
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2008

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

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CONTENTS

	Page
Introduction.	ii
Terminology	v
Commodity Classification List	viii
Freight Traffic	
Los Angeles, CA . . . . .	. 3
Sacramento, CA. . . . .	. 14
San Francisco, CA . . . . .	. 20
Honolulu, HI . . . . .	. 38
Walla Walla, WA . . . . .	. 48
Portland, OR. . . . .	. 50
Seattle, WA . . . . .	. 79
Alaska . . . . .	. 95
Trips and Drafts	
Los Angeles, CA . . . . .	. 129
Sacramento, CA. . . . .	. 133
San Francisco, CA. . . . .	. 136
Honolulu, HI . . . . .	. 144
Walla Walla, WA . . . . .	. 149
Portland, OR. . . . .	. 150
Seattle, WA . . . . .	. 162
Alaska . . . . .	. 170
Freight Traffic Index.	180
Trips and Drafts Index	184

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, and its territories.

Data on foreign commerce are supplied to the Corps of Engineers by the U.S. Bureau of the Census, the U.S. Customs and Border Protection, and purchased from the Commonwealth Business Media, Inc., 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 Commonwealth Business Media, Inc. and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs and Border Protection. Foreign cargo is matched to vessel moves to improve geographic specificity.

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

Import and export shipments for use of the United States Armed Forces abroad are not reported to the Waterborne Commerce Statistics Center (WCSC). Beginning with calendar year 1989 shipments under the military assistance program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

Commodity Descriptions

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

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-4** represent short tons (2,000 pounds). Tonnage figures are rounded to the nearest 1,000 tons.

A zero represents less than 500 tons but more than zero. A dash means no tonnage. 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

For domestic movements, ton-miles equal the cargo tonnage times the distance between the point of loading on the water and the point of unloading on the water. For U.S. - Canada movements on the Great Lakes, ton-miles equal

the tonnage times the distance between the U.S. and Canadian locations. For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Ton-miles are rounded to the nearest 1,000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

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

Some towboat trips and empty barge moves are estimated from a sample to expedite

processing and reduce costs. The number of trips also includes vessels engaged in foreign trade. These moves are furnished by U.S. Customs and Border Protection.

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

Special Interest

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

Passenger totals are not included in this publication but are available on request. Passenger data not relevant to transportation such as excursions, sight-seeing, and floating casinos are no longer collected as of calendar year 2001. As of calendar year 2004, passengers, autos, and railway cars are not included in the domestic trips and drafts tables. Cruise ships in foreign traffic are included in the foreign trips and drafts tables.

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

Terminology

Types of Traffic

Foreign

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

Imports

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

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

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

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

Exports

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

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

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

Domestic

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

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

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

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

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

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

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

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

Traffic Direction

Waterways

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

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

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

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

Ports

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

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

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

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

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

Ton-miles: Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. The ton-mile parameter measures the total activity on a waterway or channel. Ton-miles are not computed for ports.

Domestic ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the water from the point of loading onto the vessel to the point of unloading off of the vessel. Coastwise ton-miles includes the distance across open ocean and

the Gulf of Mexico.

For rivers, inland waterways and coastal routes the distances were computed from waterway survey maps, NOAA charts and records of the Corps of Engineers.

For the Great Lakes system the ton-miles are computed for movements of cargo west of the international boundary of St. Regis, Quebec, Canada to head of Lake Superior at Duluth, MN and Superior, WI.

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports.

For Canadian imports and exports, and in-transits across the Great Lakes foreign ton-miles are computed as the tonnage times the distance between the U.S. and Canadian ports.

For overseas imports and exports, and in-transits foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Distances across the oceans are not included in the computation of the overseas foreign ton-miles.

Ton-miles are rounded to the nearest thousand.

