0	—	—	—
3240 nitrogen func. comp.	0	0	—	—	—
3260 organic comp. nec	0	0	—	—	—
3276 metallic salts	0	0	—	—	—
3284 medicines	0	—	0	—	—
3286 plastics	3	0	—	3	—
Total crude materials, inedible except fuels	94	—	30	9	55
Subtotal forest products, wood and chips	86	—	30	1	55
4170 wood in the rough	85	—	30	0	55
4189 lumber	1	—	—	1	—
Subtotal slag	0	—	—	0	—
4860 slag	0	—	—	0	—
Subtotal other non-metal. min.	8	—	—	8	—
4900 non-metal. min. nec	8	—	—	8	—
Total primary manufactured goods	123	116	—	8	—
Subtotal paper products	1	0	—	0	—
5110 newsprint	0	—	—	0	—
5190 paper products nec	0	0	—	—	—
Subtotal lime, cement and glass	112	109	—	3	—
5210 lime	2	—	—	2	—
5220 cement & concrete	109	109	—	0	—
5290 misc. mineral prod.	0	—	—	0	—
Subtotal primary iron and steel products	1	1	—	—	—
5370 i&s pipe & tube	1	1	—	—	—
Subtotal primary non-ferrous metal products	5	5	—	0	—
5480 fab. metal products	5	5	—	0	—

ANCHORAGE, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal primary wood products	5	—	—	5	—
5540 primary wood prod.	5	—	—	5	—
Total food and farm products	13	0	12	1	—
Subtotal fish	6	0	6	0	—
6134 fish (not shellfish)	6	—	6	0	—
6136 shellfish	0	0	0	—	—
Subtotal processed grain and animal feed	2	—	2	1	—
6746 wheat flour	1	—	—	1	—
6782 animal feed, prep.	2	—	2	—	—
Subtotal other agricultural products	4	—	4	—	—
6835 fish, prepared	4	—	4	—	—
6838 tallow, animal oils	0	—	0	—	—
Total all manufactured equipment, machinery and products	3	3	—	0	—
7110 machinery (not elec)	3	2	—	0	—
7120 electrical machinery	0	0	—	—	—
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	0	0	—	—	—
Total unknown or not elsewhere classified	0	—	—	0	—
9900 unknown or nec	0	—	—	0	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	2,417	1,930	479	4	4
Total petroleum and petroleum products	583	271	305	4	3
Subtotal petroleum products	583	271	305	4	3
2211 gasoline	356	250	101	4	1
2330 distillate fuel oil	124	7	114	—	2
2340 residual fuel oil	19	—	19	—	—
2350 lube oil & greases	14	14	0	—	—
2429 naphtha & solvents	70	—	70	—	—
2990 petro. products nec	0	0	0	—	—
Total chemicals and related products	33	23	9	—	—
Subtotal other chemicals and related products	33	23	9	—	—
3220 alcohols	9	9	—	—	—
3286 plastics	1	1	0	—	—
3299 chem. products nec	23	14	9	—	—
Total crude materials, inedible except fuels	87	63	24	—	0
Subtotal forest products, wood and chips	64	62	1	—	0
4170 wood in the rough	0	—	—	—	0
4189 lumber	63	61	1	—	—
4190 forest products nec	1	1	0	—	—
Subtotal soil, sand, gravel, rock and stone	1	1	0	—	—
4331 sand & gravel	0	0	0	—	—
4338 soil & fill dirt	0	0	—	—	—
Subtotal iron ore and scrap	23	—	23	—	—
4420 iron & steel scrap	23	—	23	—	—
Subtotal other non-metal. min.	0	0	0	—	—
4900 non-metal. min. nec	0	0	0	—	—
Total primary manufactured goods	130	123	6	—	—
Subtotal paper products	12	12	—	—	—
5190 paper products nec	12	12	—	—	—
Subtotal lime, cement and glass	60	59	1	—	—
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	4	4	—	—	—
5290 misc. mineral prod.	55	54	1	—	—
Subtotal primary iron and steel products	0	0	—	—	—
5330 i&s plates & sheets	0	0	—	—	—
Subtotal primary non-ferrous metal products	55	50	5	—	—
5480 fab. metal products	55	50	5	—	—
Subtotal primary wood products	3	3	—	—	—
5540 primary wood prod.	3	3	—	—	—
Total food and farm products	364	342	22	—	—
Subtotal fish	20	1	20	—	—
6134 fish (not shellfish)	20	1	20	—	—
Subtotal processed grain and animal feed	0	0	0	—	—
6782 animal feed, prep.	0	0	0	—	—
Subtotal other agricultural products	344	341	3	—	—
6835 fish, prepared	2	—	2	—	—

ANCHORAGE, AK
Freight Traffic, 2000 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
6839 animals & prod. nec	3	3	0	—	—
6885 alcoholic beverages	0	—	0	—	—
6887 groceries	339	339	0	—	—
Total all manufactured equipment, machinery and products	1,202	1,097	105	—	0
7110 machinery (not elec)	1	1	0	—	—
7120 electrical machinery	5	—	5	—	—
7210 vehicles & parts	77	58	20	—	0
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	55	54	1	—	—
7900 manufac. prod. nec	1,063	984	79	—	0
Total unknown or not elsewhere classified	17	11	6	—	—
9900 unknown or nec	17	11	6	—	—

UNALASKA BAY AND ISLAND, AK

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
1991	1,205	1994	861	1997	1,275	2000	655
1992	1,179	1995	743	1998	895		
1993	1,035	1996	939	1999	793		

Freight Traffic, 2000 (thousand short tons)

Commodity	Grand Total	Foreign Outbound*	Domestic			
			Total	Coastwise		Internal Intraport
				Receipts	Shipments	
Total, all commodities	654	207	447	283	156	8
Total petroleum and petroleum products	208	0	208	199	1	8
Subtotal petroleum products	208	0	208	199	1	8
2211 gasoline	29	—	29	28	—	—
2330 distillate fuel oil	166	—	166	159	1	6
2340 residual fuel oil	13	—	13	13	—	—
2350 lube oil & greases	0	—	0	—	—	—
2540 petroleum coke	0	—	—	—	—	—
2990 petro. products nec	0	—	0	—	0	—
Total chemicals and related products	29	29	0	0	0	—
Subtotal fertilizers	29	28	0	—	0	—
3110 nitrogenous fert.	28	28	—	—	—	—
3120 phosphatic fert.	0	0	—	—	—	—
3190 fert. & mixes nec	0	—	0	—	0	—
Subtotal other chemicals and related products	1	1	0	0	0	—
3284 medicines	1	1	—	—	—	—
3299 chem. products nec	0	—	0	0	0	—
Total crude materials, inedible except fuels	7	0	7	6	1	—
Subtotal forest products, wood and chips	0	0	0	0	0	—
4189 lumber	0	0	0	0	0	—
4190 forest products nec	0	—	0	0	—	—
Subtotal non-ferrous ores and scrap	0	0	—	—	—	—
4690 non-ferrous ores nec	0	—	—	—	—	—
Subtotal other non-metal. min.	6	—	6	6	1	—
4900 non-metal. min. nec	6	—	6	6	1	—
Total primary manufactured goods	12	—	12	10	2	—
Subtotal paper products	6	—	6	5	0	—
5190 paper products nec	6	—	6	5	0	—
Subtotal lime, cement and glass	0	—	0	0	0	—
5290 misc. mineral prod.	0	—	0	0	0	—
Subtotal primary non-ferrous metal products	6	—	6	5	1	—
5480 fab. metal products	6	—	6	5	1	—
Total food and farm products	304	177	127	29	97	0
Subtotal fish	260	139	121	24	97	0
6134 fish (not shellfish)	256	137	119	24	95	0
6136 shellfish	4	2	2	0	1	—
Subtotal vegetable products	0	0	0	0	—	—
6654 vegetables & prod.	0	0	0	0	—	—
Subtotal processed grain and animal feed	16	15	0	—	—	0
6782 animal feed, prep.	16	15	0	—	—	0
Subtotal other agricultural products	28	23	5	5	0	—
6811 meat, fresh, frozen	0	0	0	0	—	—
6835 fish, prepared	25	21	4	4	0	—

UNALASKA BAY AND ISLAND, AK
 Freight Traffic, 2000 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic			
		Outbound*	Total	Coastwise		Internal Intraport
				Receipts	Shipments	
6838 tallow, animal oils	2	2	—	—	—	—
6839 animals & prod. nec	1	0	1	1	0	—
6858 fruit juices	0	—	0	0	—	—
6885 alcoholic beverages	0	—	0	0	0	—
6887 groceries	0	—	0	0	—	—
Total all manufactured equipment, machinery and products	94	0	94	38	56	0
7110 machinery (not elec)	1	—	1	1	0	—
7210 vehicles & parts	0	0	0	0	0	—
7230 ships & boats	0	—	0	0	0	—
7400 manufac. wood prod.	0	—	0	0	0	—
7500 textile products	1	—	1	1	—	—
7900 manufac. prod. nec	92	0	92	37	56	0
Total unknown or not elsewhere classified	1	0	0	0	—	—
9900 unknown or nec	1	0	0	0	—	—

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

Other Harbors and Waterways 2000

Harbor or Waterway Project	Commodity	Thousand Short Tons
BETHEL HARBOR, AK	2211 gasoline	32
	2330 distillate fuel oil	5
	2350 lube oil & greases	0
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	13
	2990 petro. products nec	0
	3220 alcohols	0
	3286 plastics	0
	4170 wood in the rough	0
	4189 lumber	5
	4190 forest products nec	0
	4331 sand & gravel	54
	4338 soil & fill dirt	0
	4900 non-metal. min. nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	5
	5330 i&s plates & sheets	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	1
	6782 animal feed, prep.	0
	6835 fish, prepared	0
	6887 groceries	0
	7110 machinery (not elec)	15
	7120 electrical machinery	0
7210 vehicles & parts	1	
7230 ships & boats	0	
7400 manufac. wood prod.	5	
7600 rubber & plastic pr.	1	
7900 manufac. prod. nec	5	
Total Tons(x1000)	143	
CORDOVA HARBOR, AK	2211 gasoline	9
	2330 distillate fuel oil	7
	5480 fab. metal products	0
	6134 fish (not shellfish)	7
	6887 groceries	0
	7900 manufac. prod. nec	5
	9900 unknown or nec	0
Total Tons(x1000)	28	
CRAIG HARBOR, AK	2211 gasoline	7
	2330 distillate fuel oil	6
	4170 wood in the rough	0
	5480 fab. metal products	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7900 manufac. prod. nec	0
Total Tons(x1000)	13	
DILLINGHAM HARBOR, AK	2211 gasoline	9
	2330 distillate fuel oil	4
	2350 lube oil & greases	0
	2990 petro. products nec	0
	3286 plastics	0
	4189 lumber	2
	4190 forest products nec	0
	4331 sand & gravel	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5290 misc. mineral prod.	2
	5480 fab. metal products	0
	6134 fish (not shellfish)	2
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	5
	6858 fruit juices	0
	6885 alcoholic beverages	1
	6887 groceries	1

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
DILLINGHAM HARBOR, AK - continued	7110 machinery (not elec)	2
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	2
	Total Tons(x1000)	33
DOUGLAS HARBOR, AK	2211 gasoline	4
	2330 distillate fuel oil	0
	Total Tons(x1000)	4
DRY PASS, AK	No Commerce Reported	
EGEGIK RIVER, AK	2211 gasoline	0
	2330 distillate fuel oil	2
	2350 lube oil & greases	0
	2990 petro. products nec	0
	4189 lumber	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5290 misc. mineral prod.	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	1
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	6
	6858 fruit juices	0
	6887 groceries	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	0
Total Tons(x1000)	10	
ELFIN COVE HARBOR, AK	No Commerce Reported	
GASTINEAU CHANNEL, AK	No Commerce Reported	
HOONAH HARBOR, AK	2211 gasoline	4
	2330 distillate fuel oil	5
	2350 lube oil & greases	0
	4161 wood chips	7
	4900 non-metal. min. nec	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	2
	6887 groceries	0
	6889 food products nec	0
	7110 machinery (not elec)	0
	7900 manufac. prod. nec	2
Total Tons(x1000)	22	
HUMBOLDT HARBOR, AK	2211 gasoline	3
	2330 distillate fuel oil	7
	2340 residual fuel oil	3
	3120 phosphatic fert.	0
	3284 medicines	3
	4189 lumber	0
	4331 sand & gravel	7
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5290 misc. mineral prod.	0
	5480 fab. metal products	2
	6134 fish (not shellfish)	9
	6136 shellfish	1
	6654 vegetables & prod.	0
	6782 animal feed, prep.	6
	6811 meat, fresh, frozen	0

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
HUMBOLDT HARBOR, AK - continued	6835 fish, prepared	6
	6838 tallow, animal oils	2
	6858 fruit juices	0
	6889 food products nec	0
	7210 vehicles & parts	0
	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	2
	9900 unknown or nec	1
	Total Tons(x1000)	52
	KAKE HARBOR, AK	2211 gasoline
2330 distillate fuel oil		3
2350 lube oil & greases		0
3110 nitrogenous fert.		0
3293 explosives		0
3299 chem. products nec		0
4189 lumber		0
5190 paper products nec		0
5480 fab. metal products		0
6134 fish (not shellfish)		0
6887 groceries		1
6889 food products nec		0
7110 machinery (not elec)		1
7230 ships & boats		0
7400 manufac. wood prod.		0
7500 textile products		0
7900 manufac. prod. nec	2	
Total Tons(x1000)	9	
KING COVE LAGOON, AK	2211 gasoline	1
	2330 distillate fuel oil	18
	2340 residual fuel oil	2
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5480 fab. metal products	1
	6134 fish (not shellfish)	1
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6858 fruit juices	0
	7900 manufac. prod. nec	1
Total Tons(x1000)	26	
KODIAK HARBOR, AK	2211 gasoline	53
	2330 distillate fuel oil	64
	3299 chem. products nec	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	6134 fish (not shellfish)	6
	6654 vegetables & prod.	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6839 animals & prod. nec	1
	6858 fruit juices	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7900 manufac. prod. nec	84
9900 unknown or nec	0	
Total Tons(x1000)	209	
METLAKATLA HARBOR, AK	2990 petro. products nec	0
	3299 chem. products nec	0
	4110 rubber & gums	0
	4161 wood chips	1
	4170 wood in the rough	0
	4189 lumber	0
	4782 clay & refrac. mat.	0
	5190 paper products nec	0
5220 cement & concrete	0	

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
METLAKATLA HARBOR, AK - continued	5240 glass & glass prod. 5290 misc. mineral prod. 5480 fab. metal products 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec	0 0 1 1 1 0 0 0 0 0 2
	Total Tons(x1000)	8
NAKNEK RIVER, AK	2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2990 petro. products nec 3286 plastics 4189 lumber 4190 forest products nec 4331 sand & gravel 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete 5290 misc. mineral prod. 5480 fab. metal products 6134 fish (not shellfish) 6654 vegetables & prod. 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6858 fruit juices 6885 alcoholic beverages 6887 groceries 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7900 manufac. prod. nec	3 18 0 0 0 1 0 0 1 1 0 1 2 15 0 0 0 8 0 1 1 2 0 0 1 1 0 11
	Total Tons(x1000)	67
	Total Ton-miles(x1000)	115
NINILCHIK HARBOR, AK	4189 lumber 5290 misc. mineral prod. 7210 vehicles & parts 7400 manufac. wood prod.	0 0 0 0
	Total Tons(x1000)	0
NOME, AK	2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2990 petro. products nec 3286 plastics 3299 chem. products nec 4189 lumber 4190 forest products nec 4331 sand & gravel 4900 non-metal. min. nec 5220 cement & concrete 5290 misc. mineral prod. 5480 fab. metal products 6782 animal feed, prep. 6885 alcoholic beverages 6887 groceries 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7900 manufac. prod. nec	24 18 0 0 0 0 2 0 21 0 0 1 1 0 0 0 5 0 0 2 3
	Total Tons(x1000)	77
OLD HARBOR, AK	2211 gasoline	0

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
OLD HARBOR, AK - continued	2330 distillate fuel oil 4900 non-metal. min. nec 5190 paper products nec 5480 fab. metal products 6654 vegetables & prod. 6811 meat, fresh, frozen 6858 fruit juices 7210 vehicles & parts 7900 manufac. prod. nec	0 0 0 0 0 0 0 0 0
	Total Tons(x1000)	1
PELICAN HARBOR, AK	2211 gasoline 2330 distillate fuel oil 7900 manufac. prod. nec	0 0 0
	Total Tons(x1000)	1
PORT ALEXANDER, AK	No Commerce Reported	
SELDOVIA HARBOR, AK	2211 gasoline 2330 distillate fuel oil 2640 liquid natural gas 3299 chem. products nec 7110 machinery (not elec) 7210 vehicles & parts	1 1 0 0 0 0
	Total Tons(x1000)	2
SKAGWAY HARBOR, AK	2211 gasoline 2221 kerosene 2330 distillate fuel oil 3276 metallic salts 3282 pigments & paints 3284 medicines 4189 lumber 4322 limestone 5190 paper products nec 5210 lime 5220 cement & concrete 5290 misc. mineral prod. 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6782 animal feed, prep. 6835 fish, prepared 6838 tallow, animal oils 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7400 manufac. wood prod. 7500 textile products 7900 manufac. prod. nec 9900 unknown or nec	20 5 40 0 1 0 2 0 0 2 0 1 16 4 16 1 3 1 0 0 1 1 1 0 7 0
	Total Tons(x1000)	122
STIKINE RIVER, AK	No Commerce Reported	
WRANGELL HARBOR, AK	1100 coal lignite 2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2990 petro. products nec 3282 pigments & paints 3286 plastics 3293 explosives 3299 chem. products nec 4110 rubber & gums 4170 wood in the rough 4189 lumber	0 4 7 0 0 0 0 0 0 0 0 1 0 1 2

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
WRANGELL HARBOR, AK - continued	4190 forest products nec 4225 pulp & waste paper 4331 sand & gravel 4338 soil & fill dirt 4782 clay & refrac. mat. 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5480 fab. metal products 6134 fish (not shellfish) 6835 fish, prepared 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec	0 0 0 0 0 0 0 0 1 1 1 0 2 2 0 1 0 2 0 0 7
	Total Tons(x1000)	30
Non-project		
CHATHAM STRAIT, AK	2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2430 asphalt, tar & pitch 2640 liquid natural gas 2990 petro. products nec 3110 nitrogenous fert. 3230 carboxylic acids 3272 sulphuric acid 3276 metallic salts 3282 pigments & paints 3284 medicines 3286 plastics 3293 explosives 3299 chem. products nec 4161 wood chips 4170 wood in the rough 4189 lumber 4190 forest products nec 4331 sand & gravel 4420 iron & steel scrap 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5330 i&s plates & sheets 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6136 shellfish 6654 vegetables & prod. 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 9900 unknown or nec	25 29 2 1 0 1 0 0 0 0 0 0 1 1 3 7 86 25 1 8 1 1 1 233 0 24 0 0 11 70 1 0 2 0 31 1 0 2 2 18 2 3 2 5 1 25 1 0 80 0
	Total Tons(x1000)	704
	Total Ton-miles(x1000)	40,570

Other Harbors and Waterways 2000 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
CLARENCE STRAIT, AK	1100 coal lignite	0
	2211 gasoline	49
	2330 distillate fuel oil	54
	2350 lube oil & greases	4
	2430 asphalt, tar & pitch	1
	2640 liquid natural gas	0
	2990 petro. products nec	1
	3110 nitrogenous fert.	2
	3211 acyclic hydrocarbons	0
	3276 metallic salts	1
	3282 pigments & paints	2
	3286 plastics	1
	3293 explosives	1
	3299 chem. products nec	5
	4110 rubber & gums	0
	4161 wood chips	7
	4170 wood in the rough	115
	4189 lumber	36
	4190 forest products nec	2
	4225 pulp & waste paper	0
	4322 limestone	0
	4331 sand & gravel	3
	4420 iron & steel scrap	1
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	2
	5190 paper products nec	4
	5210 lime	0
	5220 cement & concrete	7
	5240 glass & glass prod.	2
	5290 misc. mineral prod.	31
	5330 i&s plates & sheets	0
	5370 i&s pipe & tube	1
	5480 fab. metal products	21
	6134 fish (not shellfish)	13
	6136 shellfish	1
	6654 vegetables & prod.	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	19
	6858 fruit juices	0
	6885 alcoholic beverages	14
	6887 groceries	26
	6889 food products nec	15
	7110 machinery (not elec)	15
	7120 electrical machinery	6
	7210 vehicles & parts	9
	7230 ships & boats	2
	7400 manufac. wood prod.	36
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	132
	8900 waste and scrap nec	0
	Total Tons(x1000)	645
	Total Ton-miles(x1000)	39,983
FREDERICK SOUND, AK	2211 gasoline	48
	2330 distillate fuel oil	41
	2350 lube oil & greases	3
	2430 asphalt, tar & pitch	1
	2640 liquid natural gas	0
	2990 petro. products nec	1
	3110 nitrogenous fert.	1
	3211 acyclic hydrocarbons	0
	3230 carboxylic acids	0
	3272 sulphuric acid	0
	3276 metallic salts	1
	3282 pigments & paints	2
	3284 medicines	0
	3286 plastics	0
	3293 explosives	1
	3299 chem. products nec	4
	4161 wood chips	7
	4189 lumber	10
	4190 forest products nec	1
	4322 limestone	0
	4331 sand & gravel	8
	4338 soil & fill dirt	0
	4420 iron & steel scrap	1

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
FREDERICK SOUND, AK - continued	4900 non-metal. min. nec 5190 paper products nec 5210 lime 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5330 i&s plates & sheets 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6136 shellfish 6654 vegetables & prod. 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 9900 unknown or nec	0 2 0 235 0 6 0 1 9 72 0 0 2 0 20 1 0 12 31 9 6 4 4 1 8 1 2 103 0
	Total Tons(x1000) Total Ton-miles(x1000)	<hr/> 661 40,994
ICY BAY, AK	2330 distillate fuel oil 4170 wood in the rough 4189 lumber 4225 pulp & waste paper 6134 fish (not shellfish) 6835 fish, prepared 6838 tallow, animal oils 7110 machinery (not elec) 7900 manufac. prod. nec	0 292 9 1 4 0 0 0 0 0
	Total Tons(x1000) Total Ton-miles(x1000)	<hr/> 307 1,257
ICY STRAIT, AK	2211 gasoline 2221 kerosene 2330 distillate fuel oil 2350 lube oil & greases 2990 petro. products nec 3110 nitrogenous fert. 3211 acyclic hydrocarbons 3276 metallic salts 3282 pigments & paints 3284 medicines 3286 plastics 3299 chem. products nec 4161 wood chips 4170 wood in the rough 4189 lumber 4190 forest products nec 4331 sand & gravel 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete 5290 misc. mineral prod. 5330 i&s plates & sheets 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6136 shellfish 6654 vegetables & prod. 6782 animal feed, prep. 6811 meat, fresh, frozen 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices 6885 alcoholic beverages	57 5 64 2 1 0 0 0 0 0 0 1 1 7 86 24 1 0 1 1 0 23 0 0 10 21 1 0 4 0 30 1 0 1

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
ICY STRAIT, AK - continued	6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 9900 unknown or nec Total Tons(x1000) Total Ton-miles(x1000)	4 1 2 1 3 1 24 0 1 35 0 <hr/> 415 17,136
KIVILINA, AK	2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2990 petro. products nec 3120 phosphatic fert. 4690 non-ferrous ores nec 5210 lime 5220 cement & concrete 5429 smelted prod. nec 6134 fish (not shellfish) 6782 animal feed, prep. 6835 fish, prepared 6838 tallow, animal oils 7110 machinery (not elec) 7120 electrical machinery 7900 manufac. prod. nec Total Tons(x1000)	32 5 0 13 0 1,246 0 0 1,263 1 1 2 0 0 5 5 <hr/> 2,573
KLAWOCK, AK	2211 gasoline 2330 distillate fuel oil 4150 fuel wood 4161 wood chips 4170 wood in the rough 5480 fab. metal products 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7900 manufac. prod. nec Total Tons(x1000)	0 0 10 43 618 0 0 0 0 0 0 <hr/> 671
LYNN CANAL, AK	2211 gasoline 2221 kerosene 2330 distillate fuel oil 2350 lube oil & greases 3110 nitrogenous fert. 3211 acyclic hydrocarbons 3276 metallic salts 3282 pigments & paints 3284 medicines 3293 explosives 3299 chem. products nec 4189 lumber 4322 limestone 4420 iron & steel scrap 4900 non-metal. min. nec 5190 paper products nec 5210 lime 5220 cement & concrete 5290 misc. mineral prod. 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6782 animal feed, prep. 6835 fish, prepared 6838 tallow, animal oils 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery	58 5 62 2 0 0 0 1 0 1 2 4 0 0 0 0 4 2 1 4 4 18 4 18 1 4 6 4 4 1 2

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
LYNN CANAL, AK - continued	7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 9900 unknown or nec	1 0 1 0 1 44 0
	Total Tons(x1000) Total Ton-miles(x1000)	251 12,414
NIKISHKA, AK	2100 crude petroleum 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. 3130 potassic fert. 3220 alcohols 3273 ammonia 3299 chem. products nec 4189 lumber 4900 non-metal. min. nec 5190 paper products nec 5210 lime 5290 misc. mineral prod. 5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6746 wheat flour 6835 fish, prepared 6839 animals & prod. nec 6887 groceries 7210 vehicles & parts 7400 manufac. wood prod. 7900 manufac. prod. nec 9900 unknown or nec	1,170 245 88 733 230 15 59 2 1,325 87 569 0 1 546 0 0 0 0 0 0 0 0 24 0 9 0 3 0 0 2 0
	Total Tons(x1000)	5,109
PERIL STRAIT, AK	2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2430 asphalt, tar & pitch 2640 liquid natural gas 2990 petro. products nec 3110 nitrogenous fert. 3276 metallic salts 3282 pigments & paints 3293 explosives 3299 chem. products nec 4189 lumber 4190 forest products nec 4331 sand & gravel 4420 iron & steel scrap 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5330 i&s plates & sheets 5370 i&s pipe & tube 5480 fab. metal products 6134 fish (not shellfish) 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products	9 9 0 1 0 0 0 0 0 0 2 1 0 0 0 0 228 0 1 0 0 2 2 0 15 1 1 2 1 0 1 1 0

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
PERIL STRAIT, AK - continued	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	24
	Total Tons(x1000)	305
	Total Ton-miles(x1000)	13,409
PRINCE OF WALES IS. WEST SIDE, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	4170 wood in the rough	541
	4189 lumber	0
	5480 fab. metal products	0
	7110 machinery (not elec)	1
	7210 vehicles & parts	0
	7230 ships & boats	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	543
REVILLAGIGADO CHANNEL, AK	1100 coal lignite	0
	2211 gasoline	77
	2330 distillate fuel oil	70
	2340 residual fuel oil	49
	2350 lube oil & greases	5
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	0
	2640 liquid natural gas	127
	2990 petro. products nec	2
	3110 nitrogenous fert.	3
	3211 acyclic hydrocarbons	0
	3220 alcohols	0
	3230 carboxylic acids	0
	3250 organo - inorg. comp.	1
	3260 organic comp. nec	0
	3273 ammonia	58
	3276 metallic salts	9
	3282 pigments & paints	2
	3286 plastics	1
	3293 explosives	0
	3299 chem. products nec	6
	4110 rubber & gums	0
	4150 fuel wood	12
	4161 wood chips	22
	4170 wood in the rough	189
	4189 lumber	39
	4190 forest products nec	2
	4225 pulp & waste paper	7
	4322 limestone	0
	4331 sand & gravel	12
	4420 iron & steel scrap	1
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	8
	5190 paper products nec	4
	5210 lime	0
	5220 cement & concrete	7
	5240 glass & glass prod.	2
	5290 misc. mineral prod.	30
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	1
	5480 fab. metal products	29
	6134 fish (not shellfish)	26
	6136 shellfish	1
	6654 vegetables & prod.	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
6835 fish, prepared	25	
6858 fruit juices	0	
6885 alcoholic beverages	16	
6887 groceries	29	
6889 food products nec	28	
7110 machinery (not elec)	10	
7120 electrical machinery	8	
7210 vehicles & parts	15	
7230 ships & boats	2	
7400 manufac. wood prod.	35	
7500 textile products	1	
7600 rubber & plastic pr.	2	
7800 empty containers	0	

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons	
REVILLAGIGADO CHANNEL, AK - continued	7900 manufac. prod. nec	194	
	8900 waste and scrap nec	0	
	9900 unknown or nec	1	
	Total Tons(x1000)	1,169	
	Total Ton-miles(x1000)	46,984	
STEPHENS PASSAGE, AK	2211 gasoline	55	
	2330 distillate fuel oil	33	
	2350 lube oil & greases	3	
	2990 petro. products nec	1	
	3110 nitrogenous fert.	1	
	3211 acyclic hydrocarbons	0	
	3230 carboxylic acids	0	
	3272 sulphuric acid	0	
	3276 metallic salts	1	
	3282 pigments & paints	2	
	3284 medicines	0	
	3286 plastics	0	
	3293 explosives	0	
	3299 chem. products nec	2	
	4189 lumber	9	
	4190 forest products nec	1	
	4322 limestone	0	
	4331 sand & gravel	7	
	4338 soil & fill dirt	0	
	4420 iron & steel scrap	1	
	4900 non-metal. min. nec	0	
	5190 paper products nec	2	
	5210 lime	0	
	5220 cement & concrete	5	
	5290 misc. mineral prod.	5	
	5330 i&s plates & sheets	0	
	5370 i&s pipe & tube	1	
	5480 fab. metal products	7	
	6134 fish (not shellfish)	70	
	6136 shellfish	0	
	6654 vegetables & prod.	0	
	6782 animal feed, prep.	2	
	6811 meat, fresh, frozen	0	
	6835 fish, prepared	20	
	6838 tallow, animal oils	1	
	6858 fruit juices	0	
	6885 alcoholic beverages	13	
	6887 groceries	16	
	6889 food products nec	7	
	7110 machinery (not elec)	4	
	7120 electrical machinery	2	
	7210 vehicles & parts	4	
	7230 ships & boats	1	
	7400 manufac. wood prod.	7	
	7500 textile products	0	
	7600 rubber & plastic pr.	2	
	7900 manufac. prod. nec	76	
	9900 unknown or nec	0	
		Total Tons(x1000)	360
		Total Ton-miles(x1000)	24,743
	SUMNER STRAIT, AK	1100 coal lignite	0
		2211 gasoline	51
		2330 distillate fuel oil	58
		2350 lube oil & greases	4
		2430 asphalt, tar & pitch	1
		2640 liquid natural gas	0
		2990 petro. products nec	1
		3110 nitrogenous fert.	2
		3211 acyclic hydrocarbons	0
		3276 metallic salts	1
		3282 pigments & paints	2
3286 plastics		1	
3293 explosives		1	
3299 chem. products nec		5	
4110 rubber & gums		0	
4161 wood chips		7	
4170 wood in the rough	1		
4189 lumber	37		
4190 forest products nec	2		
4225 pulp & waste paper	0		

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons	
SUMNER STRAIT, AK - continued	4322 limestone	0	
	4331 sand & gravel	3	
	4338 soil & fill dirt	0	
	4420 iron & steel scrap	1	
	4782 clay & refrac. mat.	0	
	4900 non-metal. min. nec	2	
	5190 paper products nec	4	
	5210 lime	0	
	5220 cement & concrete	7	
	5240 glass & glass prod.	1	
	5290 misc. mineral prod.	31	
	5330 i&s plates & sheets	0	
	5370 i&s pipe & tube	1	
	5480 fab. metal products	21	
	6134 fish (not shellfish)	13	
	6136 shellfish	1	
	6654 vegetables & prod.	0	
	6782 animal feed, prep.	0	
	6811 meat, fresh, frozen	0	
	6835 fish, prepared	19	
	6858 fruit juices	0	
	6885 alcoholic beverages	14	
	6887 groceries	25	
	6889 food products nec	13	
	7110 machinery (not elec)	10	
	7120 electrical machinery	6	
	7210 vehicles & parts	9	
	7230 ships & boats	2	
	7400 manufac. wood prod.	35	
	7500 textile products	1	
	7600 rubber & plastic pr.	2	
	7900 manufac. prod. nec	129	
	8900 waste and scrap nec	0	
	Total Tons(x1000)	523	
	Total Ton-miles(x1000)	15,326	
	TONGASS NARROWS, AK	1100 coal lignite	0
		2211 gasoline	119
		2330 distillate fuel oil	113
		2350 lube oil & greases	5
		2430 asphalt, tar & pitch	1
2540 petroleum coke		0	
2640 liquid natural gas		44	
2990 petro. products nec		1	
3110 nitrogenous fert.		3	
3211 acyclic hydrocarbons		0	
3220 alcohols		0	
3230 carboxylic acids		0	
3250 organo - inorg. comp.		1	
3260 organic comp. nec		0	
3273 ammonia		29	
3276 metallic salts		9	
3282 pigments & paints		2	
3286 plastics		1	
3293 explosives		1	
3299 chem. products nec		5	
4110 rubber & gums		0	
4150 fuel wood		12	
4161 wood chips		21	
4170 wood in the rough		283	
4189 lumber		41	
4190 forest products nec		2	
4225 pulp & waste paper		0	
4322 limestone		0	
4331 sand & gravel		12	
4420 iron & steel scrap		1	
4782 clay & refrac. mat.		0	
4900 non-metal. min. nec		8	
5190 paper products nec		4	
5210 lime		0	
5220 cement & concrete		7	
5240 glass & glass prod.		2	
5290 misc. mineral prod.		32	
5330 i&s plates & sheets		0	
5360 i&s bars & shapes		0	
5370 i&s pipe & tube		1	
5480 fab. metal products	28		
6134 fish (not shellfish)	24		

Other Harbors and Waterways 2000 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
TONGASS NARROWS, AK - continued	6136 shellfish	1
	6654 vegetables & prod.	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	23
	6858 fruit juices	0
	6885 alcoholic beverages	16
	6887 groceries	29
	6889 food products nec	28
	7110 machinery (not elec)	19
	7120 electrical machinery	8
	7210 vehicles & parts	15
	7230 ships & boats	2
	7400 manufac. wood prod.	37
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7800 empty containers	0
	7900 manufac. prod. nec	197
	8900 waste and scrap nec	0
	9900 unknown or nec	1
	Total Tons(x1000)	1,191
	Total Ton-miles(x1000)	10,865

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2000
(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												
Grand Total	13,540	10,396	19	2,867	170	88	13,514	10,397	17	2,859	158	83
	Inbound						Outbound					
FOREIGN												
Total	964	650	—	200	76	38	959	652	1	195	73	38
38	3	3	—	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	2	2	—	—	—	—
36	2	2	—	—	—	—	2	2	—	—	—	—
35	2	2	—	—	—	—	2	2	—	—	—	—
34	20	20	—	—	—	—	2	2	—	—	—	—
33	7	7	—	—	—	—	8	8	—	—	—	—
32	4	4	—	—	—	—	4	4	—	—	—	—
31	—	—	—	—	—	—	3	3	—	—	—	—
30	4	4	—	—	—	—	4	4	—	—	—	—
29	7	7	—	—	—	—	6	6	—	—	—	—
28	15	15	—	—	—	—	13	13	—	—	—	—
27	24	24	—	—	—	—	15	15	—	—	—	—
26	115	115	—	—	—	—	148	138	—	10	—	—
25	47	46	—	1	—	—	44	42	1	1	—	—
24	54	54	—	—	—	—	49	49	—	—	—	—
23	67	67	—	—	—	—	70	70	—	—	—	—
22	19	19	—	—	—	—	33	33	—	—	—	—
21	14	14	—	—	—	—	15	15	—	—	—	—
20	10	9	—	—	1	—	13	13	—	—	—	—
19	11	10	—	—	1	—	6	6	—	—	—	—
≤ 18	539	228	—	199	74	38	519	224	—	184	73	38
DOMESTIC												
Total	12,576	9,746	19	2,667	94	50	12,555	9,745	16	2,664	85	45
36	2	—	2	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
27	5	—	5	—	—	—	—	—	—	—	—	—
26	2	—	2	—	—	—	—	—	—	—	—	—
25	2	—	2	—	—	—	1	—	1	—	—	—
23	3	—	3	—	—	—	—	—	—	—	—	—
21	1	—	1	—	—	—	—	—	—	—	—	—
20	3	—	2	1	—	—	6	—	5	1	—	—
19	14	—	—	13	—	1	15	—	—	15	—	—
≤ 18	12,542	9,746	—	2,653	94	49	12,533	9,745	10	2,648	85	45
										Total trips:		27,054
LONG BEACH HARBOR, CA												
Grand Total	29,853	5,738	675	19,664	2,620	1,156	29,641	5,534	649	19,678	2,645	1,135
	Inbound						Outbound					
FOREIGN												
Total	2,538	2,100	393	26	19	—	2,575	2,130	398	26	21	—
56	3	—	3	—	—	—	1	—	1	—	—	—
55	4	—	4	—	—	—	—	—	—	—	—	—
54	2	—	2	—	—	—	—	—	—	—	—	—
53	2	1	1	—	—	—	—	—	—	—	—	—
52	3	—	3	—	—	—	—	—	—	—	—	—
51	1	1	—	—	—	—	1	—	1	—	—	—
50	1	—	1	—	—	—	—	—	—	—	—	—
49	3	—	3	—	—	—	—	—	—	—	—	—
48	6	—	6	—	—	—	—	—	—	—	—	—
47	3	1	2	—	—	—	2	1	1	—	—	—
46	1	—	1	—	—	—	1	—	1	—	—	—
45	4	—	4	—	—	—	3	—	3	—	—	—
44	4	2	2	—	—	—	3	—	3	—	—	—
43	3	1	2	—	—	—	4	3	1	—	—	—
42	30	17	13	—	—	—	2	1	1	—	—	—
41	31	20	11	—	—	—	16	16	—	—	—	—
40	72	49	23	—	—	—	51	41	10	—	—	—
39	98	80	17	1	—	—	59	53	6	—	—	—
38	141	93	48	—	—	—	112	103	9	—	—	—

Trips and Drafts of Vessels, 2000
(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

37	135	89	46	—	—	—	62	57	5	—	—	—
36	141	110	31	—	—	—	102	85	17	—	—	—
35	144	118	26	—	—	—	105	100	4	—	1	—
34	185	166	19	—	—	—	154	140	14	—	—	—
33	203	175	27	—	1	—	142	122	20	—	—	—
32	157	145	12	—	—	—	195	186	9	—	—	—
31	80	74	6	—	—	—	93	84	9	—	—	—
30	84	72	12	—	—	—	143	107	36	—	—	—
29	118	113	5	—	—	—	96	75	21	—	—	—
28	157	150	7	—	—	—	271	220	51	—	—	—
27	151	138	13	—	—	—	139	106	33	—	—	—
26	137	130	7	—	—	—	194	162	32	—	—	—
25	80	72	8	—	—	—	109	78	31	—	—	—
24	97	90	7	—	—	—	172	131	41	—	—	—
23	57	55	2	—	—	—	79	71	8	—	—	—
22	52	47	5	—	—	—	61	54	7	—	—	—
21	32	27	5	—	—	—	58	48	10	—	—	—
20	28	27	1	—	—	—	29	26	3	—	—	—
19	17	13	4	—	—	—	27	25	2	—	—	—
≤ 18	71	24	4	25	18	—	89	35	8	26	20	—

DOMESTIC

Total	27,315	3,638	282	19,638	2,601	1,156	27,066	3,404	251	19,652	2,624	1,135
60	16	—	16	—	—	—	—	—	—	—	—	—
59	15	—	15	—	—	—	—	—	—	—	—	—
58	6	—	6	—	—	—	—	—	—	—	—	—
57	2	—	2	—	—	—	—	—	—	—	—	—
55	2	—	2	—	—	—	—	—	—	—	—	—
54	2	—	2	—	—	—	—	—	—	—	—	—
53	2	—	2	—	—	—	—	—	—	—	—	—
52	2	—	2	—	—	—	—	—	—	—	—	—
51	1	—	1	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
48	6	—	6	—	—	—	—	—	—	—	—	—
47	2	—	2	—	—	—	—	—	—	—	—	—
46	2	—	2	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	2	—	2	—	—	—	2	—	2	—	—	—
43	—	—	—	—	—	—	3	—	3	—	—	—
41	4	—	4	—	—	—	1	—	1	—	—	—
40	14	—	14	—	—	—	2	—	2	—	—	—
39	7	—	7	—	—	—	2	—	2	—	—	—
38	10	—	10	—	—	—	3	—	3	—	—	—
37	13	—	13	—	—	—	—	—	2	—	—	—
36	7	—	7	—	—	—	17	1	16	—	—	—
35	9	—	9	—	—	—	20	4	16	—	—	—
34	9	—	9	—	—	—	9	2	7	—	—	—
33	4	—	4	—	—	—	15	7	8	—	—	—
32	7	—	7	—	—	—	14	8	6	—	—	—
31	6	—	6	—	—	—	22	11	11	—	—	—
30	8	—	8	—	—	—	13	8	5	—	—	—
29	4	—	4	—	—	—	8	2	6	—	—	—
28	8	3	5	—	—	—	10	—	10	—	—	—
27	11	8	3	—	—	—	4	—	4	—	—	—
26	12	12	—	—	—	—	3	1	2	—	—	—
25	20	15	5	—	—	—	1	—	1	—	—	—
24	6	5	1	—	—	—	—	—	—	—	—	—
23	4	2	2	—	—	—	4	—	3	—	—	1
22	4	2	1	—	—	1	21	—	16	—	—	5
21	7	—	3	—	—	4	50	—	17	31	—	2
20	32	—	4	27	—	1	46	—	1	29	—	16
19	42	—	1	30	—	11	—	—	—	—	—	—
≤ 18	27,005	3,591	93	19,581	2,601	1,139	26,792	3,360	105	19,592	2,624	1,111
										Total trips:		59,494

Trips and Drafts of Vessels, 2000
(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

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	24,411	7,590	429	14,451	609	1,332	24,434	7,659	437	14,423	576	1,339

FOREIGN

Total	2,721	2,466	220	30	3	2	2,789	2,535	235	17	2	---
54	5	---	5	---	---	---	1	---	1	---	---	---
52	1	---	1	---	---	---	1	---	1	---	---	---
51	1	---	1	---	---	---	1	---	1	---	---	---
50	---	---	---	---	---	---	2	1	1	---	---	---
49	---	---	---	---	---	---	3	3	---	---	---	---
48	---	---	---	---	---	---	2	1	1	---	---	---
47	1	---	1	---	---	---	---	---	---	---	---	---
46	1	1	---	---	---	---	---	---	---	---	---	---
45	1	---	1	---	---	---	4	4	---	---	---	---
44	1	---	1	---	---	---	2	1	1	---	---	---
43	3	2	1	---	---	---	14	13	1	---	---	---
42	4	4	---	---	---	---	5	4	1	---	---	---
41	27	24	3	---	---	---	5	4	1	---	---	---
40	45	42	3	---	---	---	20	20	---	---	---	---
39	69	61	8	---	---	---	42	37	5	---	---	---
38	109	84	25	---	---	---	62	54	8	---	---	---
37	156	128	28	---	---	---	73	68	5	---	---	---
36	145	137	8	---	---	---	71	66	5	---	---	---
35	151	133	18	---	---	---	119	109	10	---	---	---
34	153	136	17	---	---	---	103	85	17	1	---	---
33	177	166	11	---	---	---	147	138	9	---	---	---
32	121	105	16	---	---	---	246	238	8	---	---	---
31	103	97	6	---	---	---	122	120	2	---	---	---
30	120	113	7	---	---	---	113	102	11	---	---	---
29	108	102	6	---	---	---	95	85	10	---	---	---
28	129	124	5	---	---	---	221	206	15	---	---	---
27	132	125	7	---	---	---	150	136	14	---	---	---
26	168	163	5	---	---	---	179	163	16	---	---	---
25	294	289	5	---	---	---	314	291	23	---	---	---
24	105	96	9	---	---	---	168	142	26	---	---	---
23	200	194	6	---	---	---	214	203	11	---	---	---
≤ 22	191	140	16	30	3	2	290	241	31	16	2	---

DOMESTIC

Total	21,690	5,124	209	14,421	606	1,330	21,645	5,124	202	14,406	574	1,339
39	2	---	2	---	---	---	3	1	2	---	---	---
38	1	---	1	---	---	---	3	---	3	---	---	---
37	2	1	1	---	---	---	2	2	---	---	---	---
36	10	3	7	---	---	---	---	---	---	---	---	---
35	11	8	3	---	---	---	8	8	---	---	---	---
34	14	6	8	---	---	---	15	12	3	---	---	---
33	6	4	2	---	---	---	17	15	2	---	---	---
32	15	8	7	---	---	---	20	19	1	---	---	---
31	19	10	9	---	---	---	37	31	6	---	---	---
30	18	13	5	---	---	---	29	25	4	---	---	---
29	13	10	3	---	---	---	23	17	6	---	---	---
28	34	29	5	---	---	---	18	15	3	---	---	---
27	32	27	4	---	---	1	12	9	3	---	---	---
26	31	27	2	---	---	2	12	10	1	---	---	---
25	17	15	1	---	---	1	18	16	2	---	---	1
24	6	5	1	---	---	---	2	2	---	---	---	---
23	8	5	1	---	---	---	2	2	---	---	---	---
≤ 22	21,451	4,953	147	14,421	606	1,324	21,422	4,941	163	14,406	574	1,338

Total trips: 48,845

PORT HUENEME, CA

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	2,830	2,683	6	64	66	11	2,804	2,655	5	66	66	12