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

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

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal & Lignite
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

2211 Gasoline
2221 Kerosene
2330 Distillate Fuel Oil
2340 Residual Fuel Oil
2350 Lube Oil & Greases
2410 Petro. Jelly & Waxes
2429 Naphtha & Solvents
2430 Asphalt, Tar & Pitch
2540 Petroleum Coke
2640 Hydrocarbon & Petrol Gases,
Liquefied and Gaseous
2990 Petro. Products NEC

30 Chemicals and Related Products

31 Fertilizers

3110 Nitrogenous Fert.
3120 Phosphatic Fert.
3130 Potassic Fert.
3190 Fert. & Mixes NEC

32 Other Chemicals and Related Products

3211 Acyclic Hydrocarbons
3212 Benzene & Toluene
3219 Other Hydrocarbons
3220 Alcohols
3230 Carboxylic Acids
3240 Nitrogen Func. Comp.
3250 Organo-Inorganic Comp.
3260 Organic Comp. NEC
3271 Sulphur (Liquid)
3272 Sulphuric Acid
3273 Ammonia
3274 Sodium Hydroxide
3275 Inorg. Elem., Oxides,
& Halogen Salts
3276 Metallic Salts
3279 Inorganic Chem. NEC
3281 Radioactive Material

Major Grouping

Minor Grouping

Pub Group Pub Name

3282 Pigments & Paints
3283 Coloring Mat. NEC
3284 Medicines
3285 Perfumes & Cleansers
3286 Plastics
3291 Pesticides
3292 Starches, Gluten, Glue
3293 Explosives
3297 Chemical Additives
3298 Wood & Resin Chem.
3299 Chem. Products NEC

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

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

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

4310 Building Stone
4322 Limestone
4323 Gypsum
4327 Phosphate Rock
4331 Sand & Gravel
4333 Dredged Material
4335 Waterway Improv. Mat
4338 Soil & Fill Dirt

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

4630 Copper Ore
4650 Aluminum Ore
4670 Manganese Ore
4680 Non-Ferrous Scrap
4690 Non-Ferrous Ores NEC

47 Sulphur, Clay and Salt

4741 Sulphur, (Dry)
4782 Clay & Refrac. Mat.
4783 Salt

48 Slag

4860 Slag

49 Other Non-Metal. Min.

4900 Non-Metal. Min. NEC

Commodity Classification List (continued)