FOREIGN

Total	296	290	6	---	---	---	267	262	5	---	---	---
34	2	1	1	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2000
(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												
33	3	2	1	—	—	—	1	1	—	—	—	—
32	4	3	1	—	—	—	—	—	—	—	—	—
31	3	2	1	—	—	—	2	1	1	—	—	—
30	8	6	2	—	—	—	2	2	—	—	—	—
29	12	12	—	—	—	—	6	5	1	—	—	—
28	33	33	—	—	—	—	51	51	—	—	—	—
27	34	34	—	—	—	—	22	21	1	—	—	—
26	42	42	—	—	—	—	27	27	—	—	—	—
25	54	54	—	—	—	—	26	25	1	—	—	—
24	51	51	—	—	—	—	41	40	1	—	—	—
23	20	20	—	—	—	—	21	21	—	—	—	—
22	13	13	—	—	—	—	18	18	—	—	—	—
21	5	5	—	—	—	—	23	23	—	—	—	—
20	5	5	—	—	—	—	11	11	—	—	—	—
19	2	2	—	—	—	—	2	2	—	—	—	—
≤ 18	5	5	—	—	—	—	14	14	—	—	—	—
DOMESTIC												
Total	2,534	2,393	—	64	66	11	2,537	2,393	—	66	66	12
20	—	—	—	—	—	—	1	—	—	1	—	—
19	1	—	—	—	—	1	1	—	—	—	—	1
≤ 18	2,533	2,393	—	64	66	10	2,535	2,393	—	65	66	11
										Total trips:		5,634

MISSION BAY, CA
No Vessel Trips Reported

MORRO BAY HARBOR, CA
(11 feet and less)

	Inbound						Outbound					
Grand Total	7	2	—	1	4	—	10	2	—	3	5	—
										Total trips:		17

NEWPORT BAY HARBOR, CA
(22 feet and less)

	Inbound						Outbound					
Grand Total	323	322	—	1	—	—	323	322	1	—	—	—
										Total trips:		646

REDONDO BEACH, CA
(7 feet and less)

	Inbound						Outbound					
Grand Total	333	—	—	138	195	—	334	1	—	138	195	—
										Total trips:		667

SANTA BARBARA HARBOR, CA
No Vessel Trips Reported

ELLWOOD, CA
(18 feet and less)

	Inbound						Outbound					
Grand Total	7,423	7,376	—	20	—	27	7,570	7,523	—	20	—	27
										Total trips:		14,993

Trips and Drafts of Vessels, 2000
(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	1,453	1,351	6	61	35	—	1,479	1,373	2	65	39	—
FOREIGN												
Total	32	26	6	—	—	—	50	48	2	—	—	—
31	2	1	1	—	—	—	1	1	—	—	—	—
30	2	—	2	—	—	—	5	5	—	—	—	—
29	4	3	1	—	—	—	14	14	—	—	—	—
28	3	3	—	—	—	—	8	8	—	—	—	—
27	5	4	1	—	—	—	3	2	1	—	—	—
26	2	1	1	—	—	—	4	4	—	—	—	—
25	2	2	—	—	—	—	5	5	—	—	—	—
24	1	1	—	—	—	—	5	5	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	2	2	—	—	—	—	3	2	1	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	6	6	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	1,421	1,325	—	61	35	—	1,429	1,325	—	65	39	—
20	1	—	—	1	—	—	1	—	—	1	—	—
9	16	—	—	16	—	—	16	—	—	16	—	—
8	18	—	—	10	8	—	10	—	—	10	—	—
≤ 6	1,386	1,325	—	34	27	—	1,402	1,325	—	38	39	—
											Total trips:	2,932

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA

	Upbound						Downbound					
Grand Total	34	26	6	1	1	—	52	48	2	1	1	—
FOREIGN												
Total	32	26	6	—	—	—	50	48	2	—	—	—
31	2	1	1	—	—	—	1	1	—	—	—	—
30	2	—	2	—	—	—	5	5	—	—	—	—
29	4	3	1	—	—	—	14	14	—	—	—	—
28	3	3	—	—	—	—	8	8	—	—	—	—
27	5	4	1	—	—	—	3	2	1	—	—	—
26	2	1	1	—	—	—	4	4	—	—	—	—
25	2	2	—	—	—	—	5	5	—	—	—	—
24	1	1	—	—	—	—	5	5	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	2	2	—	—	—	—	3	2	1	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	6	6	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	2	—	—	1	1	—	2	—	—	1	1	—
20	1	—	—	1	—	—	1	—	—	1	—	—
≤ 6	1	—	—	—	1	—	1	—	—	—	1	—
											Total trips:	86

SACRAMENTO, CA

	Inbound						Outbound					
Grand Total	1,359	1,351	6	1	1	—	1,377	1,373	2	1	1	—
FOREIGN												
Total	32	26	6	—	—	—	50	48	2	—	—	—
31	2	1	1	—	—	—	1	1	—	—	—	—
30	2	—	2	—	—	—	5	5	—	—	—	—

Trips and Drafts of Vessels, 2000
(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 - continued

	Inbound						Outbound					
FOREIGN												
29	4	3	1	—	—	—	14	14	—	—	—	—
28	3	3	—	—	—	—	8	8	—	—	—	—
27	5	4	1	—	—	—	3	2	1	—	—	—
26	2	1	1	—	—	—	4	4	—	—	—	—
25	2	2	—	—	—	—	5	5	—	—	—	—
24	1	1	—	—	—	—	5	5	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	2	2	—	—	—	—	3	2	1	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	6	6	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	1,327	1,325	—	1	1	—	1,327	1,325	—	1	1	—
20	—	—	—	1	—	—	1	—	—	1	—	—
≤ 6	1,326	1,325	—	—	1	—	1,326	1,325	—	—	1	—
											Total trips:	2,736

SAN JOAQUIN RIVER, CA

	Upbound						Downbound					
Grand Total	389	117	32	162	23	55	294	73	11	138	19	53
FOREIGN												
Total	130	99	30	—	1	—	73	64	8	1	—	—
36	1	1	—	—	—	—	1	1	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	7	7	—	—	—	—	1	1	—	—	—	—
33	20	15	5	—	—	—	11	11	—	—	—	—
32	7	6	1	—	—	—	2	2	—	—	—	—
31	30	23	7	—	—	—	4	4	—	—	—	—
30	17	13	4	—	—	—	5	5	—	—	—	—
29	4	3	1	—	—	—	3	3	—	—	—	—
28	9	6	3	—	—	—	2	1	1	—	—	—
27	7	5	2	—	—	—	7	7	—	—	—	—
26	4	2	2	—	—	—	7	6	1	—	—	—
25	3	2	1	—	—	—	6	6	—	—	—	—
24	2	2	—	—	—	—	4	1	3	—	—	—
23	5	5	—	—	—	—	9	9	—	—	—	—
22	4	1	3	—	—	—	3	2	1	—	—	—
21	3	3	—	—	—	—	—	—	1	—	—	—
20	5	4	1	—	—	—	1	—	—	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	3	2	1	—	—	—
15	—	—	—	—	—	—	1	—	—	1	—	—
14	1	—	—	—	—	1	—	—	—	—	—	—
DOMESTIC												
Total	259	18	2	162	22	55	221	9	3	137	19	53
33	1	—	1	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	1	—	1	—	—	—
21	—	—	—	—	—	—	1	—	—	—	—	1
20	4	—	—	4	—	—	4	—	—	4	—	—
19	—	—	—	—	—	—	7	—	—	—	—	7
18	1	—	—	—	—	1	—	—	—	—	—	—
17	19	—	—	18	—	1	25	—	—	25	—	—
16	14	—	—	13	—	1	10	—	—	8	—	2
15	13	—	—	12	—	1	12	—	—	12	—	—
13	20	—	—	19	—	1	18	—	—	18	—	—
≤ 12	186	18	—	96	22	50	141	9	—	70	19	43
											Total trips:	683

Trips and Drafts of Vessels, 2000
(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	207	70	29	62	---	46	138	32	9	55	---	42	
FOREIGN													
Total	94	65	29	---	---	---	35	27	8	---	---	---	
36	1	1	---	---	---	---	---	---	8	---	---	---	
34	6	6	---	---	---	---	---	---	---	---	---	---	
33	20	15	5	---	---	---	2	2	---	---	---	---	
32	4	3	1	---	---	---	2	2	---	---	---	---	
31	16	9	7	---	---	---	2	2	---	---	---	---	
30	8	4	4	---	---	---	3	3	---	---	---	---	
29	3	2	1	---	---	---	3	3	---	---	---	---	
28	7	5	2	---	---	---	2	1	1	---	---	---	
27	6	4	2	---	---	---	5	5	---	---	---	---	
26	4	2	2	---	---	---	2	1	1	---	---	---	
25	3	2	1	---	---	---	---	---	---	---	---	---	
24	2	2	---	---	---	---	3	---	3	---	---	---	
23	4	4	---	---	---	---	3	3	---	---	---	---	
22	3	---	3	---	---	---	2	1	1	---	---	---	
21	3	3	---	---	---	---	---	---	---	---	---	---	
20	4	3	1	---	---	---	1	---	1	---	---	---	
19	---	---	---	---	---	---	2	2	---	---	---	---	
≤ 18	---	---	---	---	---	---	3	2	1	---	---	---	
DOMESTIC													
Total	113	5	---	62	---	46	103	5	1	55	---	42	
27	---	---	---	---	---	---	1	---	1	---	---	---	
≤ 18	113	5	---	62	---	46	102	5	---	55	---	42	
											Total trips:	345	

MIDDLE RIVER, CA
No Vessel Trips Reported

MOKELUMNE RIVER, CA
(6 feet and less)

Grand Total	Upbound				Downbound				Total trips:	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug		
4	4	---	---	---	5	5	---	---		9

OLD RIVER, CA
(6 feet and less)

Grand Total	Upbound				Downbound				Total trips:	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug		
1	1	---	---	---	1	1	---	---		2

Trips and Drafts of Vessels, 2000
(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	3,797	2,601	653	310	21	212	3,744	2,539	646	310	12	237
FOREIGN												
Total	2,756	2,311	428	8	8	1	2,688	2,259	417	6	6	—
48	2	—	2	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	1	—	1	—	—	—
43	18	5	13	—	—	—	—	—	—	—	—	—
42	17	6	11	—	—	—	9	9	—	—	—	—
41	20	16	4	—	—	—	6	5	1	—	—	—
40	22	12	10	—	—	—	32	29	3	—	—	—
39	32	25	7	—	—	—	26	25	1	—	—	—
38	82	65	17	—	—	—	66	56	10	—	—	—
37	63	44	19	—	—	—	43	41	2	—	—	—
36	99	69	30	—	—	—	102	92	10	—	—	—
35	126	97	29	—	—	—	138	127	11	—	—	—
34	178	157	21	—	—	—	186	176	10	—	—	—
33	261	240	21	—	—	—	343	291	52	—	—	—
32	238	223	15	—	—	—	211	181	30	—	—	—
31	228	197	31	—	—	—	160	154	6	—	—	—
30	192	162	29	—	—	1	220	193	27	—	—	—
29	212	187	25	—	—	—	138	128	10	—	—	—
28	160	137	23	—	—	—	141	113	27	—	1	—
27	177	145	31	—	—	1	178	124	53	—	1	—
26	114	82	32	—	—	—	163	107	56	—	—	—
25	108	87	21	—	—	—	121	99	22	—	—	—
24	89	79	10	—	—	—	105	73	31	—	1	—
23	84	77	7	—	—	—	97	88	9	—	—	—
22	59	50	6	—	—	2	73	55	17	—	1	—
21	42	42	—	—	—	—	32	30	2	—	—	—
20	51	49	2	—	—	—	32	24	8	—	—	—
19	28	24	4	—	—	—	25	17	8	—	—	—
≤ 18	52	34	6	8	4	—	40	22	10	6	2	—
DOMESTIC												
Total	1,041	290	225	302	13	211	1,056	280	229	304	6	237
49	1	—	1	—	—	—	1	—	1	—	—	—
48	5	—	5	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
46	3	—	3	—	—	—	1	—	1	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	2	—	2	—	—	—	—	—	—	—	—	—
43	4	—	4	—	—	—	1	—	1	—	—	—
42	5	—	5	—	—	—	2	—	2	—	—	—
41	4	—	4	—	—	—	2	—	2	—	—	—
40	4	—	4	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	24	—	24	—	—	—	2	—	2	—	—	—
37	10	1	9	—	—	—	10	2	8	—	—	—
36	13	3	10	—	—	—	25	20	5	—	—	—
35	22	8	14	—	—	—	36	18	18	—	—	—
34	39	21	18	—	—	—	49	35	14	—	—	—
33	41	27	14	—	—	—	45	35	10	—	—	—
32	32	22	10	—	—	—	49	31	18	—	—	—
31	25	15	10	—	—	—	29	20	9	—	—	—
30	30	18	12	—	—	—	24	15	9	—	—	—
29	43	36	7	—	—	—	12	9	3	—	—	—
28	51	37	14	—	—	—	16	10	6	—	—	—
27	34	26	8	—	—	—	24	14	9	—	—	1
26	32	25	6	—	—	1	26	12	12	—	—	2
25	35	20	15	—	—	—	55	22	32	—	—	1
24	9	6	3	—	—	—	13	9	4	—	—	—
23	3	3	—	—	—	—	22	4	17	—	—	1
22	3	1	—	—	—	2	7	3	4	—	—	—
21	15	—	3	—	—	12	11	—	—	—	—	11
20	43	—	7	31	—	5	44	—	8	30	—	6
19	19	—	1	1	—	17	36	—	1	—	—	34
≤ 18	485	21	7	270	13	174	514	21	33	273	6	181
										Total trips:		7,541

Trips and Drafts of Vessels, 2000
(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	28,562	27,990	96	382	64	30	28,752	28,008	287	359	65	33

FOREIGN

Total	442	338	94	7	2	1	707	416	285	4	2	—
44	—	—	—	—	—	—	1	—	1	—	—	—
43	1	1	—	—	—	—	—	—	—	—	—	—
42	—	—	—	—	—	—	1	1	—	—	—	—
40	3	—	3	—	—	—	2	—	2	—	—	—
39	4	2	2	—	—	—	3	2	1	—	—	—
38	6	1	5	—	—	—	3	—	3	—	—	—
37	3	—	3	—	—	—	2	—	2	—	—	—
36	8	1	7	—	—	—	4	1	3	—	—	—
35	9	3	6	—	—	—	11	5	6	—	—	—
34	5	3	2	—	—	—	12	6	6	—	—	—
33	8	6	2	—	—	—	41	8	33	—	—	—
32	15	12	3	—	—	—	36	15	21	—	—	—
31	17	14	3	—	—	—	20	16	4	—	—	—
30	18	14	3	—	—	—	52	31	21	—	—	—
29	29	23	6	—	—	—	40	31	9	—	—	—
28	33	28	5	—	—	—	38	24	14	—	—	—
27	61	49	12	—	—	—	96	56	40	—	—	—
26	29	19	10	—	—	—	83	42	41	—	—	—
25	26	17	9	—	—	—	52	39	13	—	—	—
24	31	26	5	—	—	—	49	28	21	—	—	—
23	17	17	—	—	—	—	34	27	7	—	—	—
≤ 22	119	102	8	7	1	1	127	84	37	4	2	—

DOMESTIC

Total	28,120	27,652	2	375	62	29	28,045	27,592	2	355	63	33
30	2	—	2	—	—	—	2	—	2	—	—	—
≤ 22	28,118	27,652	—	375	62	29	28,043	27,592	—	355	63	33

Total trips: 57,314

REDWOOD CITY HARBOR, CA

	Inbound						Outbound					
Grand Total	215	33	—	144	32	6	211	21	—	149	34	7

FOREIGN

Total	19	18	—	1	—	—	10	7	—	1	2	—
33	3	3	—	—	—	—	2	2	—	—	—	—
32	6	6	—	—	—	—	2	2	—	—	—	—
31	2	2	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	1	1	—	—	—	—
29	4	4	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	1	—	—	—	—	—
26	2	2	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1	—	—	—	—	—
≤ 22	2	1	—	1	—	—	1	—	1	—	—	—

DOMESTIC

Total	196	15	—	143	32	6	201	14	—	148	32	7
≤ 22	196	15	—	143	32	6	201	14	—	148	32	7

Total trips: 426

OAKLAND HARBOR, CA

	Inbound						Outbound					
Grand Total	6,555	3,798	11	2,243	467	36	6,438	3,693	10	2,244	450	41

FOREIGN

Total	1,737	1,724	11	—	2	—	1,659	1,648	10	—	1	—
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Trips and Drafts of Vessels, 2000
(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 - continued

Inbound							Outbound					
FOREIGN												
43	4	4	—	—	—	—	—	—	—	—	—	—
42	6	5	1	—	—	—	8	8	—	—	—	—
41	15	15	—	—	—	—	5	5	—	—	—	—
40	10	10	—	—	—	—	29	29	—	—	—	—
39	24	23	1	—	—	—	23	23	—	—	—	—
38	61	61	—	—	—	—	56	56	—	—	—	—
37	37	37	—	—	—	—	41	41	—	—	—	—
36	65	65	—	—	—	—	86	86	—	—	—	—
35	91	91	—	—	—	—	120	118	2	—	—	—
34	141	141	—	—	—	—	168	168	—	—	—	—
33	211	211	—	—	—	—	269	269	—	—	—	—
32	195	195	—	—	—	—	162	161	1	—	—	—
31	150	149	1	—	—	—	121	121	—	—	—	—
30	134	131	3	—	—	—	147	147	—	—	—	—
29	146	145	1	—	—	—	75	75	—	—	—	—
28	95	95	—	—	—	—	74	73	1	—	—	—
27	80	77	3	—	—	—	56	55	1	—	—	—
26	54	54	—	—	—	—	45	43	2	—	—	—
25	59	58	1	—	—	—	46	45	1	—	—	—
24	42	42	—	—	—	—	36	35	1	—	—	—
23	50	50	—	—	—	—	47	46	1	—	—	—
≤ 22	67	65	—	—	2	—	45	44	—	—	1	—

DOMESTIC

Total	4,818	2,074	—	2,243	465	36	4,779	2,045	—	2,244	449	41
37	1	1	—	—	—	—	4	4	—	—	—	—
36	3	3	—	—	—	—	31	31	—	—	—	—
35	12	12	—	—	—	—	34	34	—	—	—	—
34	20	20	—	—	—	—	32	32	—	—	—	—
33	27	27	—	—	—	—	31	31	—	—	—	—
32	22	22	—	—	—	—	30	30	—	—	—	—
31	16	16	—	—	—	—	10	10	—	—	—	—
30	18	18	—	—	—	—	12	12	—	—	—	—
29	33	33	—	—	—	—	4	4	—	—	—	—
28	40	40	—	—	—	—	10	10	—	—	—	—
27	26	26	—	—	—	—	15	15	—	—	—	—
26	17	17	—	—	—	—	15	15	—	—	—	—
25	17	17	—	—	—	—	15	15	—	—	—	—
24	7	7	—	—	—	—	4	4	—	—	—	—
23	1	1	—	—	—	—	3	3	—	—	—	—
≤ 22	4,558	1,814	—	2,243	465	36	4,529	1,795	—	2,244	449	41
										Total trips:		12,993

RICHMOND HARBOR, CA

Inbound							Outbound					
Grand Total	5,626	695	353	4,300	29	249	5,535	656	262	4,315	32	270
FOREIGN												
Total	254	74	178	—	2	—	123	34	88	—	1	—
48	2	—	2	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	13	—	13	—	—	—	—	—	—	—	—	—
42	11	1	10	—	—	—	—	—	—	—	—	—
41	5	1	4	—	—	—	1	—	1	—	—	—
40	9	2	7	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	14	3	11	—	—	—	7	—	7	—	—	—
37	14	7	7	—	—	—	—	—	—	—	—	—
36	9	2	7	—	—	—	7	3	4	—	—	—
35	14	2	12	—	—	—	5	2	3	—	—	—
34	16	3	13	—	—	—	4	1	3	—	—	—
33	8	3	5	—	—	—	20	1	19	—	—	—
32	10	2	8	—	—	—	8	1	7	—	—	—
31	12	5	7	—	—	—	2	1	1	—	—	—
30	13	3	10	—	—	—	6	1	5	—	—	—

Trips and Drafts of Vessels, 2000
(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												
29	16	5	11	—	—	—	4	4	—	—	—	—
28	11	3	8	—	—	—	10	2	7	—	1	—
27	15	7	7	—	1	—	9	2	7	—	—	—
26	14	3	11	—	—	—	14	8	6	—	—	—
25	12	5	7	—	—	—	9	1	8	—	—	—
24	8	4	4	—	—	—	6	1	5	—	—	—
23	8	4	4	—	—	—	2	1	1	—	—	—
≤ 22	15	9	5	—	1	—	9	5	4	—	—	—
DOMESTIC												
Total	5,372	621	175	4,300	27	249	5,412	622	174	4,315	31	270
49	1	—	1	—	—	—	1	—	1	—	—	—
48	5	—	5	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
46	3	—	3	—	—	—	1	—	1	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	4	—	4	—	—	—	2	—	2	—	—	—
42	5	—	5	—	—	—	2	—	2	—	—	—
41	4	—	4	—	—	—	3	—	3	—	—	—
40	4	—	4	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	6	—	6	—	—	—	2	—	2	—	—	—
37	5	—	5	—	—	—	4	—	4	—	—	—
36	4	—	4	—	—	—	5	—	5	—	—	—
35	16	—	16	—	—	—	17	—	17	—	—	—
34	17	—	17	—	—	—	16	—	16	—	—	—
33	19	—	19	—	—	—	13	—	13	—	—	—
32	11	—	11	—	—	—	15	—	15	—	—	—
31	8	—	8	—	—	—	7	—	7	—	—	—
30	9	—	9	—	—	—	18	—	18	—	—	—
29	5	—	5	—	—	—	6	—	6	—	—	—
28	16	—	16	—	—	—	12	—	12	—	—	—
27	6	—	6	—	—	—	8	—	8	—	—	—
26	7	2	4	—	—	1	10	—	10	—	—	—
25	12	1	11	—	—	—	6	3	3	—	—	—
24	2	—	2	—	—	—	5	2	3	—	—	—
23	2	—	1	—	—	1	—	—	—	—	—	—
≤ 22	5,196	618	4	4,300	27	247	5,259	617	26	4,315	31	270
										Total trips:		11,161

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

	Upbound						Downbound					
Grand Total	3,779	1,143	341	1,343	506	446	3,855	1,379	235	1,327	491	423
FOREIGN												
Total	304	157	145	—	2	—	189	154	34	1	—	—
40	—	—	—	—	—	—	1	—	1	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	9	—	9	—	—	—	—	—	—	—	—	—
36	17	1	16	—	—	—	5	2	3	—	—	—
35	12	1	11	—	—	—	2	2	—	—	—	—
34	16	10	6	—	—	—	2	1	1	—	—	—
33	31	17	14	—	—	—	11	11	—	—	—	—
32	12	8	4	—	—	—	3	2	1	—	—	—
31	47	27	20	—	—	—	16	15	1	—	—	—
30	27	14	13	—	—	—	14	13	1	—	—	—
29	17	10	7	—	—	—	19	18	1	—	—	—
28	21	11	10	—	—	—	18	13	5	—	—	—
27	21	12	9	—	—	—	16	11	5	—	—	—
26	15	4	11	—	—	—	21	14	7	—	—	—
25	11	7	4	—	—	—	14	14	—	—	—	—
24	8	7	1	—	—	—	13	9	4	—	—	—
23	9	6	3	—	—	—	14	14	—	—	—	—
≤ 22	29	22	5	—	2	—	20	15	4	1	—	—

Trips and Drafts of Vessels, 2000
(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