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

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
1999	2,659	2002	2,480	2005	3,218	2008	1,891
2000	3,653	2003	2,804	2006	3,259		
2001	3,121	2004	3,107	2007	2,416		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal Intraport
					Receipts	Shipments	
Total, all commodities	1,891	1,463	16	412	341	1	70
Total petroleum and petroleum products	261	—	0	261	191	1	70
Subtotal petroleum products	261	—	0	261	191	1	70
2340 residual fuel oil	261	—	—	261	191	1	70
2350 lube oil & greases	0	—	0	—	—	—	—
Total chemicals and related products	61	60	1	—	—	—	—
Subtotal fertilizers	33	33	0	—	—	—	—
3110 nitrogenous fert.	9	9	—	—	—	—	—
3190 fert. & mixes nec	24	24	0	—	—	—	—
Subtotal other chemicals and related products	28	27	1	—	—	—	—
3211 acyclic hydrocarbons	0	—	0	—	—	—	—
3219 other hydrocarbons	0	—	0	—	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—	—
3276 metallic salts	27	27	0	—	—	—	—
3282 pigments & paints	1	1	0	—	—	—	—
3285 perfumes & cleansers	0	0	0	—	—	—	—
3286 plastics	0	—	0	—	—	—	—
3291 pesticides	0	—	0	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—	—
3299 chem. products nec	0	—	0	—	—	—	—
Total crude materials, inedible except fuels	436	286	0	150	150	—	—
Subtotal forest products, wood and chips	150	0	0	150	150	—	—
4189 lumber	150	0	—	150	150	—	—
4190 forest products nec	0	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	219	219	—	—	—	—	—
4331 sand & gravel	219	219	—	—	—	—	—
Subtotal non-ferrous ores and scrap	60	60	—	—	—	—	—
4650 aluminum ore	60	60	—	—	—	—	—
Subtotal sulphur, clay and salt	0	—	0	—	—	—	—
4782 clay & refrac. mat.	0	—	0	—	—	—	—
Subtotal other non-metal. min.	8	8	—	—	—	—	—
4900 non-metal. min. nec	8	8	—	—	—	—	—
Total primary manufactured goods	45	43	2	—	—	—	—
Subtotal paper products	4	2	2	—	—	—	—
5110 newsprint	0	0	—	—	—	—	—
5120 paper & paperboard	4	2	2	—	—	—	—
5190 paper products nec	0	0	0	—	—	—	—
Subtotal lime, cement and glass	11	11	—	—	—	—	—
5220 cement & concrete	11	11	—	—	—	—	—
Subtotal primary iron and steel products	22	22	0	—	—	—	—
5320 i&s primary forms	10	10	0	—	—	—	—
5330 i&s plates & sheets	11	11	—	—	—	—	—
5360 i&s bars & shapes	1	1	—	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—	—
5390 primary i&s nec	0	—	0	—	—	—	—
Subtotal primary non-ferrous metal products	8	7	0	—	—	—	—
5422 aluminum	0	—	0	—	—	—	—
5480 fab. metal products	7	7	0	—	—	—	—
Total food and farm products	532	524	8	—	—	—	—
Subtotal fish	6	6	0	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—	—
6136 shellfish	6	6	0	—	—	—	—
Subtotal grain	0	—	0	—	—	—	—
6442 rice	0	—	0	—	—	—	—
6445 oats	0	—	0	—	—	—	—
Subtotal vegetable products	1	1	1	—	—	—	—
6653 vegetable oils	0	—	0	—	—	—	—
6654 vegetables & prod.	1	1	0	—	—	—	—
Subtotal processed grain and animal feed	0	—	0	—	—	—	—
6747 grain mill products	0	—	0	—	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—	—
Subtotal other agricultural products	525	518	7	—	—	—	—
6835 fish, prepared	2	2	—	—	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—	—
6856 bananas & plantains	474	473	1	—	—	—	—

SAN DIEGO HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal Intransport
					Receipts	Shipments	
6857 fruit & nuts nec	43	40	3	—	—	—	
6858 fruit juices	2	2	0	—	—	—	
6885 alcoholic beverages	2	—	2	—	—	—	
6889 food products nec	0	0	0	—	—	—	
6893 cotton	1	—	1	—	—	—	
6899 farm products nec	1	—	1	—	—	—	
Total all manufactured equipment, machinery and products	537	532	5	0	0	—	
7110 machinery (not elec)	19	18	1	—	—	—	
7120 electrical machinery	22	21	0	—	—	—	
7210 vehicles & parts	449	448	1	—	—	—	
7220 aircraft & parts	0	0	—	—	—	—	
7230 ships & boats	20	20	—	—	—	—	
7300 ordnance & access.	0	0	—	—	—	—	
7500 textile products	0	0	0	—	—	—	
7600 rubber & plastic pr.	4	4	0	—	—	—	
7900 manufac. prod. nec	23	21	1	0	0	—	
Total unknown or not elsewhere classified	18	18	1	—	—	—	
9900 unknown or nec	18	18	1	—	—	—	

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
1999	60,883	2002	67,872	2005	79,858	2008	80,205
2000	69,850	2003	69,195	2006	84,394		
2001	67,644	2004	79,708	2007	85,940		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	67,271	43,917	22,036	1,269	49
Total coal	337	2	335	0	—
1100 coal & lignite	272	2	270	0	—
1200 coal coke	65	0	65	—	—
Total petroleum and petroleum products	26,761	20,236	5,468	1,010	47
Subtotal crude petroleum	19,025	18,015	—	1,010	—
2100 crude petroleum	19,025	18,015	—	1,010	—
Subtotal petroleum products	7,736	2,221	5,468	—	47
2211 gasoline	803	684	119	—	—
2221 kerosene	89	42	0	—	47
2330 distillate fuel oil	1,442	1,042	400	—	—
2340 residual fuel oil	445	395	50	—	—
2350 lube oil & greases	13	1	13	—	—
2410 petro. jelly & waxes	7	5	2	—	—
2429 naphtha & solvents	116	47	69	—	—
2430 asphalt, tar & pitch	4	2	2	—	—
2540 petroleum coke	4,812	2	4,811	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	2	2	—	—
Total chemicals and related products	4,289	1,257	2,854	178	0
Subtotal fertilizers	77	40	37	—	—
3110 nitrogenous fert.	31	16	16	—	—
3120 phosphatic fert.	1	0	1	—	—
3130 potassic fert.	1	0	0	—	—
3190 fert. & mixes nec	44	24	21	—	—
Subtotal other chemicals and related products	4,212	1,217	2,817	178	0
3211 acyclic hydrocarbons	145	1	6	139	—
3212 benzene & toluene	2	0	2	—	—
3219 other hydrocarbons	29	21	8	—	—
3220 alcohols	110	37	37	35	0
3230 carboxylic acids	75	46	29	—	—
3240 nitrogen func. comp.	108	39	69	—	0
3250 organo - inorg. comp.	48	33	15	0	—
3260 organic comp. nec	72	18	51	3	0
3272 sulphuric acid	3	2	0	—	—
3273 ammonia	2	0	1	—	—
3274 sodium hydroxide	179	176	3	—	—
3275 inorg. elem., oxides, & halogen salts	246	53	193	0	—
3276 metallic salts	654	67	587	—	—
3279 inorganic chem. nec	17	7	10	—	—
3281 radioactive material	3	1	2	—	—
3282 pigments & paints	74	44	29	—	0
3283 coloring mat. nec	21	10	11	—	—
3284 medicines	60	32	27	0	0
3285 perfumes & cleansers	174	93	81	—	0
3286 plastics	1,833	379	1,454	1	0
3291 pesticides	37	26	11	—	0
3292 starches, gluten, glue	86	37	50	—	0
3293 explosives	42	42	0	—	—

LONG BEACH HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3297 chemical additives	63	2	60	—	—
3298 wood & resin chem.	13	13	0	—	—
3299 chem. products nec	117	36	81	—	—
Total crude materials, inedible except fuels	6,187	1,230	4,947	10	0
Subtotal forest products, wood and chips	330	209	114	7	0
4110 rubber & gums	14	10	4	—	—
4150 fuel wood	11	10	1	—	—
4161 wood chips	1	0	0	—	—
4170 wood in the rough	53	13	40	0	—
4189 lumber	223	155	61	6	0
4190 forest products nec	28	21	7	0	—
Subtotal pulp and waste paper	2,728	32	2,694	3	—
4225 pulp & waste paper	2,728	32	2,694	3	—
Subtotal soil, sand, gravel, rock and stone	768	751	17	0	—
4310 building stone	161	160	0	0	—
4322 limestone	13	3	10	—	—
4323 gypsum	367	364	3	—	—
4327 phosphate rock	0	0	—	—	—
4331 sand & gravel	227	223	4	—	—
Subtotal iron ore and scrap	1,539	29	1,510	—	—
4410 iron ore	2	0	2	—	—
4420 iron & steel scrap	1,537	29	1,508	—	—
Subtotal marine shells	2	2	0	—	—
4515 marine shells	2	2	0	—	—
Subtotal non-ferrous ores and scrap	221	19	202	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	22	8	14	—	—
4670 manganese ore	15	—	15	—	—
4680 non-ferrous scrap	176	6	170	—	—
4690 non-ferrous ores nec	8	5	3	—	—
Subtotal sulphur, clay and salt	406	29	377	—	—
4741 sulphur, (dry)	365	1	364	—	—
4782 clay & refrac. mat.	41	28	13	—	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	194	160	34	—	—
4900 non-metal. min. nec	194	160	34	—	—
Total primary manufactured goods	7,175	5,268	1,840	67	0
Subtotal paper products	847	611	180	57	0
5110 newsprint	59	2	0	56	—
5120 paper & paperboard	424	291	133	0	0
5190 paper products nec	365	318	47	0	0
Subtotal lime, cement and glass	1,584	1,466	109	9	0
5210 lime	0	0	0	—	—
5220 cement & concrete	310	309	1	—	—
5240 glass & glass prod.	312	241	71	0	0
5290 misc. mineral prod.	962	916	37	9	—
Subtotal primary iron and steel products	1,227	1,072	156	0	—
5312 pig iron	30	24	6	—	—
5315 ferro alloys	33	32	1	—	—
5320 i&s primary forms	384	302	83	—	—
5330 i&s plates & sheets	239	230	9	—	—
5360 i&s bars & shapes	121	109	12	0	—
5370 i&s pipe & tube	347	305	42	—	—
5390 primary i&s nec	73	69	4	—	—
Subtotal primary non-ferrous metal products	3,325	1,943	1,381	0	0
5421 copper	73	57	16	—	—
5422 aluminum	144	122	22	0	—
5429 smelted prod. nec	1,265	81	1,184	0	—
5480 fab. metal products	1,842	1,683	159	0	0
Subtotal primary wood products	192	176	15	0	—
5540 primary wood prod.	192	176	15	0	—
Total food and farm products	6,476	1,912	4,560	4	0
Subtotal fish	223	175	48	0	—
6134 fish (not shellfish)	126	94	32	0	—
6136 shellfish	97	82	15	0	—
Subtotal grain	814	20	794	—	—
6241 wheat	33	0	33	—	—
6344 corn	756	1	755	—	—
6442 rice	23	18	5	—	—
6443 barley & rye	2	0	1	—	—
6445 oats	0	0	0	—	—
Subtotal oilseeds	831	20	811	0	—
6521 peanuts	5	2	3	—	—
6522 soybeans	752	11	741	0	—
6534 flaxseed	0	—	0	0	—