DOMESTIC

Total	3,475	986	196	1,343	504	446	3,666	1,225	201	1,326	491	423
45	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	2	—	2	—	—	—
37	3	—	3	—	—	—	4	—	4	—	—	—
36	3	—	3	—	—	—	3	—	3	—	—	—
35	—	—	—	—	—	—	2	—	2	—	—	—
34	8	3	5	—	—	—	3	—	3	—	—	—
33	11	6	5	—	—	—	2	—	2	—	—	—
32	40	—	40	—	—	—	7	—	7	—	—	—
31	5	—	5	—	—	—	5	—	5	—	—	—
30	69	—	69	—	—	—	7	—	7	—	—	—
29	6	—	6	—	—	—	3	—	3	—	—	—
28	18	—	18	—	—	—	6	—	6	—	—	—
27	5	—	5	—	—	—	7	—	6	—	—	1
26	7	1	6	—	—	—	10	1	7	—	—	2
25	5	—	5	—	—	—	24	2	21	—	—	1
24	6	—	5	—	—	1	6	3	3	—	—	—
23	1	—	1	—	—	—	17	—	15	—	—	2
≤ 22	3,283	976	15	1,343	504	445	3,558	1,219	105	1,326	491	417
										Total trips:		7,634

CARQUINEZ STRAIT, CA

Upbound

Downbound

Grand Total	2,544	174	320	1,372	267	411	2,289	166	227	1,255	243	398
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FOREIGN

Total	282	157	123	—	2	—	181	154	26	1	—	—
37	8	—	8	—	—	—	—	—	—	—	—	—
36	11	1	10	—	—	—	5	2	3	—	—	—
35	11	1	10	—	—	—	2	2	—	—	—	—
34	14	10	4	—	—	—	2	1	1	—	—	—
33	30	17	13	—	—	—	11	11	—	—	—	—
32	12	8	4	—	—	—	2	2	—	—	—	—
31	45	27	18	—	—	—	16	15	1	—	—	—
30	26	14	12	—	—	—	14	13	1	—	—	—
29	17	10	7	—	—	—	19	18	1	—	—	—
28	20	11	9	—	—	—	16	13	3	—	—	—
27	20	12	8	—	—	—	14	11	3	—	—	—
26	12	4	8	—	—	—	19	14	5	—	—	—
25	10	7	3	—	—	—	14	14	—	—	—	—
24	8	7	1	—	—	—	13	9	4	—	—	—
23	9	6	3	—	—	—	14	14	—	—	—	—
≤ 22	29	22	5	—	2	—	20	15	4	1	—	—

DOMESTIC

Total	2,262	17	197	1,372	265	411	2,108	12	201	1,254	243	398
45	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	2	—	2	—	—	—
37	4	—	4	—	—	—	4	—	4	—	—	—
36	3	—	3	—	—	—	5	—	5	—	—	—
35	1	—	1	—	—	—	4	—	4	—	—	—
34	10	4	6	—	—	—	2	—	2	—	—	—
33	11	6	5	—	—	—	3	—	3	—	—	—
32	40	—	40	—	—	—	7	—	7	—	—	—
31	4	—	4	—	—	—	2	—	2	—	—	—
30	69	—	69	—	—	—	8	—	8	—	—	—
29	6	—	6	—	—	—	4	—	4	—	—	—
28	18	—	18	—	—	—	6	—	6	—	—	—
27	6	—	6	—	—	—	5	—	4	—	—	1
26	5	—	5	—	—	—	9	1	7	—	—	1
25	5	—	5	—	—	—	27	4	22	—	—	1

Trips and Drafts of Vessels, 2000
(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												
24	6	—	5	—	—	1	5	1	4	—	—	—
23	1	—	1	—	—	—	13	—	12	—	—	1
≤ 22	2,068	7	14	1,372	265	410	2,002	6	105	1,254	243	394
Total trips:											4,833	

SUISUN BAY CHANNEL, CA

Upbound							Downbound					
Grand Total	1,405	128	46	701	253	277	1,292	118	21	646	237	270

FOREIGN

Total	165	125	39	—	1	—	126	115	10	1	—	—
36	1	1	—	—	—	—	1	1	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	7	7	—	—	—	—	1	1	—	—	—	—
33	20	15	5	—	—	—	11	11	—	—	—	—
32	7	6	1	—	—	—	2	2	—	—	—	—
31	34	24	10	—	—	—	5	5	—	—	—	—
30	20	13	7	—	—	—	10	10	—	—	—	—
29	8	6	2	—	—	—	17	17	—	—	—	—
28	12	9	3	—	—	—	12	11	1	—	—	—
27	12	9	3	—	—	—	10	9	1	—	—	—
26	6	3	3	—	—	—	12	11	1	—	—	—
25	5	4	1	—	—	—	11	11	—	—	—	—
24	3	3	—	—	—	—	9	6	3	—	—	—
23	6	6	—	—	—	—	10	10	—	—	—	—
22	6	3	3	—	—	—	6	4	2	—	—	—
21	4	4	—	—	—	—	—	—	—	—	—	—
20	11	10	1	—	—	—	2	1	1	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
≤ 18	2	1	—	—	1	—	4	2	1	1	—	—

DOMESTIC

Total	1,240	3	7	701	252	277	1,166	3	11	645	237	270
38	1	—	1	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
29	—	—	—	—	—	—	1	—	1	—	—	—
28	2	—	2	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	—	—	—	—	—	—	1	—	—	—	—	1
25	—	—	—	—	—	—	1	—	—	—	—	1
24	2	—	1	—	—	1	—	—	1	—	—	—
23	1	—	1	—	—	—	1	—	—	—	—	1
22	2	—	—	—	—	2	—	—	—	—	—	—
21	4	—	—	—	—	4	3	—	—	—	—	3
20	29	—	1	28	—	—	30	—	—	30	—	—
19	15	—	—	—	—	15	21	—	1	—	—	20
≤ 18	1,183	3	—	673	252	255	1,101	3	2	615	237	244
Total trips:											2,697	

PETALUMA RIVER, CA

Upbound							Downbound					
Grand Total	397	—	—	172	225	—	435	—	—	190	245	—

DOMESTIC

Total	397	—	—	172	225	—	435	—	—	190	245	—
13	118	—	—	—	118	—	—	—	—	—	—	—
12	14	—	—	—	14	—	—	—	—	—	—	—
11	16	—	—	—	16	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2000
(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

PETALUMA RIVER, CA - continued

Upbound

Downbound

DOMESTIC

10	1	—	—	—	1	—	—	—	—	—	—	—
9	135	—	—	135	—	—	135	—	—	135	—	—
8	2	—	—	—	2	—	18	—	—	14	4	—
7	4	—	—	—	4	—	—	—	—	—	—	—
6	37	—	—	37	—	—	43	—	—	39	4	—
5	31	—	—	—	31	—	10	—	—	2	8	—
4	3	—	—	—	3	—	15	—	—	—	15	—
3	10	—	—	—	10	—	198	—	—	—	198	—
2	26	—	—	—	26	—	16	—	—	—	16	—
Total trips:											832	

HUMBOLDT HARBOR AND BAY, CA

Inbound

Outbound

Grand Total	1,057	475	—	296	243	43	1,008	471	—	283	220	34
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FOREIGN

Total	63	52	—	6	5	—	67	48	—	10	9	—
36	—	—	—	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	2	2	—	—	—	—
34	3	3	—	—	—	—	4	4	—	—	—	—
33	3	3	—	—	—	—	1	1	—	—	—	—
32	3	3	—	—	—	—	3	3	—	—	—	—
31	2	2	—	—	—	—	2	2	—	—	—	—
30	2	2	—	—	—	—	5	5	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	3	3	—	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	4	4	—	—	—	—
26	8	8	—	—	—	—	5	5	—	—	—	—
25	5	5	—	—	—	—	7	6	—	1	—	—
24	3	3	—	—	—	—	4	4	—	—	—	—
23	6	6	—	—	—	—	2	2	—	—	—	—
22	7	4	—	—	3	—	—	—	—	—	—	—
21	3	—	—	1	2	—	2	2	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	3	—	—	—	3	—
≤ 18	9	4	—	5	—	—	17	2	—	9	6	—

DOMESTIC

Total	994	423	—	290	238	43	941	423	—	273	211	34
≤ 18	994	423	—	290	238	43	941	423	—	273	211	34
Total trips:											2,065	

BERKELEY, CA

(7 feet and less)

Inbound

Outbound

Grand Total	889	889	—	—	—	—	892	892	—	—	—	—
Total trips:											1,781	

BODEGA BAY, CA

No Vessel Trips Reported

CRESCENT CITY HARBOR, CA

(13 feet and less)

Inbound

Outbound

Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
Total trips:											2	

Trips and Drafts of Vessels, 2000
(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
MONTEREY HARBOR, CA No Vessel Trips Reported												
MOSS LANDING HARBOR, CA No Vessel Trips Reported												
NAPA RIVER, CA (15 feet and less)												
			Upbound						Downbound			
Grand Total	45	7	—	19	19	—	49	7	—	21	21	—
										Total trips:		94
NOYO RIVER, CA No Vessel Trips Reported												
PILLAR POINT HARBOR, CA No Vessel Trips Reported												
SAN RAFAEL CREEK, CA (2 feet and less)												
			Upbound						Downbound			
Grand Total	2	—	—	1	1	—	2	—	—	1	1	—
										Total trips:		4
SANTA CRUZ HARBOR, CA (10 feet and less)												
			Inbound						Outbound			
Grand Total	392	392	—	—	—	—	393	392	—	1	—	—
										Total trips:		785
SUISUN CHANNEL, CA No Vessel Trips Reported												
OTHER SAN FRANCISCO BAY AREA PORTS, CA (38 feet and less)												
			Inbound						Outbound			
Grand Total	15,143	13,501	126	1,366	121	29	15,077	13,339	127	1,356	227	28
										Total trips:		30,220

Trips and Drafts of Vessels, 2000
(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	900	15	—	424	354	107	871	15	—	417	340	99
FOREIGN												
Total	24	15	—	—	9	—	15	15	—	—	—	—
32	2	2	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	1	1	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	1	1	—	—	—	—
25	6	6	—	—	—	—	5	5	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
21	2	2	—	—	—	—	2	2	—	—	—	—
≤ 18	11	2	—	—	9	—	2	2	—	—	—	—
DOMESTIC												
Total	876	—	—	424	345	107	856	—	—	417	340	99
19	41	—	—	—	—	41	—	—	—	—	—	—
≤ 18	835	—	—	424	345	66	856	—	—	417	340	99
										Total trips:		1,771
KAWAIHAE HARBOR, HAWAII IS., HI												
				Inbound						Outbound		
Grand Total	820	—	—	339	473	8	809	—	—	337	464	8
DOMESTIC												
Total	820	—	—	339	473	8	809	—	—	337	464	8
21	4	—	—	—	4	—	4	—	—	—	4	—
19	4	—	—	—	—	4	—	—	—	—	—	—
≤ 18	812	—	—	339	469	4	805	—	—	337	460	8
										Total trips:		1,629
KAHULUI HARBOR, MAUI, HI												
				Inbound						Outbound		
Grand Total	1,453	54	—	665	624	110	1,422	53	—	678	588	103
FOREIGN												
Total	57	40	—	—	17	—	41	38	—	—	3	—
32	2	2	—	—	—	—	2	2	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	4	4	—	—	—	—	4	4	—	—	—	—
25	12	11	—	—	1	—	11	11	—	—	—	—
24	11	11	—	—	—	—	8	8	—	—	—	—
23	1	1	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	1	1	—	—	—	—
21	6	6	—	—	—	—	6	6	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	18	2	—	—	16	—	6	3	—	—	3	—
DOMESTIC												
Total	1,396	14	—	665	607	110	1,381	15	—	678	585	103
34	—	—	—	—	—	—	2	2	—	—	—	—
33	—	—	—	—	—	—	3	3	—	—	—	—
30	5	5	—	—	—	—	5	5	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	—	—	—	—	—	—	3	3	—	—	—	—
26	3	3	—	—	—	—	1	1	—	—	—	—
25	3	3	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
21	161	—	—	—	161	—	132	—	—	—	132	—

Trips and Drafts of Vessels, 2000
(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

KAHULUI HARBOR, MAUI, HI - continued

Inbound

Outbound

DOMESTIC

19	41	—	—	—	—	41	2	—	—	—	—	2
≤ 18	1,180	—	—	665	446	69	1,232	—	—	678	453	101
Total trips:											2,875	

BARBERS POINT HARBOR, OAHU, HI

Inbound

Outbound

Grand Total	1,909	35	88	1,451	55	280	1,898	30	68	1,447	59	294
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FOREIGN

Total	83	24	54	3	2	—	71	21	44	2	4	—
50	1	—	1	—	—	—	—	—	—	—	—	—
48	3	—	3	—	—	—	—	—	—	—	—	—
47	2	—	2	—	—	—	1	—	1	—	—	—
46	2	—	2	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	4	—	4	—	—	—	1	—	1	—	—	—
43	4	—	4	—	—	—	1	—	1	—	—	—
42	1	—	1	—	—	—	1	—	1	—	—	—
41	4	—	4	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	1	1	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
36	8	7	1	—	—	—	3	3	—	—	—	—
35	3	3	—	—	—	—	2	1	1	—	—	—
34	2	2	—	—	—	—	6	2	4	—	—	—
33	—	—	—	—	—	—	1	1	—	—	—	—
32	—	—	—	—	—	—	2	—	2	—	—	—
31	1	—	1	—	—	—	2	1	1	—	—	—
30	1	1	—	—	—	—	2	—	2	—	—	—
29	—	—	—	—	—	—	1	—	1	—	—	—
28	1	1	—	—	—	—	5	2	3	—	—	—
27	3	2	1	—	—	—	10	2	8	—	—	—
26	4	—	4	—	—	—	4	1	3	—	—	—
25	2	—	2	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	2	—	2	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	1	—	1	—	—	—	4	2	2	—	—	—
21	2	—	2	—	—	—	2	—	2	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	1	—	1	—	—	—	4	—	4	—	—	—
18	1	—	1	—	—	—	—	—	—	—	—	—
17	2	—	2	—	—	—	3	—	3	—	—	—
16	6	1	3	2	—	—	2	—	—	2	—	—
15	3	—	3	—	—	—	—	—	—	—	—	—
14	1	—	1	—	—	—	1	—	—	—	1	—
13	1	—	1	—	—	—	1	1	—	—	—	—
≤ 12	7	4	—	1	2	—	4	1	—	—	3	—

DOMESTIC

Total	1,826	11	34	1,448	53	280	1,827	9	24	1,445	55	294
55	2	—	2	—	—	—	—	—	—	—	—	—
53	2	—	2	—	—	—	—	—	—	—	—	—
51	1	—	1	—	—	—	—	—	—	—	—	—
48	1	—	1	—	—	—	—	—	—	—	—	—
47	5	—	5	—	—	—	1	—	—	—	—	—
46	1	—	1	—	—	—	—	—	1	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	1	—	1	—	—	—
42	3	—	3	—	—	—	1	—	1	—	—	—
41	6	—	6	—	—	—	1	—	1	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	2	—	2	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	1	—	1	—	—	—
36	—	—	—	—	—	—	1	—	1	—	—	—
34	2	—	2	—	—	—	1	—	1	—	—	—

Trips and Drafts of Vessels, 2000
(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												
31	—	—	—	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
29	1	—	1	—	—	—	—	—	—	—	—	—
27	2	—	2	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	1	—	1	—	—	—
25	—	—	—	—	—	—	5	—	5	—	—	—
22	—	—	—	—	—	—	1	—	1	—	—	—
20	1	—	—	1	—	—	1	—	1	—	—	—
19	5	—	—	—	—	5	93	—	—	—	—	93
17	9	—	—	—	—	9	63	—	—	—	—	63
16	2	—	—	—	—	2	6	—	—	—	—	6
15	54	—	—	48	—	6	74	—	—	50	—	24
14	50	—	—	49	1	—	50	—	—	48	—	2
13	16	—	—	15	—	1	18	—	—	15	—	1
≤ 12	1,656	11	1	1,335	52	257	1,503	9	4	1,332	53	105
										Total trips:		3,807

HONOLULU HARBOR, OAHU, HI												
	Inbound						Outbound					
Grand Total	7,430	1,852	94	3,059	2,029	396	7,203	1,672	103	3,019	2,008	401
FOREIGN												
Total	668	505	88	31	44	—	536	359	94	20	63	—
48	5	—	5	—	—	—	1	—	1	—	—	—
47	3	—	3	—	—	—	2	—	2	—	—	—
46	3	—	3	—	—	—	—	—	—	—	—	—
43	4	2	2	—	—	—	1	1	—	—	—	—
42	3	—	3	—	—	—	4	—	4	—	—	—
41	2	—	2	—	—	—	—	—	—	—	—	—
40	13	3	9	—	1	—	1	—	1	—	—	—
39	1	1	—	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	1	—	1	—	—	—
37	7	—	7	—	—	—	3	—	3	—	—	—
36	22	19	3	—	—	—	7	2	5	—	—	—
35	7	3	4	—	—	—	4	3	1	—	—	—
34	18	17	1	—	—	—	14	11	3	—	—	—
33	14	13	1	—	—	—	17	15	2	—	—	—
32	73	70	2	—	1	—	29	24	5	—	—	—
31	27	27	—	—	—	—	16	15	—	—	1	—
30	23	22	1	—	—	—	13	11	2	—	—	—
29	35	34	1	—	—	—	21	20	1	—	—	—
28	34	33	1	—	—	—	37	29	8	—	—	—
27	28	26	2	—	—	—	29	28	1	—	—	—
26	28	28	—	—	—	—	27	22	4	—	1	—
25	25	22	2	—	1	—	22	21	1	—	—	—
24	19	18	1	—	—	—	21	19	2	—	—	—
23	13	11	1	—	1	—	12	11	—	—	1	—
22	19	17	1	—	1	—	27	16	11	—	—	—
21	33	24	4	—	5	—	37	20	12	1	4	—
20	9	6	2	1	—	—	18	11	6	1	—	—
19	15	12	2	—	1	—	16	10	6	—	—	—
≤ 18	182	97	22	30	33	—	156	70	12	18	56	—
DOMESTIC												
Total	6,762	1,347	6	3,028	1,985	396	6,667	1,313	9	2,999	1,945	401
37	3	3	—	—	—	—	—	—	—	—	—	—
36	23	20	3	—	—	—	1	1	—	—	—	—
35	20	20	—	—	—	—	1	1	—	—	—	—
34	42	42	—	—	—	—	1	1	—	—	—	—
33	29	29	—	—	—	—	8	8	—	—	—	—
32	36	36	—	—	—	—	11	10	1	—	—	—
31	43	43	—	—	—	—	25	25	—	—	—	—
30	96	96	—	—	—	—	81	81	—	—	—	—
29	26	25	1	—	—	—	39	38	1	—	—	—
28	8	7	1	—	—	—	52	50	2	—	—	—
27	5	4	1	—	—	—	35	33	2	—	—	—

Trips and Drafts of Vessels, 2000
(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

HONOLULU HARBOR, OAHU, HI - continued
Inbound

DOMESTIC

26	2	2	—	—	—	—	44	44	—	—	—	—
25	3	3	—	—	—	—	23	23	—	—	—	—
24	1	1	—	—	—	—	6	6	—	—	—	—
23	1	1	—	—	—	—	4	4	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	148	—	—	—	148	—	148	—	—	—	148	—
20	103	94	—	6	3	—	99	94	—	5	—	—
19	3	—	—	1	—	—	19	—	—	1	—	18
≤ 18	6,170	921	—	3,021	1,834	394	6,068	892	3	2,993	1,797	383
											Total trips:	14,633

Outbound

NAWILIWILI HARBOR, KAUAI, HI

	Inbound						Outbound					
Grand Total	672	29	—	263	345	35	664	30	—	259	341	34

FOREIGN

Total	26	24	—	1	1	—	26	24	—	1	1	—
27	2	2	—	—	—	—	2	2	—	—	—	—
25	13	11	—	1	1	—	13	11	—	1	1	—
24	6	6	—	—	—	—	6	6	—	—	—	—
21	5	5	—	—	—	—	5	5	—	—	—	—

DOMESTIC

Total	646	5	—	262	344	35	638	6	—	258	340	34
34	—	—	—	—	—	—	1	1	—	—	—	—
33	—	—	—	—	—	—	3	3	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	2	2	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	2	2	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
19	20	—	—	—	—	20	2	—	—	—	—	2
≤ 18	621	—	—	262	344	15	630	—	—	258	340	32
											Total trips:	1,336

HANA HARBOR, MAUI, HI
No Vessel Trips Reported

KAILUA HARBOR, OAHU, HI
No Vessel Trips Reported

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

	Inbound						Outbound					
Grand Total	3	—	—	1	2	—	3	—	—	1	2	—
											Total trips:	6

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

	Inbound						Outbound					
Grand Total	572	—	—	201	371	—	616	—	—	207	409	—
											Total trips:	1,188

Trips and Drafts of Vessels, 2000
(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 ALLEN HARBOR, KAUAI, HI
(15 feet and less)

	Inbound						Outbound					
Grand Total	30	—	—	29	1	—	30	—	—	29	1	—
	Total trips:											60

WAKE ISLAND HARBOR, WAKE ISLAND
(17 feet and less)

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

WELLS HARBOR, MIDWAY ISLAND
No Vessel Trips Reported

Trips and Drafts of Vessels, 2000
(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	3,301	140	—	1,151	1,199	811	3,989	138	—	1,124	1,715	1,012
DOMESTIC												
Total	3,301	140	—	1,151	1,199	811	3,989	138	—	1,124	1,715	1,012
17	8	—	—	—	—	8	—	—	—	—	—	—
16	6	—	—	—	—	6	156	—	—	—	156	—
15	13	—	—	—	—	13	23	—	—	—	23	—
14	99	—	—	—	75	24	492	—	—	—	199	293
13	43	—	—	1	7	35	579	—	—	1	411	167
≤ 12	3,132	140	—	1,150	1,117	725	2,739	138	—	1,123	926	552
										Total trips:		7,290

SNAKE RIVER, OR, WA AND ID

	Upbound						Downbound					
Grand Total	4,288	953	—	1,451	1,134	750	4,585	980	—	1,249	1,531	825
DOMESTIC												
Total	4,288	953	—	1,451	1,134	750	4,585	980	—	1,249	1,531	825
17	8	—	—	—	—	8	—	—	—	—	—	—
16	6	—	—	—	—	6	97	—	—	—	97	—
15	13	—	—	—	—	13	17	—	—	—	17	—
14	131	—	—	—	107	24	434	—	—	—	208	226
13	55	—	—	1	11	43	487	—	—	1	342	144
12	56	—	—	7	23	26	183	—	—	6	139	38
11	195	—	—	124	—	71	135	—	—	73	51	11
10	713	92	—	573	30	18	490	90	—	365	26	9
9	239	—	—	216	4	19	245	—	—	233	9	3
8	452	75	—	344	2	31	453	81	—	363	2	7
7	111	21	—	23	2	65	40	21	—	15	3	1
6	79	—	—	29	1	49	75	—	—	27	47	1
5	208	—	—	134	—	74	186	—	—	166	20	—
4	88	—	—	—	—	88	209	—	—	—	1	208
3	921	—	—	—	714	207	630	—	—	—	453	177
2	992	744	—	—	240	8	883	767	—	—	116	—
1	21	21	—	—	—	—	21	21	—	—	—	—
										Total trips:		8,873

Trips and Drafts of Vessels, 2000
(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	3,026	1,758	256	545	270	197	2,872	1,772	191	486	251	172
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FOREIGN

Total	1,991	1,743	58	98	63	29	2,014	1,758	64	103	75	14
40	—	—	—	—	—	—	18	17	1	—	—	—
39	4	2	2	—	—	—	37	35	2	—	—	—
38	18	17	1	—	—	—	77	77	—	—	—	—
37	15	9	6	—	—	—	52	49	3	—	—	—
36	26	22	4	—	—	—	87	85	2	—	—	—
35	31	30	1	—	—	—	119	117	2	—	—	—
34	62	60	2	—	—	—	159	156	3	—	—	—
33	66	64	2	—	—	—	108	106	2	—	—	—
32	62	58	4	—	—	—	174	169	3	1	1	—
31	66	65	1	—	—	—	76	75	1	—	—	—
30	65	62	3	—	—	—	86	81	5	—	—	—
29	110	106	4	—	—	—	67	64	3	—	—	—
28	102	97	5	—	—	—	86	84	2	—	—	—
27	101	95	6	—	—	—	89	87	2	—	—	—
26	104	99	5	—	—	—	91	89	2	—	—	—
25	125	121	4	—	—	—	126	123	3	—	—	—
24	108	104	4	—	—	—	90	88	2	—	—	—
23	70	69	1	—	—	—	66	61	5	—	—	—
22	99	97	—	—	1	1	56	52	4	—	—	—
21	165	162	—	—	3	—	39	32	7	—	—	—
20	169	144	1	—	24	—	38	32	3	—	3	—
19	111	106	—	4	—	1	22	16	2	4	—	—
≤ 18	312	154	2	94	35	27	251	63	5	98	71	14

DOMESTIC

Total	1,035	15	198	447	207	168	858	14	127	383	176	158
39	1	—	1	—	—	—	—	—	—	—	—	—
38	8	—	8	—	—	—	—	—	—	—	—	—
37	39	—	39	—	—	—	1	—	1	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	26	—	26	—	—	—	9	—	9	—	—	—
34	15	—	15	—	—	—	8	—	8	—	—	—
33	13	—	13	—	—	—	3	—	3	—	—	—
32	24	—	24	—	—	—	7	—	7	—	—	—
31	9	—	9	—	—	—	4	—	4	—	—	—
30	11	—	11	—	—	—	6	—	6	—	—	—
29	6	—	6	—	—	—	4	—	4	—	—	—
28	5	—	5	—	—	—	5	2	3	—	—	—
27	4	—	4	—	—	—	—	—	—	—	—	—
26	9	—	9	—	—	—	4	—	4	—	—	—
25	24	—	2	—	—	22	23	1	13	—	—	9
24	4	1	2	—	—	1	3	1	2	—	—	—
23	6	—	2	—	—	4	14	—	14	—	—	—
22	4	1	2	—	—	—	22	—	22	—	—	—
21	15	—	2	—	—	13	5	—	1	—	—	4
20	61	—	1	49	6	5	51	—	14	36	—	1
19	33	—	1	18	—	14	31	—	1	24	—	6
≤ 18	716	13	14	380	201	108	658	10	11	323	176	138

Total trips: 5,898

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY
Upbound

Downbound

Grand Total	42,676	25,835	257	10,160	4,420	2,004	42,915	25,849	212	10,165	4,583	2,106
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FOREIGN

Total	1,991	1,743	58	98	63	29	2,014	1,758	64	103	75	14
40	—	—	—	—	—	—	18	17	1	—	—	—
39	4	2	2	—	—	—	37	35	2	—	—	—
38	18	17	1	—	—	—	77	77	—	—	—	—
37	15	9	6	—	—	—	52	49	3	—	—	—
36	26	22	4	—	—	—	87	85	2	—	—	—
35	31	30	1	—	—	—	119	117	2	—	—	—

Trips and Drafts of Vessels, 2000
(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												
34	62	60	2	—	—	—	159	156	3	—	—	—
33	66	64	2	—	—	—	108	106	2	—	—	—
32	62	58	4	—	—	—	174	169	3	1	1	—
31	66	65	1	—	—	—	76	75	1	—	—	—
30	65	62	3	—	—	—	86	81	5	—	—	—
29	110	106	4	—	—	—	67	64	3	—	—	—
28	102	97	5	—	—	—	86	84	2	—	—	—
27	101	95	6	—	—	—	89	87	2	—	—	—
26	104	99	5	—	—	—	91	89	2	—	—	—
25	125	121	4	—	—	—	126	123	3	—	—	—
24	108	104	4	—	—	—	90	88	2	—	—	—
23	70	69	1	—	—	—	66	61	5	—	—	—
22	99	97	—	—	1	1	56	52	4	—	—	—
21	165	162	—	—	3	—	39	32	7	—	—	—
20	169	144	1	—	24	—	38	32	3	—	3	—
19	111	106	—	4	—	1	22	16	2	4	—	—
18	92	91	—	—	1	—	27	21	4	2	—	—
17	30	27	—	2	—	1	7	7	—	—	—	—
16	28	18	1	6	1	2	11	4	1	6	—	—
15	62	8	1	44	2	7	42	2	—	39	—	1
14	20	—	—	5	9	6	25	1	—	4	19	1
13	27	3	—	9	9	6	13	1	—	7	2	3
12	17	1	—	10	3	3	21	6	—	10	5	—
11	8	1	—	2	5	—	8	—	—	2	6	—
10	10	2	—	6	2	—	9	—	—	5	3	1
9	5	1	—	3	1	—	9	1	—	6	2	—
8	8	1	—	7	—	—	23	1	—	16	4	2
7	—	—	—	—	—	—	1	1	—	—	—	—
6	1	1	—	—	—	—	2	1	—	—	1	—
5	—	—	—	—	—	—	1	—	—	—	1	—
4	3	—	—	—	2	1	5	—	—	—	2	3
3	1	—	—	—	—	1	46	16	—	1	26	3
2	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	40,685	24,092	199	10,062	4,357	1,975	40,901	24,091	148	10,062	4,508	2,092
39	1	—	1	—	—	—	—	—	—	—	—	—
38	8	—	8	—	—	—	—	—	—	—	—	—
37	39	—	39	—	—	—	1	—	1	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	29	—	29	—	—	—	9	—	9	—	—	—
34	18	—	18	—	—	—	10	—	10	—	—	—
33	13	—	13	—	—	—	15	—	15	—	—	—
32	24	—	24	—	—	—	8	—	8	—	—	—
31	10	—	10	—	—	—	4	—	4	—	—	—
30	12	—	12	—	—	—	6	—	6	—	—	—
29	6	—	6	—	—	—	6	—	6	—	—	—
28	5	—	5	—	—	—	6	2	4	—	—	—
27	4	—	4	—	—	—	1	—	1	—	—	—
26	9	—	9	—	—	—	5	—	5	—	—	—
25	24	—	2	—	—	22	23	1	13	—	—	9
24	4	1	2	—	—	1	4	1	3	—	—	—
23	6	—	2	—	—	4	14	—	14	—	—	—
22	4	1	2	—	—	1	22	—	22	—	—	—
21	15	—	2	—	—	13	5	—	1	—	—	4
20	71	—	1	59	6	5	54	—	14	39	—	1
19	34	—	—	20	—	14	34	—	1	27	—	6
18	21	—	—	7	—	14	13	—	—	5	—	8
17	33	—	1	2	—	30	14	—	1	1	10	2
16	81	—	1	43	1	36	217	—	—	39	168	10
15	59	—	—	29	3	27	71	—	1	27	39	4
14	294	—	—	84	172	38	765	—	—	71	339	355
13	230	—	—	132	41	57	857	—	—	154	508	195
12	741	—	1	645	54	41	914	—	—	602	237	75
11	893	70	2	576	148	97	972	—	—	531	423	18
10	2,044	21	3	1,816	131	73	2,077	19	—	1,806	234	18
9	2,277	—	—	1,924	277	76	2,041	—	—	1,943	81	17
8	1,215	56	—	966	100	93	1,152	43	7	1,036	45	21
7	2,577	29	—	2,377	26	145	2,480	25	2	2,412	22	19
6	18,235	17,120	—	884	143	88	18,213	17,208	—	891	82	32
5	1,019	359	—	444	71	145	869	356	—	449	37	27

Trips and Drafts of Vessels, 2000
(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

DOMESTIC

4	437	—	—	14	301	122	684	—	—	14	347	323
3	8,594	6,372	—	40	1,731	451	8,177	6,373	—	12	1,343	449
2	1,597	63	—	—	1,152	382	1,158	63	—	3	593	499
Total trips:											85,591	

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

Downbound

Grand Total	30,305	8,596	334	13,590	5,117	2,668	30,169	8,607	193	13,590	5,127	2,652
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FOREIGN

Total	1,991	1,743	58	98	63	29	2,014	1,758	64	103	75	14
40	—	—	—	—	—	—	18	17	1	—	—	—
39	4	2	2	—	—	—	37	35	2	—	—	—
38	18	17	1	—	—	—	77	77	—	—	—	—
37	15	9	6	—	—	—	52	49	3	—	—	—
36	26	22	4	—	—	—	87	85	2	—	—	—
35	31	30	1	—	—	—	119	117	2	—	—	—
34	62	60	2	—	—	—	159	156	3	—	—	—
33	66	64	2	—	—	—	108	106	2	—	—	—
32	62	58	4	—	—	—	174	169	3	1	1	—
31	66	65	1	—	—	—	76	75	1	—	—	—
30	65	62	3	—	—	—	86	81	5	—	—	—
29	110	106	4	—	—	—	67	64	3	—	—	—
28	102	97	5	—	—	—	86	84	2	—	—	—
27	101	95	6	—	—	—	89	87	2	—	—	—
26	104	99	5	—	—	—	91	89	2	—	—	—
25	125	121	4	—	—	—	126	123	3	—	—	—
24	108	104	4	—	—	—	90	88	2	—	—	—
23	70	69	1	—	—	—	66	61	5	—	—	—
22	99	97	—	—	1	1	56	52	4	—	—	—
21	165	162	—	—	3	—	39	32	7	—	—	—
20	169	144	1	—	24	—	38	32	3	—	3	—
19	111	106	—	4	—	1	22	16	2	4	—	—
≤ 18	312	154	2	94	35	27	251	63	5	98	71	14

DOMESTIC

Total	28,314	6,853	276	13,492	5,054	2,639	28,155	6,849	129	13,487	5,052	2,638
39	1	—	1	—	—	—	—	—	—	—	—	—
38	8	—	8	—	—	—	—	—	—	—	—	—
37	39	—	39	—	—	—	1	—	1	—	—	—
36	6	—	6	—	—	—	—	—	—	—	—	—
35	33	—	33	—	—	—	9	—	9	—	—	—
34	23	—	23	—	—	—	8	—	8	—	—	—
33	28	—	28	—	—	—	3	—	3	—	—	—
32	29	—	29	—	—	—	7	—	7	—	—	—
31	12	—	12	—	—	—	4	—	4	—	—	—
30	17	—	17	—	—	—	6	—	6	—	—	—
29	18	—	18	—	—	—	4	—	4	—	—	—
28	15	—	15	—	—	—	6	2	4	—	—	—
27	11	—	11	—	—	—	—	—	—	—	—	—
26	14	—	14	—	—	—	4	—	4	—	—	—
25	26	—	3	—	—	23	23	1	13	—	—	9
24	4	1	2	—	—	1	4	1	3	—	—	—
23	7	—	3	—	—	4	14	—	14	—	—	—
22	4	1	2	—	—	1	22	—	22	—	—	—
21	18	—	2	—	—	16	5	—	1	—	—	4
20	95	—	1	82	6	6	52	—	14	37	—	1
19	40	—	1	21	—	18	34	—	1	27	—	6
≤ 18	27,866	6,851	8	13,389	5,048	2,570	27,949	6,845	11	13,423	5,052	2,618
Total trips:											60,474	

Trips and Drafts of Vessels, 2000
(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 ASTORIA, OR

	Inbound						Outbound					
Grand Total	286	20	1	228	11	26	307	30	3	233	15	26

FOREIGN

Total	65	19	1	42	3	—	83	29	3	46	5	—
39	—	—	—	—	—	—	1	1	—	—	—	—
38	—	—	—	—	—	—	2	2	—	—	—	—
36	—	—	—	—	—	—	4	3	1	—	—	—
35	—	—	—	—	—	—	3	3	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
23	2	1	1	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	2	1	1	—	—	—
21	8	8	—	—	—	—	1	1	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	3	1	—	2	—	—	2	—	—	2	—	—
≤ 18	48	5	—	40	3	—	64	15	—	44	5	—

DOMESTIC

Total	221	1	—	186	8	26	224	1	—	187	10	26
20	6	—	—	6	—	—	2	—	—	2	—	—
19	11	—	—	11	—	—	13	—	—	13	—	—
≤ 18	204	1	—	169	8	26	209	1	—	172	10	26
										Total trips:		593

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

	Inbound						Outbound					
Grand Total	2,125	—	—	1,629	450	46	2,147	1	1	1,638	459	48

FOREIGN

Total	26	—	—	12	14	—	50	1	1	24	24	—
25	—	—	—	—	—	—	1	—	1	—	—	—
22	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	26	—	—	12	14	—	48	—	—	24	24	—

DOMESTIC

Total	2,099	—	—	1,617	436	46	2,097	—	—	1,614	435	48
≤ 18	2,099	—	—	1,617	436	46	2,097	—	—	1,614	435	48
										Total trips:		4,272

PORT OF LONGVIEW, WA

	Inbound						Outbound					
Grand Total	1,547	201	—	887	383	76	1,578	202	—	947	353	76

FOREIGN

Total	199	198	—	—	1	—	200	198	—	1	1	—
40	—	—	—	—	—	—	1	1	—	—	—	—
39	—	—	—	—	—	—	2	2	—	—	—	—
38	3	3	—	—	—	—	13	13	—	—	—	—
37	—	—	—	—	—	—	3	3	—	—	—	—
36	3	3	—	—	—	—	9	9	—	—	—	—
35	2	2	—	—	—	—	14	14	—	—	—	—
34	7	7	—	—	—	—	24	24	—	—	—	—
33	8	8	—	—	—	—	7	7	—	—	—	—
32	7	7	—	—	—	—	37	37	—	—	—	—
31	2	2	—	—	—	—	15	15	—	—	—	—
30	6	6	—	—	—	—	8	8	—	—	—	—
29	5	5	—	—	—	—	7	7	—	—	—	—

Trips and Drafts of Vessels, 2000
(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 - continued												
	Inbound						Outbound					
FOREIGN												
28	11	11	—	—	—	—	6	6	—	—	—	—
27	9	9	—	—	—	—	6	6	—	—	—	—
26	15	15	—	—	—	—	10	10	—	—	—	—
25	14	14	—	—	—	—	13	13	—	—	—	—
24	15	15	—	—	—	—	4	4	—	—	—	—
23	4	4	—	—	—	—	4	4	—	—	—	—
22	12	12	—	—	—	—	5	5	—	—	—	—
21	20	20	—	—	—	—	2	2	—	—	—	—
20	14	14	—	—	—	—	3	3	—	—	—	—
19	18	18	—	—	—	—	—	—	—	—	—	—
18	9	9	—	—	—	—	2	2	—	—	—	—
17	3	3	—	—	—	—	—	—	—	—	—	—
16	6	6	—	—	—	—	1	1	—	—	—	—
15	3	3	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
13	2	1	—	—	—	1	—	—	—	—	—	—
≤ 12	1	1	—	—	—	—	2	—	—	1	1	—
DOMESTIC												
Total	1,348	3	—	887	382	76	1,378	4	—	946	352	76
19	3	—	—	3	—	—	5	—	—	5	—	—
18	5	—	—	1	—	4	1	—	—	1	—	—
15	10	—	—	9	1	—	7	—	—	7	—	—
14	47	—	—	10	37	—	47	—	—	11	33	3
13	13	—	—	13	—	—	16	—	—	16	—	—
≤ 12	1,270	3	—	851	344	72	1,302	4	—	906	319	73
										Total trips:		3,125

PORT OF KALAMA, WA

Draft	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	1,361	124	11	882	220	124	1,303	126	11	940	142	84
FOREIGN												
Total	128	124	4	—	—	—	133	126	7	—	—	—
40	—	—	—	—	—	—	5	5	—	—	—	—
39	—	—	—	—	—	—	14	13	1	—	—	—
38	—	—	—	—	—	—	24	24	—	—	—	—
37	—	—	—	—	—	—	8	7	1	—	—	—
36	1	1	—	—	—	—	20	20	—	—	—	—
35	—	—	—	—	—	—	7	7	—	—	—	—
34	5	5	—	—	—	—	9	9	—	—	—	—
33	3	2	1	—	—	—	9	8	1	—	—	—
32	2	2	—	—	—	—	3	3	—	—	—	—
31	—	—	—	—	—	—	2	2	—	—	—	—
30	4	3	1	—	—	—	8	6	2	—	—	—
29	1	1	—	—	—	—	2	2	—	—	—	—
28	4	3	1	—	—	—	1	1	—	—	—	—
27	4	4	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	2	2	—	—	—	—
25	6	5	1	—	—	—	5	4	1	—	—	—
24	5	5	—	—	—	—	1	1	—	—	—	—
23	9	9	—	—	—	—	2	2	—	—	—	—
22	16	16	—	—	—	—	3	2	1	—	—	—
21	20	20	—	—	—	—	2	2	—	—	—	—
20	23	23	—	—	—	—	1	1	—	—	—	—
19	12	12	—	—	—	—	3	3	—	—	—	—
≤ 18	12	12	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	1,233	—	7	882	220	124	1,170	—	4	940	142	84
33	1	—	1	—	—	—	—	—	—	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
31	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	1	—	1	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—

Trips and Drafts of Vessels, 2000
(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					
DOMESTIC												
26	1	—	—	1	—	—	—	—	—	2	—	—
24	1	—	—	1	—	—	—	—	—	—	—	—
≤ 18	1,226	—	—	—	882	220	124	1,166	—	—	940	142
											Total trips:	2,664

MULTNOMAH CHANNEL, OR

	Upbound						Downbound					
Grand Total	966	—	—	477	481	8	812	—	—	320	483	9
DOMESTIC												
Total	966	—	—	477	481	8	812	—	—	320	483	9
12	15	—	—	15	—	—	17	—	—	17	—	—
11	1	—	—	1	—	—	5	—	—	5	—	—
10	64	—	—	1	63	—	19	—	—	5	14	—
9	462	—	—	209	245	8	45	—	—	16	29	—
8	89	—	—	3	86	—	30	—	—	8	16	6
7	120	—	—	105	15	—	115	—	—	112	3	—
6	16	—	—	14	2	—	23	—	—	21	2	—
5	128	—	—	128	—	—	127	—	—	127	—	—
4	31	—	—	—	31	—	172	—	—	—	172	—
3	33	—	—	1	32	—	247	—	—	9	238	—
2	7	—	—	—	7	—	12	—	—	—	9	3
										Total trips:	1,778	

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

	Upbound						Downbound					
Grand Total	2,794	441	3	1,602	603	145	2,652	436	5	1,558	548	105
FOREIGN												
Total	456	439	3	7	3	4	448	434	5	4	1	4
39	1	—	1	—	—	—	—	—	—	—	—	—
38	5	5	—	—	—	—	—	—	—	—	—	—
37	1	—	—	—	—	—	3	3	—	—	—	—
36	7	7	—	—	—	—	12	12	—	—	—	—
35	11	11	—	—	—	—	23	23	—	—	—	—
34	34	34	—	—	—	—	50	49	1	—	—	—
33	38	38	—	—	—	—	29	29	—	—	—	—
32	32	32	—	—	—	—	45	44	1	—	—	—
31	35	35	—	—	—	—	18	18	—	—	—	—
30	17	17	—	—	—	—	20	19	1	—	—	—
29	36	36	—	—	—	—	19	19	—	—	—	—
28	25	24	1	—	—	—	23	23	—	—	—	—
27	28	27	1	—	—	—	31	31	—	—	—	—
26	40	40	—	—	—	—	30	30	—	—	—	—
25	50	50	—	—	—	—	42	42	—	—	—	—
24	44	44	—	—	—	—	42	42	—	—	—	—
23	20	20	—	—	—	—	20	19	1	—	—	—
22	12	11	—	—	—	1	16	16	—	—	—	—
21	4	3	—	—	1	—	5	4	1	—	—	—
20	2	2	—	—	—	—	10	10	—	—	—	—
19	3	2	—	1	—	—	2	—	—	2	—	—
18	—	—	—	—	—	—	1	—	—	1	—	—
17	1	—	—	1	—	—	1	1	—	—	—	—
16	1	—	—	—	—	1	—	—	—	—	—	—
15	1	—	—	1	—	—	—	—	—	—	—	—
14	2	—	—	1	—	1	—	—	—	1	—	—
13	1	—	—	—	1	—	—	—	—	—	—	—
12	1	—	—	—	—	1	—	—	—	—	—	—
10	3	—	—	2	1	—	1	—	—	—	1	—
8	1	—	—	1	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	3	—	—	—	—	3
3	—	—	—	—	—	—	1	—	—	—	—	1

Trips and Drafts of Vessels, 2000
(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

DOMESTIC

Total	2,338	2	—	1,595	600	141	2,204	2	—	1,554	547	101
14	23	—	—	2	21	—	24	—	—	2	22	—
13	15	—	—	—	15	—	16	—	—	—	16	—
12	254	—	—	251	—	3	274	—	—	250	24	—
11	154	—	—	149	1	4	143	—	—	143	—	—
10	497	—	—	423	73	1	459	—	—	408	41	10
9	545	—	—	508	33	4	512	—	—	498	—	14
8	127	1	—	104	16	6	106	1	—	104	1	—
7	79	—	—	55	13	11	55	—	—	53	1	1
6	128	1	—	88	36	3	90	1	—	89	—	—
5	25	—	—	14	7	4	8	—	—	7	—	1
4	16	—	—	—	10	6	138	—	—	—	138	—
3	247	—	—	1	234	12	209	—	—	—	182	27
2	228	—	—	—	141	87	170	—	—	—	122	48
										Total trips:		5,446

PORT OF VANCOUVER, WA

Inbound

Outbound

Grand Total	5,681	326	23	3,323	1,385	624	5,606	317	19	3,401	1,294	575
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FOREIGN

Total	279	275	1	2	—	1	269	267	—	1	1	—
39	2	2	—	—	—	—	2	2	—	—	—	—
38	2	2	—	—	—	—	8	8	—	—	—	—
37	2	2	—	—	—	—	14	14	—	—	—	—
36	4	4	—	—	—	—	10	10	—	—	—	—
35	8	8	—	—	—	—	22	22	—	—	—	—
34	5	5	—	—	—	—	25	25	—	—	—	—
33	9	9	—	—	—	—	15	15	—	—	—	—
32	8	8	—	—	—	—	19	19	—	—	—	—
31	9	9	—	—	—	—	15	15	—	—	—	—
30	13	13	—	—	—	—	20	20	—	—	—	—
29	13	13	—	—	—	—	9	9	—	—	—	—
28	20	20	—	—	—	—	15	15	—	—	—	—
27	18	18	—	—	—	—	17	17	—	—	—	—
26	15	14	1	—	—	—	13	13	—	—	—	—
25	16	16	—	—	—	—	17	17	—	—	—	—
24	12	12	—	—	—	—	8	8	—	—	—	—
23	12	12	—	—	—	—	13	13	—	—	—	—
22	12	12	—	—	—	—	6	6	—	—	—	—
21	36	36	—	—	—	—	2	2	—	—	—	—
20	24	24	—	—	—	—	7	7	—	—	—	—
19	10	10	—	—	—	—	3	3	—	—	—	—
≤ 18	29	26	—	2	—	1	9	7	—	1	1	—