LONG BEACH HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6590 oilseeds nec	74	7	67	0	—
Subtotal vegetable products	415	239	175	1	0
6653 vegetable oils	32	24	8	0	—
6654 vegetables & prod.	383	214	168	1	0
Subtotal processed grain and animal feed	967	61	905	0	0
6746 wheat flour	5	2	2	0	—
6747 grain mill products	275	26	248	0	0
6781 hay & fodder	326	3	322	—	—
6782 animal feed, prep.	362	29	332	—	0
Subtotal other agricultural products	3,226	1,397	1,827	2	0
6811 meat, fresh, frozen	399	129	270	0	—
6817 meat, prepared	34	20	14	—	—
6822 dairy products	77	11	66	—	—
6835 fish, prepared	46	43	2	0	—
6838 tallow, animal oils	39	4	35	—	—
6839 animals & prod. nec	269	13	255	—	—
6856 bananas & plantains	3	2	0	—	—
6857 fruit & nuts nec	537	188	349	0	0
6858 fruit juices	228	198	30	0	—
6861 sugar	2	2	1	—	—
6865 molasses	0	0	0	—	—
6871 coffee	73	38	34	0	0
6872 cocoa beans	9	7	2	—	—
6885 alcoholic beverages	322	281	40	1	—
6888 water & ice	161	152	9	—	—
6889 food products nec	496	287	208	0	0
6891 tobacco & products	7	2	5	—	—
6893 cotton	494	4	490	—	—
6894 natural fibers nec	6	4	3	—	—
6899 farm products nec	25	12	12	0	—
Total all manufactured equipment, machinery and products	14,896	13,333	1,562	1	0
7110 machinery (not elec)	1,618	1,250	367	0	0
7120 electrical machinery	2,977	2,762	215	0	0
7210 vehicles & parts	1,510	1,212	298	0	0
7220 aircraft & parts	14	7	7	—	0
7230 ships & boats	10	5	5	—	—
7300 ordnance & access.	5	4	1	—	—
7400 manufac. wood prod.	203	188	15	0	—
7500 textile products	1,593	1,473	119	0	—
7600 rubber & plastic pr.	1,638	1,369	269	0	0
7900 manufac. prod. nec	5,329	5,063	266	0	0
Total unknown or not elsewhere classified	1,149	679	470	1	0
9900 unknown or nec	1,149	679	470	1	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	12,934	9,523	2,290	884	165	72
Total petroleum and petroleum products	10,633	8,964	558	877	165	69
Subtotal crude petroleum	7,036	7,031	—	6	—	—
2100 crude petroleum	7,036	7,031	—	6	—	—
Subtotal petroleum products	3,597	1,934	558	871	165	69
2211 gasoline	1,160	1,081	67	0	—	11
2330 distillate fuel oil	913	663	223	—	25	3
2340 residual fuel oil	1,283	28	192	868	140	55
2350 lube oil & greases	87	81	3	3	—	—
2429 naphtha & solvents	87	81	5	—	—	—
2540 petroleum coke	61	—	61	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—	—
2990 petro. products nec	7	—	7	—	—	—
Total chemicals and related products	58	15	36	7	—	—
Subtotal fertilizers	1	—	1	—	—	—
3190 fert. & mixes nec	1	—	1	—	—	—
Subtotal other chemicals and related products	57	15	35	7	—	—
3212 benzene & toluene	0	—	0	—	—	—
3220 alcohols	25	12	5	7	—	—
3260 organic comp. nec	0	—	0	—	—	—
3282 pigments & paints	8	0	8	—	—	—
3285 perfumes & cleansers	15	0	15	—	—	—
3286 plastics	0	—	0	—	—	—
3291 pesticides	0	0	0	—	—	—
3297 chemical additives	0	—	0	—	—	—
3299 chem. products nec	8	3	5	—	—	—
Total crude materials, inedible except fuels	282	279	3	—	—	—
Subtotal forest products, wood and chips	272	270	2	—	—	—
4189 lumber	271	270	1	—	—	—
4190 forest products nec	1	0	1	—	—	—
Subtotal soil, sand, gravel, rock and stone	1	1	0	—	—	—
4331 sand & gravel	1	1	—	—	—	—
4338 soil & fill dirt	0	—	0	—	—	—
Subtotal iron ore and scrap	7	7	—	—	—	—
4420 iron & steel scrap	7	7	—	—	—	—