DOMESTIC

Total	5,402	51	22	3,321	1,385	623	5,337	50	19	3,400	1,293	575
38	2	—	2	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	11	—	11	—	—	—	—	—	—	—	—	—
34	4	—	4	—	—	—	2	—	—	—	—	—
33	2	—	2	—	—	—	12	—	2	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
31	1	—	1	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	—	—	—	—	—	—	1	—	1	—	—	—
25	1	—	—	—	—	1	3	—	—	—	—	3
24	—	—	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—
20	10	—	—	10	—	—	10	—	—	10	—	—
≤ 18	5,368	50	—	3,311	1,385	622	5,304	49	—	3,390	1,293	572
										Total trips:		11,287

Trips and Drafts of Vessels, 2000
(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

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
Grand Total	5,200	418	—	1,562	2,180	1,040	5,344	412	—	1,495	2,180	1,257
FOREIGN												
Total	4	1	—	1	2	—	2	1	—	1	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
18	1	—	—	—	1	—	—	—	—	—	—	—
16	1	—	—	—	1	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	—	1	—	—
11	1	—	—	1	—	—	—	—	—	—	—	—
DOMESTIC												
Total	5,196	417	—	1,561	2,178	1,040	5,342	411	—	1,494	2,180	1,257
17	10	—	—	—	—	10	—	—	—	—	—	—
16	6	—	—	—	—	6	166	—	—	—	166	—
15	24	—	—	—	1	23	27	—	—	—	27	—
14	82	—	—	—	54	28	540	—	—	—	199	341
13	173	—	—	2	133	38	553	—	—	1	373	179
12	116	—	—	65	24	27	351	—	—	59	225	67
11	227	—	—	130	17	80	207	—	—	77	116	14
10	312	11	—	180	56	65	463	9	—	215	228	11
9	454	—	—	259	136	59	296	—	—	221	67	8
8	422	37	—	322	8	55	348	37	—	270	33	8
7	424	21	—	290	8	105	369	21	—	325	18	5
≤ 6	2,946	348	—	313	1,741	544	2,022	344	—	326	728	624
Total trips:											10,544	

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

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
Grand Total	4,297	69	—	1,075	1,979	1,174	4,232	67	—	1,011	1,979	1,175
DOMESTIC												
Total	4,297	69	—	1,075	1,979	1,174	4,232	67	—	1,011	1,979	1,175
17	10	—	—	—	—	10	—	—	—	—	—	—
16	6	—	—	—	—	6	166	—	—	—	166	—
15	24	—	—	—	1	23	27	—	—	—	27	—
14	188	—	—	—	69	119	465	—	—	—	224	241
13	72	—	—	2	21	49	402	—	—	1	214	187
12	86	—	—	36	24	26	313	—	—	42	221	50
11	212	—	—	131	2	79	207	—	—	84	110	13
10	342	11	—	225	41	65	425	9	—	244	161	11
9	506	—	—	165	283	58	195	—	—	136	51	8
8	372	37	—	278	3	54	325	37	—	259	21	8
7	174	21	—	44	4	105	71	21	—	30	15	5
6	87	—	—	25	2	60	78	—	—	16	55	7
5	282	—	—	169	2	111	230	—	—	199	31	—
4	167	—	—	—	103	64	250	—	—	—	7	243
3	1,257	—	—	—	967	290	718	—	—	—	477	241
2	512	—	—	—	457	55	360	—	—	—	199	161
Total trips:											8,529	

PORT OF PORTLAND, OR

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	17,085	1,458	265	10,101	3,029	2,232	16,866	1,472	202	10,091	3,033	2,068
FOREIGN												
Total	1,192	1,034	50	39	41	28	1,179	1,044	50	28	43	14
40	—	—	—	—	—	—	11	10	1	—	—	—
39	2	—	2	—	—	—	17	16	1	—	—	—
38	8	7	1	—	—	—	28	—	—	—	—	—
37	10	4	6	—	—	—	25	24	1	—	—	—
36	16	12	4	—	—	—	43	42	1	—	—	—

Trips and Drafts of Vessels, 2000
(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

35	20	19	1	—	—	—	71	69	2	—	—	—
34	45	43	2	—	—	—	91	88	3	—	—	—
33	45	44	1	—	—	—	64	63	1	—	—	—
32	45	41	4	—	—	—	92	88	2	1	1	—
31	52	51	1	—	—	—	38	37	1	—	—	—
30	39	37	2	—	—	—	41	39	2	—	—	—
29	90	86	4	—	—	—	45	42	3	—	—	—
28	63	59	4	—	—	—	64	62	2	—	—	—
27	64	58	6	—	—	—	62	60	2	—	—	—
26	66	62	4	—	—	—	61	59	2	—	—	—
25	82	80	2	—	—	—	86	85	1	—	—	—
24	73	70	3	—	—	—	75	73	2	—	—	—
23	42	42	—	—	—	—	46	41	5	—	—	—
22	55	53	—	—	1	1	37	35	2	—	—	—
21	69	66	—	—	3	—	27	20	7	—	—	—
20	96	71	1	—	24	—	24	19	2	—	3	—
19	57	54	—	2	—	1	14	10	2	2	—	—
≤ 18	153	75	2	37	13	26	117	34	5	25	39	14

DOMESTIC

Total	15,893	424	215	10,062	2,988	2,204	15,687	428	152	10,063	2,990	2,054
40	1	—	1	—	—	—	—	—	—	—	—	—
39	6	—	6	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	39	—	39	—	—	—	1	—	1	—	—	—
36	6	—	6	—	—	—	2	—	2	—	—	—
35	25	—	25	—	—	—	18	—	18	—	—	—
34	16	—	16	—	—	—	8	—	8	—	—	—
33	26	—	26	—	—	—	5	—	5	—	—	—
32	21	—	21	—	—	—	12	—	12	—	—	—
31	10	—	10	—	—	—	4	—	4	—	—	—
30	9	—	9	—	—	—	7	—	7	—	—	—
29	10	—	10	—	—	—	6	—	6	—	—	—
28	9	—	9	—	—	—	8	2	6	—	—	—
27	7	—	7	—	—	—	4	1	3	—	—	—
26	9	—	9	—	—	—	3	—	3	—	—	—
25	22	—	1	—	—	21	17	—	10	—	—	7
24	5	1	3	—	—	1	2	—	2	—	—	—
23	5	—	1	—	—	4	15	—	15	—	—	—
22	3	—	2	—	—	1	22	—	22	—	—	—
21	17	—	2	—	—	15	6	—	1	—	—	5
20	69	—	1	56	6	6	63	—	14	48	—	1
19	20	—	—	4	—	16	15	—	2	5	—	8
≤ 18	15,555	423	8	10,002	2,982	2,140	15,469	425	11	10,010	2,990	2,033
Total trips:											33,951	

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

Upbound

Downbound

Grand Total	3,307	217	—	1,585	1,503	2	3,322	131	—	1,624	1,567	—
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DOMESTIC

Total	3,307	217	—	1,585	1,503	2	3,322	131	—	1,624	1,567	—
11	10	—	—	5	5	—	18	—	—	3	15	—
10	4	—	—	—	4	—	3	—	—	—	3	—
9	—	—	—	—	—	—	1	—	—	—	1	—
8	16	—	—	16	—	—	23	—	—	21	2	—
7	232	38	—	192	2	—	237	38	—	197	2	—
6	1,080	—	—	1,078	2	—	1,140	—	—	1,078	62	—
5	363	179	—	4	180	—	233	93	—	4	136	—
4	345	—	—	286	59	—	1,081	—	—	318	763	—
3	34	—	—	4	28	2	389	—	—	3	386	—
2	1,223	—	—	—	1,223	—	197	—	—	—	197	—
Total trips:											6,629	

Trips and Drafts of Vessels, 2000
(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												
	Inbound						Outbound					
Grand Total	1,115	68	---	928	101	18	1,149	70	---	936	123	20
FOREIGN												
Total	98	67	---	13	18	---	109	70	---	17	22	---
35	1	1	---	---	---	---	2	2	---	---	---	---
34	1	1	---	---	---	---	10	10	---	---	---	---
33	---	---	---	---	---	---	13	13	---	---	---	---
32	1	1	---	---	---	---	13	13	---	---	---	---
31	4	4	---	---	---	---	10	10	---	---	---	---
30	---	---	---	---	---	---	3	3	---	---	---	---
29	6	6	---	---	---	---	2	2	---	---	---	---
28	3	3	---	---	---	---	4	4	---	---	---	---
27	7	7	---	---	---	---	3	3	---	---	---	---
26	13	13	---	---	---	---	---	---	---	---	---	---
25	5	5	---	---	---	---	2	2	---	---	---	---
24	5	5	---	---	---	---	3	3	---	---	---	---
23	6	6	---	---	---	---	1	1	---	---	---	---
22	5	5	---	---	---	---	1	---	---	---	1	---
21	---	---	---	---	---	---	1	1	---	---	---	---
20	3	3	---	---	---	---	1	---	---	1	---	---
19	4	3	---	---	1	---	1	---	---	1	---	---
18	4	2	---	1	1	---	1	---	---	---	1	---
17	4	1	---	1	2	---	2	---	---	2	---	---
16	6	---	---	3	3	---	2	---	---	1	---	---
15	2	---	---	2	---	---	5	1	---	4	---	---
14	12	---	---	3	9	---	6	1	---	2	3	---
13	1	---	---	---	1	---	2	---	---	2	---	---
≤ 12	5	1	---	3	1	---	21	1	---	4	16	---
DOMESTIC												
Total	1,017	1	---	915	83	18	1,040	---	---	919	101	20
20	3	---	---	3	---	---	10	---	---	10	---	---
19	13	---	---	13	---	---	12	---	---	12	---	---
18	3	---	---	3	---	---	5	---	---	5	---	---
17	2	---	---	---	---	2	1	---	---	---	---	1
16	17	---	---	17	---	---	27	---	---	16	1	10
15	12	---	---	12	---	---	16	---	---	13	3	---
14	35	---	---	34	1	---	39	---	---	28	6	5
13	18	---	---	18	---	---	15	---	---	13	2	---
≤ 12	914	1	---	815	82	16	915	---	---	822	89	4
										Total trips:		2,264
COLUMBIA RIVER SYSTEM												
	Upbound						Downbound					
Grand Total	34,270	9,823	334	15,126	6,218	2,769	34,149	9,850	193	15,126	6,227	2,753
FOREIGN												
Total	1,991	1,743	58	98	63	29	2,014	1,758	64	103	75	14
40	---	---	---	---	---	---	18	17	1	---	---	---
39	4	2	2	---	---	---	37	35	2	---	---	---
38	18	17	1	---	---	---	77	77	---	---	---	---
37	15	9	6	---	---	---	52	49	3	---	---	---
36	26	22	4	---	---	---	87	85	2	---	---	---
35	31	30	1	---	---	---	119	117	2	---	---	---
34	62	60	2	---	---	---	159	156	3	---	---	---
33	66	64	2	---	---	---	108	106	2	---	---	---
32	62	58	4	---	---	---	174	169	3	1	1	---
31	66	65	1	---	---	---	76	75	1	---	---	---
30	65	62	3	---	---	---	86	81	5	---	---	---
29	110	106	4	---	---	---	67	64	3	---	---	---
28	102	97	5	---	---	---	86	84	2	---	---	---
27	101	95	6	---	---	---	89	87	2	---	---	---
26	104	99	5	---	---	---	91	89	2	---	---	---
25	125	121	4	---	---	---	126	123	3	---	---	---
24	108	104	4	---	---	---	90	88	2	---	---	---
23	70	69	1	---	---	---	66	61	5	---	---	---

Trips and Drafts of Vessels, 2000
(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												
22	99	97	—	—	1	1	56	52	4	—	—	—
21	165	162	—	—	3	—	39	32	7	—	—	—
20	169	144	1	—	24	—	38	32	3	—	3	—
19	111	106	—	4	—	1	22	16	2	4	—	—
18	92	91	—	—	1	—	27	21	4	2	—	—
17	30	27	—	2	—	1	7	7	—	—	—	—
16	28	18	1	6	1	2	11	4	1	6	—	—
15	62	8	1	44	2	7	42	2	—	39	—	1
14	20	—	—	5	9	6	25	1	—	4	19	1
13	27	3	—	9	9	6	13	1	—	7	2	3
12	17	1	—	10	3	3	21	6	—	10	5	—
11	8	1	—	2	5	—	8	—	—	2	6	—
10	10	2	—	6	2	—	9	—	—	5	3	1
9	5	1	—	3	1	—	9	1	—	6	2	—
8	8	1	—	7	—	—	23	1	—	16	4	2
7	—	—	—	—	—	—	1	1	—	—	—	—
6	1	1	—	—	—	—	2	1	—	—	1	—
5	—	—	—	—	—	—	1	—	—	—	1	—
4	3	—	—	—	2	1	5	—	—	—	2	3
3	1	—	—	—	—	1	46	16	—	1	26	3
2	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	32,279	8,080	276	15,028	6,155	2,740	32,135	8,092	129	15,023	6,152	2,739
40	1	—	1	—	—	—	—	—	—	—	—	—
39	6	—	6	—	—	—	—	—	—	—	—	—
38	5	—	5	—	—	—	—	—	—	—	—	—
37	39	—	39	—	—	—	1	—	1	—	—	—
36	9	—	9	—	—	—	—	—	—	—	—	—
35	38	—	38	—	—	—	16	—	16	—	—	—
34	21	—	21	—	—	—	7	—	7	—	—	—
33	31	—	31	—	—	—	3	—	3	—	—	—
32	25	—	25	—	—	—	10	—	10	—	—	—
31	13	—	13	—	—	—	3	—	3	—	—	—
30	13	—	13	—	—	—	4	—	4	—	—	—
29	16	—	16	—	—	—	2	—	2	—	—	—
28	14	—	14	—	—	—	4	2	2	—	—	—
27	12	—	12	—	—	—	1	1	—	—	—	—
26	12	—	12	—	—	—	3	—	3	—	—	—
25	25	—	2	—	—	23	21	—	12	—	—	9
24	5	1	3	—	—	1	4	1	3	—	—	—
23	6	—	2	—	—	4	14	—	14	—	—	—
22	4	1	2	—	—	1	22	—	22	—	—	—
21	18	—	2	—	—	16	5	—	1	—	—	4
20	95	—	1	82	6	6	52	—	14	37	—	1
19	40	—	1	21	—	18	34	—	1	27	—	6
18	22	—	—	7	—	15	13	—	—	5	—	8
17	48	—	1	4	—	43	14	—	1	1	10	2
16	182	—	1	43	98	40	122	—	—	39	73	10
15	78	—	—	31	19	28	55	—	1	27	24	3
14	590	—	—	116	341	133	512	—	—	58	292	162
13	617	—	—	153	349	115	431	—	—	151	213	67
12	1,103	—	1	843	160	99	1,426	—	—	1,268	131	27
11	1,986	70	2	1,441	356	117	1,500	—	—	1,277	215	8
10	3,109	111	3	2,682	222	91	1,838	75	—	1,142	143	478
9	3,641	—	—	3,226	316	99	4,502	—	—	3,150	870	482
8	2,115	134	—	1,744	117	120	4,257	49	7	2,858	857	486
7	2,754	90	—	2,444	41	179	2,904	42	2	2,842	7	11
6	1,675	188	—	1,217	157	113	1,562	—	—	1,447	88	27
5	1,666	663	—	576	259	168	993	444	—	362	159	28
4	881	—	—	315	379	187	1,472	—	—	319	1,045	108
3	8,262	5,994	—	76	1,574	618	8,411	6,753	—	12	1,501	145
2	3,081	807	—	7	1,761	506	1,896	704	—	1	524	667
1	21	21	—	—	—	—	21	21	—	—	—	—
Total trips:											68,419	

Trips and Drafts of Vessels, 2000
(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
ALSEA BAY AND RIVER, OR No Vessel Trips Reported												
CHETCO RIVER, OR No Vessel Trips Reported												
CHINOOK CHANNEL, WA (3 feet and less)												
				Upbound							Downbound	
Grand Total	---	---	---	---	---	---	2	---	---	---	1	1
											Total trips:	
											1	2
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 (7 feet and less)												
				Upbound							Downbound	
Grand Total	8	---	---	8	---	---	8	---	---	---	8	---
											Total trips:	
											---	16
COQUILLE RIVER, OR No Vessel Trips Reported												
COWLITZ RIVER, WA No Vessel Trips Reported												
DEEP RIVER, WA No Vessel Trips Reported												
DEPOE BAY, OR No Vessel Trips Reported												
ELOKOMIN SLOUGH, WA No Vessel Trips Reported												
GRAYS RIVER, WA No Vessel Trips Reported												
LAKE RIVER, WA (6 feet and less)												
				Upbound							Downbound	
Grand Total	4	---	---	4	---	---	4	---	---	---	4	---
											Total trips:	
											---	8
LEWIS RIVER, WA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2000
(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 ST. HELENS, OR (12 feet and less)													
			Inbound							Outbound			
Grand Total	5	2	—	2	1	—	5	2	—	2	1	—	
										Total trips:		10	
PORT ORFORD, OR No Vessel Trips Reported													
ROGUE RIVER, OR (2 feet and less)													
			Upbound							Downbound			
Grand Total	1,543	1,543	—	—	—	—	1,543	1,543	—	—	—	—	
										Total trips:		3,086	
SIUSLAW RIVER, OR No Vessel Trips Reported													
SKAMOKAWA (STEAMBOAT) SLOUGH, WA (9 feet and less)													
			Upbound							Downbound			
Grand Total	4	—	—	1	—	3	4	—	—	1	—	3	
										Total trips:		8	
SKAMOKAWA CREEK, WA (9 feet and less)													
			Upbound							Downbound			
Grand Total	1	—	—	1	—	—	2	—	—	2	—	—	
										Total trips:		3	
SKIPANON CHANNEL, OR (15 feet and less)													
			Upbound							Downbound			
Grand Total	116	—	—	51	64	1	136	—	—	43	93	—	
										Total trips:		252	
SMITH RIVER, OR No Vessel Trips Reported													
TILLAMOOK BAY AND BAR, OR (6 feet and less)													
			Inbound							Outbound			
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—	
										Total trips:		2	
UMPQUA RIVER, OR (11 feet and less)													
			Upbound							Downbound			
Grand Total	283	—	—	168	115	—	291	—	—	136	155	—	
										Total trips:		574	

Trips and Drafts of Vessels, 2000
(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
WESTPORT SLOUGH, OR (3 feet and less)												
			Upbound						Downbound			
Grand Total	6,372	6,372	---	---	---	---	6,372	6,372	---	---	---	---
											Total trips:	12,744
YAQUINA BAY AND HARBOR, OR No Vessel Trips Reported												
YAQUINA RIVER, OR No Vessel Trips Reported												
YOUNGS BAY AND YOUNGS RIVER, OR (7 feet and less)												
			Upbound						Downbound			
Grand Total	3	---	---	3	---	---	2	---	---	2	---	---
											Total trips:	5

Trips and Drafts of Vessels, 2000
(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	1,557	52	—	851	653	1	1,723	51	—	918	753	1
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FOREIGN

Total	85	52	—	16	17	—	66	51	—	9	6	—
35	—	—	—	—	—	—	2	2	—	—	—	—
34	1	1	—	—	—	—	4	4	—	—	—	—
33	1	1	—	—	—	—	9	9	—	—	—	—
32	1	1	—	—	—	—	9	9	—	—	—	—
31	1	1	—	—	—	—	1	1	—	—	—	—
30	1	1	—	—	—	—	2	2	—	—	—	—
29	—	—	—	—	—	—	2	2	—	—	—	—
28	—	—	—	—	—	—	2	2	—	—	—	—
27	1	1	—	—	—	—	4	4	—	—	—	—
26	4	4	—	—	—	—	4	4	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	3	3	—	—	—	—	5	5	—	—	—	—
22	3	3	—	—	—	—	1	1	—	—	—	—
21	10	10	—	—	—	—	4	4	—	—	—	—
20	4	4	—	—	—	—	—	—	—	—	—	—
19	4	4	—	—	—	—	1	1	—	—	—	—
18	8	7	—	—	—	1	—	—	—	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—
16	8	—	—	3	5	—	2	—	—	1	1	—
15	2	1	—	1	—	—	1	—	—	1	—	—
14	9	—	—	2	7	—	2	—	—	1	1	—
13	3	—	—	1	2	—	—	—	—	—	—	—
≤ 12	12	1	—	9	2	—	11	1	—	6	4	—

DOMESTIC

Total	1,472	—	—	835	636	1	1,657	—	—	909	747	1
19	17	—	—	17	—	—	13	—	—	13	—	—
17	—	—	—	—	—	—	1	—	—	—	1	—
16	3	—	—	3	—	—	14	—	—	3	10	1
15	9	—	—	9	—	—	39	—	—	36	3	—
14	1	—	—	1	—	—	7	—	—	1	6	—
13	40	—	—	40	—	—	39	—	—	37	2	—
≤ 12	1,402	—	—	765	636	1	1,544	—	—	819	725	—
										Total trips:		3,280

PORT ANGELES HARBOR, WA

Inbound

Outbound

Grand Total	1,706	48	34	1,218	123	283	1,749	49	31	1,227	165	277
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FOREIGN

Total	187	48	9	64	66	—	237	49	3	82	103	—
41	1	—	1	—	—	—	—	—	—	—	—	—
40	2	—	2	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	2	1	—	—	1	—
36	3	2	1	—	—	—	3	3	—	—	—	—
35	2	—	2	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	2	2	—	—	—	—
32	—	—	—	—	—	—	5	5	—	—	—	—
30	1	1	—	—	—	—	2	2	—	—	—	—
28	—	—	—	—	—	—	4	4	—	—	—	—
27	1	—	1	—	—	—	—	—	—	—	—	—
26	3	2	—	—	1	—	1	1	—	—	—	—
25	1	1	—	—	—	—	3	3	—	—	—	—
24	5	5	—	—	—	—	6	5	1	—	—	—
23	1	1	—	—	—	—	2	2	—	—	—	—
22	4	3	—	1	—	—	1	1	—	—	—	—
21	4	4	—	—	—	—	3	3	—	—	—	—
20	1	—	—	—	1	—	1	—	—	—	1	—
≤ 18	157	29	1	63	64	—	201	17	1	82	101	—

Trips and Drafts of Vessels, 2000
(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	1,519	—	25	1,154	57	283	1,512	—	28	1,145	62	277
40	—	—	—	—	—	—	1	—	1	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
31	1	—	1	—	—	—	—	—	—	—	—	—
29	2	—	2	—	—	—	1	—	1	—	—	—
22	220	—	—	220	—	—	233	—	—	233	—	—
21	2	—	2	—	—	—	1	—	1	—	—	—
20	4	—	—	1	1	2	3	—	—	—	—	3
19	4	—	—	3	—	1	9	—	—	9	—	—
≤ 18	1,285	—	19	930	56	280	1,263	—	24	903	62	274
										Total trips:		3,455