LONG BEACH HARBOR, CA
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal other non-metal. min.	1	0	1	—	—	—
4900 non-metal. min. nec	1	0	1	—	—	—
Total primary manufactured goods	59	5	54	—	—	—
Subtotal paper products	32	3	29	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	0	—	0	—	—	—
5190 paper products nec	32	3	29	—	—	—
Subtotal lime, cement and glass	2	0	2	—	—	—
5290 misc. mineral prod.	2	0	2	—	—	—
Subtotal primary iron and steel products	1	0	1	—	—	—
5370 i&s pipe & tube	1	0	1	—	—	—
Subtotal primary non-ferrous metal products	24	2	22	—	—	—
5480 fab. metal products	24	2	22	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	503	77	425	—	—	—
Subtotal fish	0	—	0	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—
Subtotal grain	1	0	1	—	—	—
6344 corn	0	—	0	—	—	—
6442 rice	1	0	1	—	—	—
Subtotal vegetable products	39	4	35	—	—	—
6654 vegetables & prod.	39	4	35	—	—	—
Subtotal processed grain and animal feed	5	4	1	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	0	0	0	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	5	4	1	—	—	—
Subtotal other agricultural products	457	69	388	—	—	—
6811 meat, fresh, frozen	35	1	34	—	—	—
6822 dairy products	0	—	0	—	—	—
6835 fish, prepared	15	15	—	—	—	—
6839 animals & prod. nec	4	4	0	—	—	—
6856 bananas & plantains	1	—	1	—	—	—
6857 fruit & nuts nec	17	17	0	—	—	—
6858 fruit juices	0	—	0	—	—	—
6861 sugar	4	4	—	—	—	—
6871 coffee	0	0	—	—	—	—
6885 alcoholic beverages	116	1	115	—	—	—
6887 groceries	0	0	0	—	—	—
6889 food products nec	262	26	236	—	—	—
6891 tobacco & products	0	0	0	—	—	—
6899 farm products nec	3	2	0	—	—	—
Total all manufactured equipment, machinery and products	1,398	182	1,214	—	—	3
7110 machinery (not elec)	46	5	38	—	—	3
7120 electrical machinery	23	6	16	—	—	—
7210 vehicles & parts	78	36	41	—	—	—
7230 ships & boats	0	0	0	—	—	—
7400 manufac. wood prod.	186	21	165	—	—	—
7500 textile products	1	1	0	—	—	—
7600 rubber & plastic pr.	9	4	5	—	—	—
7900 manufac. prod. nec	1,055	107	948	—	—	—
Total waste and scrap nec	0	0	0	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—
Total unknown or not elsewhere classified	1	1	0	—	—	—
9900 unknown or nec	1	1	0	—	—	—