HAMMERSLEY INLET, WA

	Upbound						Downbound					
Grand Total	423	—	—	238	185	—	416	—	—	243	173	—
DOMESTIC												
Total	423	—	—	238	185	—	416	—	—	243	173	—
13	1	—	—	1	—	—	1	—	—	1	—	—
12	2	—	—	2	—	—	2	—	—	2	—	—
10	186	—	—	186	—	—	190	—	—	190	—	—
9	7	—	—	7	—	—	11	—	—	11	—	—
8	30	—	—	30	—	—	44	—	—	32	12	—
7	3	—	—	3	—	—	40	—	—	3	37	—
≤ 6	194	—	—	9	185	—	128	—	—	4	124	—
										Total trips:		839

OLYMPIA HARBOR, WA

	Inbound						Outbound					
Grand Total	251	8	—	168	75	—	239	9	—	156	74	—
FOREIGN												
Total	13	7	—	3	3	—	13	8	—	3	2	—
32	—	—	—	—	—	—	4	4	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	8	2	—	3	3	—	7	2	—	3	2	—
DOMESTIC												
Total	238	1	—	165	72	—	226	1	—	153	72	—
≤ 18	238	1	—	165	72	—	226	1	—	153	72	—
										Total trips:		490

Trips and Drafts of Vessels, 2000
(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	16,638	7,561	99	6,774	963	1,241	16,550	7,603	91	6,639	972	1,245
FOREIGN												
Total	1,506	962	36	245	217	46	1,439	957	33	205	180	64
47	—	—	—	—	—	—	1	1	—	—	—	—
44	—	—	—	—	—	—	2	2	—	—	—	—
43	—	—	—	—	—	—	2	2	—	—	—	—
42	5	5	—	—	—	—	4	4	—	—	—	—
41	1	1	—	—	—	—	9	9	—	—	—	—
40	3	3	—	—	—	—	25	25	—	—	—	—
39	12	12	—	—	—	—	6	6	—	—	—	—
38	16	16	—	—	—	—	98	98	—	—	—	—
37	39	39	—	—	—	—	13	13	—	—	—	—
36	46	46	—	—	—	—	85	85	—	—	—	—
35	75	74	1	—	—	—	43	43	—	—	—	—
34	80	80	—	—	—	—	56	56	—	—	—	—
33	39	39	—	—	—	—	36	36	—	—	—	—
32	72	72	—	—	—	—	72	72	—	—	—	—
31	21	20	1	—	—	—	47	47	—	—	—	—
30	40	39	1	—	—	—	49	48	1	—	—	—
29	28	28	—	—	—	—	35	33	2	—	—	—
28	25	25	—	—	—	—	64	62	1	—	—	1
27	48	47	1	—	—	—	28	27	1	—	—	—
26	90	89	1	—	—	—	93	91	2	—	—	—
25	47	46	1	—	—	—	50	44	6	—	—	—
24	56	54	2	—	—	—	35	33	2	—	—	—
23	43	40	3	—	—	—	33	32	1	—	—	—
22	27	23	3	—	—	—	26	18	8	—	—	—
21	31	25	6	—	—	—	21	12	8	1	—	—
20	40	35	5	—	—	—	12	12	—	—	—	—
19	23	16	6	—	—	—	4	4	—	—	—	—
18	28	23	5	—	—	—	12	8	1	—	2	1
17	12	6	—	1	—	—	2	1	—	—	—	1
16	14	2	—	2	—	—	30	—	—	1	19	10
15	25	16	—	—	—	—	23	10	—	4	1	8
14	80	22	—	34	—	—	67	9	—	31	9	18
13	21	2	—	9	—	—	8	—	—	4	1	3
≤ 12	419	17	—	199	160	43	348	14	—	164	148	22
DOMESTIC												
Total	15,132	6,599	63	6,529	746	1,195	15,111	6,646	58	6,434	792	1,181
47	—	—	—	—	—	—	1	—	1	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
41	3	—	3	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	1	—	1	—	—	—
39	8	—	8	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	2	—	2	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	3	—	3	—	—	—	2	—	2	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	14	14	—	—	—	—
32	1	—	1	—	—	—	18	18	—	—	—	—
31	2	1	1	—	—	—	27	27	—	—	—	—
30	4	4	—	—	—	—	28	27	1	—	—	—
29	13	13	—	—	—	—	21	21	—	—	—	—
28	162	161	1	—	—	—	146	144	2	—	—	—
27	21	20	1	—	—	—	10	9	1	—	—	—
26	15	15	—	—	—	—	9	9	—	—	—	—
25	13	10	—	—	—	—	5	4	—	—	—	1
24	3	3	—	—	—	—	1	1	—	—	—	—
23	1	—	1	—	—	—	—	—	—	—	—	—
22	65	—	—	65	—	—	63	—	—	63	—	—
21	5	—	—	—	—	5	9	—	—	—	—	9
20	16	—	1	11	—	4	13	—	1	8	—	4
19	15	—	—	3	—	12	19	—	—	3	—	16
18	308	—	—	300	—	8	311	—	—	306	—	5
17	1,792	—	—	1,776	—	16	1,771	—	—	1,756	—	15
16	44	—	—	26	2	16	44	—	—	21	—	23
15	342	—	—	317	—	25	339	—	—	316	1	22
14	887	—	—	820	3	64	811	—	—	798	1	12
13	251	—	—	148	2	101	190	—	—	123	4	63
≤ 12	11,146	6,372	31	3,063	739	941	11,258	6,372	49	3,040	786	1,011
										Total trips:		33,188

Trips and Drafts of Vessels, 2000
(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	50,386	36,977	135	8,786	2,804	1,684	50,036	36,970	138	8,878	2,542	1,508
FOREIGN												
Total	2,391	1,029	7	688	632	35	2,539	1,045	11	749	696	38
46	1	—	—	—	1	—	1	—	1	—	—	—
45	—	—	—	—	—	—	1	1	—	—	—	—
44	—	—	—	—	—	—	1	1	—	—	—	—
43	1	1	—	—	—	—	2	2	—	—	—	—
42	—	—	—	—	—	—	10	10	—	—	—	—
41	5	5	—	—	—	—	7	7	—	—	—	—
40	5	5	—	—	—	—	4	4	—	—	—	—
39	5	5	—	—	—	—	16	16	—	—	—	—
38	45	45	—	—	—	—	55	55	—	—	—	—
37	17	16	1	—	—	—	18	18	—	—	—	—
36	24	24	—	—	—	—	97	97	—	—	—	—
35	39	39	—	—	—	—	33	33	—	—	—	—
34	80	80	—	—	—	—	67	66	—	—	—	1
33	69	69	—	—	—	—	25	25	—	—	—	—
32	81	81	—	—	—	—	151	151	—	—	—	—
31	74	73	1	—	—	—	20	20	—	—	—	—
30	75	74	—	—	1	—	35	33	1	—	1	—
29	41	40	1	—	—	—	54	53	1	—	—	—
28	39	39	—	—	—	—	18	17	1	—	—	—
27	60	59	1	—	—	—	42	41	1	—	—	—
26	70	70	—	—	—	—	68	66	2	—	—	—
25	61	60	1	—	—	—	39	37	—	—	1	1
24	73	72	1	—	—	—	77	77	—	—	—	—
23	41	40	1	—	—	—	40	40	—	—	—	—
22	34	33	—	—	—	1	41	37	2	—	2	—
21	20	19	—	—	1	—	25	24	1	—	—	—
20	24	18	—	—	5	1	10	8	—	—	1	1
19	11	10	—	1	—	—	13	12	—	—	1	—
≤ 18	1,396	52	—	687	624	33	1,569	94	1	749	690	35
DOMESTIC												
Total	47,995	35,948	128	8,098	2,172	1,649	47,497	35,925	127	8,129	1,846	1,470
38	1	—	1	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	3	3	—	—	—	—
36	1	—	1	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	8	8	—	—	—	—
34	1	1	—	—	—	—	17	17	—	—	—	—
33	6	4	2	—	—	—	11	10	1	—	—	—
32	—	—	—	—	—	—	8	8	—	—	—	—
31	1	1	—	—	—	—	3	3	—	—	—	—
30	10	7	3	—	—	—	2	1	1	—	—	—
29	3	3	—	—	—	—	—	—	—	—	—	—
28	9	8	1	—	—	—	6	1	5	—	—	—
27	13	12	1	—	—	—	7	6	1	—	—	—
26	27	26	1	—	—	—	12	12	—	—	—	—
25	35	23	—	—	3	9	17	13	1	—	3	—
24	5	4	1	—	—	—	7	6	1	—	—	—
23	8	4	—	—	—	4	5	4	—	—	—	1
22	91	—	—	90	—	1	96	—	1	95	—	—
21	10	—	—	—	2	8	5	—	—	—	4	1
20	68	—	—	58	1	9	58	—	—	53	—	5
19	33	—	—	8	1	24	15	—	—	2	—	13
≤ 18	47,673	35,855	117	7,942	2,165	1,594	47,214	35,830	116	7,979	1,839	1,450
Total trips:											100,422	

Trips and Drafts of Vessels, 2000
(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

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
Grand Total	4,353	2,677	1	1,025	603	47	3,898	2,380	2	879	592	45
FOREIGN												
Total	10	4	1	5	—	—	11	2	2	5	1	1
24	1	—	1	—	—	—	—	—	—	—	—	—
≤ 22	9	4	—	5	—	—	11	2	2	5	1	1
DOMESTIC												
Total	4,343	2,673	—	1,020	603	47	3,887	2,378	—	874	591	44
≤ 22	4,343	2,673	—	1,020	603	47	3,887	2,378	—	874	591	44
											Total trips:	8,251

EVERETT HARBOR AND SNOHOMISH RIVER, WA

Grand Total	Inbound				Outbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	2,350	640	—	1,156	533	21	2,273	640	—	1,147	467	19
FOREIGN												
Total	351	42	—	107	202	—	324	42	—	101	181	—
38	—	—	—	—	—	—	1	1	—	—	—	—
37	1	1	—	—	—	—	—	—	—	—	—	—
36	2	2	—	—	—	—	—	—	—	—	—	—
35	1	1	—	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	2	2	—	—	—	—
33	—	—	—	—	—	—	2	2	—	—	—	—
32	4	4	—	—	—	—	9	9	—	—	—	—
31	2	2	—	—	—	—	—	—	—	—	—	—
30	2	2	—	—	—	—	2	2	—	—	—	—
29	2	2	—	—	—	—	—	—	—	—	—	—
28	1	1	—	—	—	—	5	5	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	4	4	—	—	—	—
25	—	—	—	—	—	—	2	2	—	—	—	—
24	2	2	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	2	2	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	3	2	—	1	—	—	—	—	—	—	—	—
≤ 18	324	16	—	106	202	—	291	9	—	101	181	—
DOMESTIC												
Total	1,999	598	—	1,049	331	21	1,949	598	—	1,046	286	19
22	5	—	—	5	—	—	6	—	—	6	—	—
19	—	—	—	—	—	—	2	—	—	2	—	—
≤ 18	1,994	598	—	1,044	331	21	1,941	598	—	1,038	286	19
											Total trips:	4,623

SWINOMISH CHANNEL, WA

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
Grand Total	378	136	—	193	49	—	378	142	—	187	49	—
FOREIGN												
Total	1	—	—	1	—	—	—	—	—	—	—	—
9	1	—	—	1	—	—	—	—	—	—	—	—
DOMESTIC												
Total	377	136	—	192	49	—	378	142	—	187	49	—
13	7	—	—	7	—	—	8	—	—	7	1	—
12	2	—	—	—	2	—	1	—	—	—	1	—
11	54	—	—	53	1	—	74	—	—	47	27	—
9	47	—	—	47	—	—	53	—	—	48	5	—
8	72	—	—	72	—	—	74	—	—	66	8	—
7	71	68	—	3	—	—	71	68	—	3	—	—
≤ 6	124	68	—	10	46	—	97	74	—	16	7	—
											Total trips:	756

Trips and Drafts of Vessels, 2000
(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

BELLINGHAM BAY AND HARBOR, WA

	Inbound						Outbound					
Grand Total	1,242	457	17	623	121	24	1,332	454	19	678	161	20

FOREIGN

Total	119	24	12	40	35	8	105	22	12	37	29	5
30	—	—	—	—	—	—	1	1	—	—	—	—
29	1	—	1	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	4	4	—	—	—	—
27	2	2	—	—	—	—	1	1	—	—	—	—
26	2	2	—	—	—	—	2	1	1	—	—	—
25	4	2	2	—	—	—	3	2	1	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
23	7	6	1	—	—	—	7	4	3	—	—	—
22	5	2	1	—	—	2	7	2	3	—	—	2
21	5	2	2	—	1	—	2	1	—	—	1	—
20	3	—	3	—	—	—	4	—	4	—	—	—
19	2	—	2	—	—	—	—	—	—	—	—	—
≤ 18	87	7	—	40	34	6	73	5	—	37	28	3

DOMESTIC

Total	1,123	433	5	583	86	16	1,227	432	7	641	132	15
33	1	—	1	—	—	—	—	—	1	—	—	—
30	—	—	—	—	—	—	1	—	—	—	—	—
29	—	—	—	—	—	—	2	—	2	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	1	—	1	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	1	—	1	—	—	—
22	258	—	1	257	—	—	291	—	—	291	—	—
20	2	—	—	2	—	—	—	—	—	—	—	—
≤ 18	860	433	1	324	86	16	930	432	1	350	132	15
										Total trips:		2,574

BLAINE HARBOR, WA
No Vessel Trips Reported

COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA
(10 feet and less)

	Upbound						Downbound					
Grand Total	17,233	17,227	—	6	—	—	17,231	17,227	—	4	—	—
										Total trips:		34,464

FLATHEAD LAKE, MT
No Vessel Trips Reported

HOQUIAM RIVER, WA
(13 feet and less)

	Upbound						Downbound					
Grand Total	63	—	—	59	4	—	72	—	—	67	5	—
										Total trips:		135

KOOTENAI RIVER, ID AND MT
No Vessel Trips Reported

NEAH BAY, WA
(17 feet and less)

	Inbound						Outbound					
Grand Total	12	1	—	10	1	—	12	—	—	11	1	—
										Total trips:		24

Trips and Drafts of Vessels, 2000
(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 GAMBLE HARBOR, WA (13 feet and less)												
			Inbound						Outbound			
Grand Total	27	—	—	20	7	—	31	—	—	22	9	—
									Total trips:			58
PORT TOWNSEND HARBOR, WA (22 feet and less)												
			Inbound						Outbound			
Grand Total	4,503	4,273	—	114	101	15	4,505	4,269	—	120	102	14
									Total trips:			9,008
QUILLAYUTE RIVER, WA (22 feet and less)												
			Upbound						Downbound			
Grand Total	8	—	—	8	—	—	6	—	—	6	—	—
									Total trips:			14
SKAGIT RIVER, WA (8 feet and less)												
			Upbound						Downbound			
Grand Total	23	22	—	1	—	—	23	22	—	1	—	—
									Total trips:			46
STILLAGUAMISH RIVER, WA No Vessel Trips Reported												
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA (17 feet and less)												
			Upbound						Downbound			
Grand Total	72	—	—	54	18	—	44	—	—	44	—	—
									Total trips:			116
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA (12 feet and less)												
			Inbound						Outbound			
Grand Total	127	—	—	64	63	—	127	—	—	64	63	—
									Total trips:			254
COEUR D ALENE LAKE AND ST. JOE RIVER, ID (7 feet and less)												
			Upbound						Downbound			
Grand Total	587	—	—	587	—	—	647	—	—	647	—	—
									Total trips:			1,234
OTHER PUGET SOUND AREA PORTS, WA (54 feet and less)												
			Inbound						Outbound			
Grand Total	124,376	117,423	308	4,897	1,291	457	125,235	117,487	390	4,870	1,932	556
									Total trips:			249,611

Trips and Drafts of Vessels, 2000
(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	3,173	1,670	—	782	638	83	3,144	1,661	—	765	639	79

FOREIGN

Total	932	698	—	116	117	1	919	689	—	114	116	—
31	2	2	—	—	—	—	2	2	—	—	—	—
30	1	1	—	—	—	—	—	—	—	—	—	—
29	4	4	—	—	—	—	5	5	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	60	60	—	—	—	—	61	61	—	—	—	—
26	73	73	—	—	—	—	72	72	—	—	—	—
25	91	91	—	—	—	—	91	90	—	—	1	—
24	72	72	—	—	—	—	72	72	—	—	—	—
23	26	25	—	—	1	—	27	27	—	—	—	—
22	5	5	—	—	—	—	4	4	—	—	—	—
21	10	10	—	—	—	—	11	9	—	1	1	—
20	9	7	—	1	1	—	10	9	—	—	1	—
19	3	3	—	—	—	—	2	2	—	—	—	—
18	3	3	—	—	—	—	3	3	—	—	—	—
17	4	2	—	—	2	—	5	1	—	1	3	—
16	40	3	—	17	20	—	40	7	—	14	19	—
15	15	1	—	9	4	1	13	—	—	10	3	—
14	16	1	—	6	9	—	18	4	—	7	7	—
13	10	4	—	3	3	—	10	5	—	3	2	—
≤ 12	487	330	—	80	77	—	472	315	—	78	79	—

DOMESTIC

Total	2,241	972	—	666	521	82	2,225	972	—	651	523	79
20	20	—	—	20	—	—	18	—	—	18	—	—
18	62	—	—	60	—	2	54	—	—	52	—	2
17	119	115	—	2	—	2	117	115	—	2	—	—
16	12	—	—	12	—	—	19	—	—	19	—	—
15	314	242	—	70	—	2	307	242	—	65	—	—
14	166	34	—	88	43	1	175	34	—	91	50	—
13	538	475	—	50	—	13	537	475	—	48	2	12
≤ 12	1,010	106	—	364	478	62	998	106	—	356	471	65
										Total trips:		6,317

WRANGELL NARROWS, AK

	Upbound						Downbound					
Grand Total	1,526	667	—	394	416	49	1,417	615	—	379	368	55

DOMESTIC

Total	1,526	667	—	394	416	49	1,417	615	—	379	368	55
20	20	—	—	20	—	—	19	—	—	19	—	—
18	58	—	—	57	—	1	50	—	—	49	—	1
17	113	113	—	—	—	—	113	113	—	—	—	—
16	14	—	—	14	—	—	13	—	—	11	1	1
15	328	243	—	84	1	—	317	242	—	75	—	—
14	149	38	—	32	79	—	128	36	—	34	58	—
13	179	121	—	53	—	5	143	89	—	54	—	—
≤ 12	665	152	—	134	336	43	634	135	—	137	309	53
										Total trips:		2,943

PETERSBURG HARBOR, AK

	Inbound						Outbound					
Grand Total	1,131	519	—	280	308	24	1,138	520	—	283	314	21

DOMESTIC

Total	1,131	519	—	280	308	24	1,138	520	—	283	314	21
20	19	—	—	19	—	—	19	—	—	19	—	—
18	45	—	—	45	—	—	50	—	—	50	—	—

Trips and Drafts of Vessels, 2000
(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												
17	113	113	—	—	—	—	113	113	—	—	—	—
16	11	—	—	11	—	—	11	—	—	11	—	—
15	312	242	—	70	—	—	313	242	—	71	—	—
14	107	37	—	19	51	—	100	37	—	19	44	—
13	137	105	—	32	—	—	135	105	—	30	—	—
≤ 12	387	22	—	84	257	24	397	23	—	83	270	21
Total trips:											2,269	

SITKA HARBOR, AK

Inbound							Outbound					
Grand Total	1,563	1,162	—	154	224	23	1,584	1,187	—	153	221	23
FOREIGN												
Total	162	159	—	2	1	—	186	183	—	2	1	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	3	3	—	—	—	—	12	12	—	—	—	—
26	5	5	—	—	—	—	37	37	—	—	—	—
25	75	75	—	—	—	—	34	34	—	—	—	—
24	34	34	—	—	—	—	34	34	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
17	1	—	—	1	—	—	2	1	—	1	—	—
16	2	2	—	—	—	—	—	—	—	—	—	—
15	1	1	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	2	2	—	—	—	—
≤ 12	40	38	—	1	1	—	63	61	—	1	1	—
DOMESTIC												
Total	1,401	1,003	—	152	223	23	1,398	1,004	—	151	220	23
17	30	30	—	—	—	—	30	30	—	—	—	—
16	—	—	—	—	—	—	1	—	—	—	1	—
15	123	85	—	38	—	—	124	85	—	39	—	—
14	47	13	—	13	21	—	45	13	—	12	20	—
13	157	145	—	11	—	1	158	145	—	11	—	2
≤ 12	1,044	730	—	90	202	22	1,040	731	—	89	199	21
Total trips:											3,147	

SERGIUS AND WHITESTONE NARROWS, AK

Upbound							Downbound					
Grand Total	528	179	—	117	213	19	560	216	—	106	221	17
DOMESTIC												
Total	528	179	—	117	213	19	560	216	—	106	221	17
17	29	29	—	—	—	—	30	30	—	—	—	—
15	88	66	—	22	—	—	86	66	—	20	—	—
14	29	—	—	11	18	—	33	—	—	12	21	—
13	69	59	—	9	—	1	108	96	—	11	—	1
12	32	—	—	19	5	8	30	—	—	20	5	5
11	16	—	—	1	14	1	19	—	—	—	18	1
10	28	—	—	28	—	—	18	—	—	18	—	—
9	9	—	—	9	—	—	10	—	—	9	—	1
8	21	10	—	10	—	1	24	10	—	10	—	4
7	7	4	—	—	—	3	5	3	—	—	—	2
6	6	3	—	2	—	1	4	3	—	1	—	—
5	53	—	—	3	49	1	57	—	—	3	52	2
4	12	8	—	3	—	1	11	8	—	2	1	—
3	66	—	—	—	64	2	66	—	—	—	65	1
2	63	—	—	—	63	—	59	—	—	—	59	—
Total trips:											1,088	

Trips and Drafts of Vessels, 2000
(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
JUNEAU HARBOR, AK												
	Upbound						Downbound					
Grand Total	3,330	2,789	—	246	244	51	3,393	2,878	—	235	241	39
FOREIGN												
Total	334	326	—	3	5	—	441	433	—	4	4	—
36	—	—	—	—	—	—	1	1	—	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	1	1	—	—	—	—
31	—	—	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	4	4	—	—	—	—
29	—	—	—	—	—	—	3	3	—	—	—	—
28	—	—	—	—	—	—	6	6	—	—	—	—
27	19	19	—	—	—	—	44	44	—	—	—	—
26	33	33	—	—	—	—	88	87	—	—	1	—
25	17	17	—	—	—	—	60	60	—	—	—	—
24	206	206	—	—	—	—	172	172	—	—	—	—
23	25	25	—	—	—	—	34	34	—	—	—	—
22	4	4	—	—	—	—	6	6	—	—	—	—
21	9	9	—	—	—	—	10	10	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	2	2	—	—	—	—	—	—	—	—	—	—
18	5	5	—	—	—	—	—	—	—	—	—	—
17	3	—	—	1	2	—	2	—	—	1	1	—
16	1	1	—	—	—	—	—	—	—	—	—	—
15	1	1	—	—	—	—	3	1	—	2	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
12	3	1	—	1	1	—	1	—	—	—	1	—
10	1	1	—	—	—	—	2	1	—	—	1	—
9	1	—	—	—	1	—	—	—	—	—	—	—
8	1	—	—	—	1	—	—	—	—	—	—	—
7	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	2,996	2,463	—	243	239	51	2,952	2,445	—	231	237	39
20	20	—	—	20	—	—	20	—	—	20	—	—
18	57	—	—	56	—	1	55	—	—	55	—	—
17	107	104	—	2	—	1	107	104	—	3	—	—
16	13	—	—	13	—	—	10	—	—	9	—	1
15	410	354	—	55	1	—	411	354	—	57	—	—
14	97	37	—	31	29	—	90	37	—	25	28	—
13	196	164	—	28	—	4	193	164	—	27	—	2
12	30	20	—	1	—	9	31	20	—	1	2	8
11	6	—	—	5	—	1	5	—	—	5	—	—
10	57	20	—	29	—	8	50	20	—	27	—	3
9	48	41	—	—	—	7	29	24	—	—	—	5
8	39	30	—	—	1	8	34	30	—	—	1	3
7	31	26	—	1	1	3	31	26	—	—	1	4
6	61	54	—	2	1	4	58	54	—	2	—	2
5	103	—	—	—	103	—	103	—	—	—	101	2
4	1	1	—	—	—	—	5	—	—	—	—	5
3	1,704	1,612	—	—	87	5	1,702	1,612	—	—	86	4
2	16	—	—	—	16	—	18	—	—	—	18	—
										Total trips:		6,723

VALDEZ HARBOR, AK

Draft	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	1,371	913	359	61	14	24	1,457	912	415	80	24	26
FOREIGN												
Total	19	3	16	—	—	—	12	2	10	—	—	—
58	—	—	—	—	—	—	4	—	4	—	—	—
55	—	—	—	—	—	—	2	—	2	—	—	—
52	—	—	—	—	—	—	1	—	1	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2000
(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 - continued												
	Inbound						Outbound					
FOREIGN												
38	2	—	2	—	—	—	—	—	—	—	—	—
36	4	—	4	—	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	1	—	1	—	—	—
31	4	—	4	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	2	—	2	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
15	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	1,352	910	343	61	14	24	1,445	910	405	80	24	26
61	—	—	—	—	—	—	2	—	2	—	—	—
60	—	—	—	—	—	—	18	—	18	—	—	—
59	—	—	—	—	—	—	15	—	15	—	—	—
58	—	—	—	—	—	—	1	—	1	—	—	—
57	—	—	—	—	—	—	4	—	4	—	—	—
56	—	—	—	—	—	—	3	—	3	—	—	—
55	—	—	—	—	—	—	14	—	14	—	—	—
54	—	—	—	—	—	—	13	—	13	—	—	—
53	1	—	1	—	—	—	14	—	14	—	—	—
52	—	—	—	—	—	—	29	—	29	—	—	—
51	—	—	—	—	—	—	10	—	10	—	—	—
50	—	—	—	—	—	—	6	—	6	—	—	—
49	—	—	—	—	—	—	18	—	18	—	—	—
48	—	—	—	—	—	—	35	—	35	—	—	—
47	1	—	1	—	—	—	17	—	17	—	—	—
46	—	—	—	—	—	—	9	—	9	—	—	—
45	—	—	—	—	—	—	9	—	9	—	—	—
44	—	—	—	—	—	—	26	—	26	—	—	—
43	12	—	12	—	—	—	27	—	27	—	—	—
42	5	—	5	—	—	—	10	—	10	—	—	—
41	2	—	2	—	—	—	6	—	6	—	—	—
40	1	—	1	—	—	—	11	—	11	—	—	—
39	1	—	1	—	—	—	29	—	29	—	—	—
38	1	—	1	—	—	—	43	—	43	—	—	—
37	—	—	—	—	—	—	26	—	26	—	—	—
36	2	—	2	—	—	—	1	—	1	—	—	—
35	15	—	15	—	—	—	—	—	—	—	—	—
34	5	—	5	—	—	—	1	—	1	—	—	—
33	2	—	2	—	—	—	4	—	4	—	—	—
32	3	—	3	—	—	—	1	—	1	—	—	—
31	3	—	3	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	2	—	2	—	—	—	—	—	—	—	—	—
28	3	—	3	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	—	—	—	—	—	—
25	48	—	48	—	—	—	—	—	—	—	—	—
24	9	—	9	—	—	—	—	—	—	—	—	—
23	17	—	16	—	—	—	—	—	—	—	—	—
22	4	—	3	—	—	1	15	—	—	—	14	—
21	—	—	—	—	—	—	3	—	—	—	3	—
20	63	—	55	—	8	—	19	—	1	18	—	—
19	4	—	1	—	3	—	2	—	—	2	—	—
18	8	—	7	—	—	1	2	—	—	1	—	—
17	1	—	—	—	—	1	3	—	—	—	2	—
15	26	9	—	17	—	—	28	9	—	19	—	—
14	108	54	46	7	—	1	67	54	—	8	—	4
13	20	—	—	14	—	6	19	—	—	12	—	7
≤ 12	983	847	97	12	13	14	883	847	1	20	3	12
Total trips:										2,828		

Trips and Drafts of Vessels, 2000
(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
SEWARD HARBOR, AK												
	Inbound						Outbound					
Grand Total	540	521	—	12	5	2	539	523	—	10	4	2
FOREIGN												
Total	97	97	—	—	—	—	101	99	—	1	1	—
40	—	—	—	—	—	—	3	3	—	—	—	—
38	—	—	—	—	—	—	5	5	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	29	29	—	—	—	—	30	30	—	—	—	—
26	24	24	—	—	—	—	22	22	—	—	—	—
25	22	22	—	—	—	—	20	20	—	—	—	—
24	15	15	—	—	—	—	13	13	—	—	—	—
22	1	1	—	—	—	—	1	—	—	—	1	—
21	1	1	—	—	—	—	—	—	—	—	—	—
19	2	2	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
12	1	1	—	—	—	—	2	1	—	1	—	—
DOMESTIC												
Total	443	424	—	12	5	2	438	424	—	9	3	2
20	1	—	—	1	—	—	1	—	—	1	—	—
15	7	5	—	1	1	—	6	5	—	—	1	—
14	71	70	—	1	—	—	72	70	—	2	—	—
13	2	—	—	—	—	2	1	—	—	—	—	1
12	12	10	—	2	—	—	12	10	—	2	—	—
10	2	1	—	—	1	—	2	1	—	—	1	—
9	231	225	—	5	1	—	229	226	—	3	—	—
8	1	—	—	—	1	—	—	—	—	—	—	—
6	1	1	—	—	—	—	2	1	—	—	1	—
5	—	—	—	—	—	—	1	—	—	—	—	1
4	111	111	—	—	—	—	111	111	—	—	—	—
3	3	—	—	2	1	—	1	—	—	1	—	—
2	1	1	—	—	—	—	—	—	—	—	—	—
										Total trips:	1,079	
HOMER, AK												
	Inbound						Outbound					
Grand Total	346	264	13	30	17	22	339	252	13	34	21	19
FOREIGN												
Total	51	28	13	5	5	—	60	29	13	9	9	—
38	1	—	1	—	—	—	1	—	1	—	—	—
37	1	—	1	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	1	—	1	—	—	—
35	1	—	1	—	—	—	3	—	3	—	—	—
34	1	—	1	—	—	—	1	—	1	—	—	—
33	4	3	1	—	—	—	5	3	2	—	—	—
32	1	1	—	—	—	—	2	2	—	—	—	—
31	2	—	2	—	—	—	1	—	1	—	—	—
30	1	1	—	—	—	—	2	2	—	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	4	1	3	—	—	—	1	—	1	—	—	—
26	3	1	2	—	—	—	3	1	2	—	—	—
24	—	—	—	—	—	—	2	2	—	—	—	—
23	3	3	—	—	—	—	3	3	—	—	—	—
22	2	2	—	—	—	—	5	1	—	—	4	—
21	2	2	—	—	—	—	1	1	—	—	—	—
20	4	4	—	—	—	—	8	7	—	—	1	—
19	3	2	—	1	—	—	2	1	—	1	—	—
18	3	3	—	—	—	—	4	3	—	—	1	—
16	4	2	—	—	2	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	—	—	—	1	—
13	1	1	—	—	—	—	—	—	—	—	—	—
12	2	2	—	—	—	—	7	2	—	4	1	—

Trips and Drafts of Vessels, 2000
(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 - continued													
			Inbound						Outbound				
FOREIGN													
11	1	—	—	—	1	—	—	—	—	—	—	—	
10	4	—	—	3	1	—	4	—	—	3	1	—	
9	1	—	—	1	—	—	1	—	—	—	—	—	
7	1	—	—	—	1	—	—	—	—	1	—	—	
DOMESTIC													
Total	295	236	—	25	12	22	279	223	—	25	12	19	
20	1	—	—	1	—	—	1	—	—	1	—	—	
17	1	—	—	—	—	—	1	—	—	—	—	1	
15	2	—	—	—	—	1	—	—	—	—	—	—	
14	141	137	—	2	—	2	123	119	—	3	—	1	
13	25	—	—	21	—	4	22	—	—	19	—	3	
12	14	9	—	—	3	2	17	9	—	—	4	4	
11	5	—	—	1	—	4	4	—	—	1	—	3	
10	1	—	—	—	—	1	2	—	—	—	—	2	
9	1	—	—	—	1	—	3	1	—	1	—	1	
8	5	—	—	—	3	2	5	—	—	—	3	2	
7	4	—	—	—	4	—	4	—	—	—	4	—	
6	2	1	—	—	1	—	3	2	—	—	1	—	
5	1	—	—	—	—	1	—	—	—	—	—	—	
4	28	27	—	—	—	1	73	73	—	—	—	—	
3	18	16	—	—	—	—	2	—	—	—	—	2	
2	46	46	—	—	—	2	19	19	—	—	—	—	
										Total trips:		685	
ANCHORAGE, AK													
Grand Total	1,801	264	92	718	693	34	1,893	241	91	723	797	41	
FOREIGN													
Total	58	39	13	3	3	—	40	16	12	7	5	—	
36	1	—	1	—	—	—	—	—	—	—	—	—	
33	2	1	1	—	—	—	—	—	—	—	—	—	
32	6	6	—	—	—	—	6	—	6	—	—	—	
31	15	14	1	—	—	—	1	—	1	—	—	—	
30	2	1	1	—	—	—	3	2	1	—	—	—	
29	2	—	2	—	—	—	1	—	—	—	—	—	
28	2	2	—	—	—	—	2	—	1	—	1	—	
27	2	1	1	—	—	—	2	2	—	—	—	—	
26	1	1	—	—	—	—	1	—	1	—	—	—	
25	4	1	3	—	—	—	1	—	1	—	—	—	
24	3	—	3	—	—	—	1	1	—	—	—	—	
23	1	1	—	—	—	—	—	—	—	—	—	—	
22	3	3	—	—	—	—	6	3	—	2	1	—	
19	2	2	—	—	—	—	1	1	—	—	—	—	
18	—	—	—	—	—	—	1	1	—	—	—	—	
17	1	1	—	—	—	—	1	1	—	—	—	—	
16	3	2	—	1	—	—	2	2	—	—	—	—	
15	2	2	—	—	—	—	3	2	—	—	1	—	
13	1	1	—	—	—	—	—	—	—	—	—	—	
≤ 12	5	—	—	2	3	—	7	—	5	—	2	—	
DOMESTIC													
Total	1,743	225	79	715	690	34	1,853	225	79	716	792	41	
33	10	10	—	—	—	—	—	—	—	—	—	—	
32	16	16	—	—	—	—	—	—	—	—	—	—	
31	26	25	1	—	—	—	2	1	1	—	—	—	
30	25	25	—	—	—	—	3	3	—	—	—	—	
29	13	13	—	—	—	—	19	19	—	—	—	—	
28	133	133	—	—	—	—	169	169	—	—	—	—	
27	—	—	—	—	—	—	19	19	—	—	—	—	
26	1	1	—	—	—	—	10	10	—	—	—	—	
25	—	—	—	—	—	—	1	1	—	—	—	—	
24	—	—	—	—	—	—	2	2	—	—	—	—	
23	1	—	—	—	—	1	5	—	—	—	—	5	

Trips and Drafts of Vessels, 2000
(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					
DOMESTIC												
22	12	—	—	—	11	1	5	—	—	—	3	2
21	11	—	—	—	11	—	6	—	—	—	5	1
20	20	—	—	20	—	—	20	—	—	18	2	—
19	4	—	—	2	1	1	5	—	—	3	—	2
18	2	—	—	—	1	1	3	—	—	—	—	3
17	5	—	—	2	3	—	4	—	—	2	—	2
16	5	—	—	—	2	3	2	—	—	—	2	—
15	22	—	—	14	8	—	172	—	—	13	157	2
14	22	—	—	13	7	2	31	—	—	19	8	4
13	28	—	—	18	1	9	35	—	—	19	2	14
≤ 12	1,387	2	78	646	645	16	1,340	1	78	642	613	6
										Total trips:		3,694

UNALASKA BAY AND ISLAND, AK

	Inbound						Outbound					
Grand Total	714	604	—	56	37	17	681	592	—	50	27	12

FOREIGN

Total	247	246	—	1	—	—	225	225	—	—	—	—
34	48	48	—	—	—	—	47	47	—	—	—	—
33	16	16	—	—	—	—	13	13	—	—	—	—
32	6	6	—	—	—	—	7	7	—	—	—	—
31	4	4	—	—	—	—	2	2	—	—	—	—
30	2	2	—	—	—	—	3	3	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	6	6	—	—	—	—	6	6	—	—	—	—
26	1	1	—	—	—	—	4	4	—	—	—	—
25	1	1	—	—	—	—	2	2	—	—	—	—
24	4	4	—	—	—	—	5	5	—	—	—	—
23	4	4	—	—	—	—	5	5	—	—	—	—
22	2	2	—	—	—	—	7	7	—	—	—	—
21	7	7	—	—	—	—	10	10	—	—	—	—
20	8	8	—	—	—	—	10	10	—	—	—	—
19	13	13	—	—	—	—	17	17	—	—	—	—
18	20	20	—	—	—	—	18	18	—	—	—	—
17	23	23	—	—	—	—	20	20	—	—	—	—
16	20	19	—	1	—	—	14	14	—	—	—	—
15	26	26	—	—	—	—	15	15	—	—	—	—
14	20	20	—	—	—	—	13	13	—	—	—	—
13	12	12	—	—	—	—	5	5	—	—	—	—
12	2	2	—	—	—	—	1	1	—	—	—	—
9	1	1	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	467	358	—	55	37	17	456	367	—	50	27	12
34	1	1	—	—	—	—	1	1	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	5	5	—	—	—	—
29	6	6	—	—	—	—	7	7	—	—	—	—
28	14	14	—	—	—	—	10	10	—	—	—	—
27	14	14	—	—	—	—	12	12	—	—	—	—
26	4	4	—	—	—	—	6	6	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	1	1	—	—	—	—
23	9	—	—	—	—	9	7	—	—	—	7	7
22	12	—	—	—	12	—	7	—	—	—	7	—
20	23	—	—	23	—	—	16	—	—	16	—	—
19	1	—	—	—	—	1	4	2	—	—	—	2
18	3	—	—	—	1	2	1	—	—	—	1	—
17	5	1	—	—	4	—	2	—	—	1	1	—
16	10	9	—	—	1	—	14	14	—	—	—	—
15	56	41	—	15	—	—	61	44	—	17	—	—
14	26	17	—	6	2	1	24	18	—	5	1	—
13	63	58	—	1	—	4	62	58	—	2	—	2
12	109	93	—	2	14	—	106	96	—	3	7	—
11	34	33	—	—	1	—	32	32	—	—	—	—

Trips and Drafts of Vessels, 2000
(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 BAY AND ISLAND, AK - continued
Inbound

DOMESTIC

10	44	39	—	5	—	—	39	35	—	4	—	—
9	23	20	—	2	1	—	22	18	—	2	2	—
8	2	2	—	—	—	—	6	4	—	—	2	—
7	—	—	—	—	—	—	1	1	—	—	—	—
6	1	1	—	—	—	—	2	1	—	—	1	—
5	—	—	—	—	—	—	3	—	—	—	3	—
4	1	—	—	—	1	—	2	—	—	—	2	—
3	1	—	—	1	—	—	1	—	—	—	—	1
1	1	1	—	—	—	—	1	1	—	—	—	—
											Total trips:	1,395

Outbound

BETHEL HARBOR, AK
(18 feet and less)

Grand Total	309	8	—	98	180	23	348	8	—	135	182	23
											Total trips:	657

CORDOVA HARBOR, AK
(15 feet and less)

Grand Total	269	206	—	47	1	15	259	202	—	41	2	14
											Total trips:	528

CRAIG HARBOR, AK
(13 feet and less)

Grand Total	84	1	—	40	22	21	85	1	—	40	21	23
											Total trips:	169

DILLINGHAM HARBOR, AK
(21 feet and less)

Grand Total	56	13	—	13	26	4	56	13	—	12	28	3
											Total trips:	112

DOUGLAS HARBOR, AK
(14 feet and less)

Grand Total	1,613	1,603	—	5	—	5	1,633	1,622	—	6	—	5
											Total trips:	3,246

DRY PASS, AK
No Vessel Trips Reported

EGEGIK RIVER, AK
(13 feet and less)

Grand Total	28	2	—	4	17	5	32	2	—	7	19	4
											Total trips:	60

ELFIN COVE HARBOR, AK
No Vessel Trips Reported

Trips and Drafts of Vessels, 2000
(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
GASTINEAU CHANNEL, AK No Vessel Trips Reported												
HOONAH HARBOR, AK (30 feet and less)												
				Inbound						Outbound		
Grand Total	548	440	—	36	53	19	439	331	—	37	53	18
										Total trips:		987
HUMBOLDT HARBOR, AK (23 feet and less)												
				Inbound						Outbound		
Grand Total	220	184	—	22	3	11	220	187	—	20	3	10
										Total trips:		440
KAKE HARBOR, AK (17 feet and less)												
				Inbound						Outbound		
Grand Total	336	162	—	49	106	19	331	162	—	47	103	19
										Total trips:		667
KING COVE LAGOON, AK (31 feet and less)												
				Inbound						Outbound		
Grand Total	181	145	—	21	4	11	184	146	—	22	4	12
										Total trips:		365
KODIAK HARBOR, AK (30 feet and less)												
				Inbound						Outbound		
Grand Total	428	308	2	65	1	52	429	312	2	67	1	47
										Total trips:		857
METLAKATLA HARBOR, AK (14 feet and less)												
				Inbound						Outbound		
Grand Total	400	237	—	67	96	—	398	237	—	67	94	—
										Total trips:		798
NAKNEK RIVER, AK (21 feet and less)												
				Upbound						Downbound		
Grand Total	131	20	—	28	69	14	114	22	—	23	57	12
										Total trips:		245
NINILCHIK HARBOR, AK (4 feet and less)												
				Inbound						Outbound		
Grand Total	2	2	—	—	—	—	1	1	—	—	—	—
										Total trips:		3

Trips and Drafts of Vessels, 2000
(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	
NOME, AK (23 feet and less)													
			Inbound							Outbound			
Grand Total	73	11	—	23	33	6	73	11	—	22	34	6	
										Total trips:		146	
OLD HARBOR, AK (15 feet and less)													
			Inbound							Outbound			
Grand Total	15	15	—	—	—	—	16	16	—	—	—	—	
										Total trips:		31	
PELICAN HARBOR, AK (13 feet and less)													
			Inbound							Outbound			
Grand Total	53	18	—	17	11	7	53	18	—	17	11	7	
										Total trips:		106	
PORT ALEXANDER, AK No Vessel Trips Reported													
SELDOVIA HARBOR, AK (17 feet and less)													
			Inbound							Outbound			
Grand Total	82	72	—	5	—	5	82	72	—	6	—	4	
										Total trips:		164	
SKAGWAY HARBOR, AK (28 feet and less)													
			Inbound							Outbound			
Grand Total	767	629	—	67	71	—	763	629	—	64	70	—	
										Total trips:		1,530	
STIKINE RIVER, AK No Vessel Trips Reported													
WRANGELL HARBOR, AK (26 feet and less)													
			Inbound							Outbound			
Grand Total	891	427	—	207	240	17	895	430	—	210	238	17	
										Total trips:		1,786	
CHATHAM STRAIT, AK (38 feet and less)													
			Upbound							Downbound			
Grand Total	1,788	1,168	—	220	356	44	1,908	1,275	—	272	304	57	
										Total trips:		3,696	
CLARENCE STRAIT, AK (27 feet and less)													
			Upbound							Downbound			
Grand Total	2,071	1,173	—	397	463	38	2,023	1,160	—	420	399	44	
										Total trips:		4,094	

Trips and Drafts of Vessels, 2000
(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	
FREDERICK SOUND, AK (36 feet and less)													
			Upbound							Downbound			
Grand Total	1,422	642	—	310	412	58	1,529	804	—	295	370	60	
										Total trips:		2,951	
ICY BAY, AK (32 feet and less)													
			Upbound							Downbound			
Grand Total	102	35	—	67	—	—	112	36	—	76	—	—	
										Total trips:		214	
ICY STRAIT, AK (30 feet and less)													
			Upbound							Downbound			
Grand Total	2,726	2,440	—	119	125	42	2,647	2,333	—	126	151	37	
										Total trips:		5,373	
KIVILINA, AK (23 feet and less)													
			Inbound							Outbound			
Grand Total	273	—	—	14	256	3	268	—	—	14	253	1	
										Total trips:		541	
KLAWOCK, AK (17 feet and less)													
			Inbound							Outbound			
Grand Total	152	—	—	134	17	1	162	—	—	141	20	1	
										Total trips:		314	
LYNN CANAL, AK (28 feet and less)													
			Upbound							Downbound			
Grand Total	2,274	1,943	—	158	144	29	2,226	1,943	—	139	117	27	
										Total trips:		4,500	
NIKISHKA, AK (40 feet and less)													
			Inbound							Outbound			
Grand Total	199	22	94	42	13	28	220	22	92	51	15	40	
										Total trips:		419	
PERIL STRAIT, AK (17 feet and less)													
			Upbound							Downbound			
Grand Total	536	179	—	119	217	21	567	216	—	107	226	18	
										Total trips:		1,103	
PRINCE OF WALES IS. WEST SIDE, AK (13 feet and less)													
			Inbound							Outbound			
Grand Total	186	2	—	140	43	1	168	1	—	121	44	2	
										Total trips:		354	

Trips and Drafts of Vessels, 2000
(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	
REVILLAGIGADO CHANNEL, AK (31 feet and less)													
			Upbound							Downbound			
Grand Total	2,580	1,702	—	422	415	41	2,563	1,680	—	434	416	33	
										Total trips:		5,143	
STEPHENS PASSAGE, AK (36 feet and less)													
			Upbound							Downbound			
Grand Total	1,729	1,159	—	269	253	48	1,778	1,267	—	216	257	38	
										Total trips:		3,507	
SUMNER STRAIT, AK (21 feet and less)													
			Upbound							Downbound			
Grand Total	1,773	1,044	—	318	355	56	1,813	1,009	—	341	414	49	
										Total trips:		3,586	
TONGASS NARROWS, AK (31 feet and less)													
			Upbound							Downbound			
Grand Total	3,397	1,745	—	847	714	91	3,444	1,720	—	873	768	83	
										Total trips:		6,841	

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