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
1999	42,267	2002	52,216	2005	54,894	2008	59,788
2000	48,128	2003	51,327	2006	65,978		
2001	51,396	2004	51,363	2007	65,502		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	52,913	32,610	20,109	123	71
Total coal	103	4	99	0	---
1100 coal & lignite	62	4	58	0	---
1200 coal coke	41	---	41	---	---
Total petroleum and petroleum products	4,054	2,161	1,847	4	43
Subtotal crude petroleum	145	145	---	---	---
2100 crude petroleum	145	145	---	---	---
Subtotal petroleum products	3,909	2,016	1,847	4	43
2211 gasoline	1,271	730	529	4	8
2221 kerosene	212	178	0	---	35
2330 distillate fuel oil	1,393	842	551	---	---
2340 residual fuel oil	162	99	63	---	---
2350 lube oil & greases	10	2	9	---	---
2410 petro. jelly & waxes	23	21	2	---	---
2429 naphtha & solvents	297	140	157	---	---
2430 asphalt, tar & pitch	26	2	24	---	---
2540 petroleum coke	510	1	509	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	1	3	---	---
Total chemicals and related products	5,030	1,922	3,011	97	0
Subtotal fertilizers	76	12	64	---	---
3110 nitrogenous fert.	2	2	0	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	2	0	2	---	---
3190 fert. & mixes nec	71	10	62	---	---
Subtotal other chemicals and related products	4,954	1,910	2,947	97	0
3211 acyclic hydrocarbons	86	7	10	68	---
3212 benzene & toluene	19	16	3	---	---
3219 other hydrocarbons	73	56	16	---	0
3220 alcohols	215	94	95	26	---
3230 carboxylic acids	167	105	62	---	---
3240 nitrogen func. comp.	225	75	149	---	---
3250 organo - inorg. comp.	135	71	63	---	0
3260 organic comp. nec	189	35	152	2	---
3272 sulphuric acid	15	14	1	---	---
3273 ammonia	2	1	1	---	---
3274 sodium hydroxide	199	188	11	---	0
3275 inorg. elem., oxides, & halogen salts	337	83	254	---	---
3276 metallic salts	518	96	422	---	---
3279 inorganic chem. nec	74	11	63	---	---
3281 radioactive material	6	3	3	---	---
3282 pigments & paints	83	55	28	---	---
3283 coloring mat. nec	25	16	9	---	---
3284 medicines	102	58	44	---	---
3285 perfumes & cleansers	187	97	90	0	---
3286 plastics	1,744	580	1,164	---	---
3291 pesticides	54	39	15	---	---
3292 starches, gluten, glue	166	84	83	---	---
3293 explosives	43	42	1	---	0
3297 chemical additives	132	7	125	---	0
3298 wood & resin chem.	4	4	1	---	---
3299 chem. products nec	153	72	81	---	0
Total crude materials, inedible except fuels	4,987	540	4,446	0	0
Subtotal forest products, wood and chips	458	300	158	0	0
4110 rubber & gums	46	44	2	---	---
4150 fuel wood	7	7	0	---	---
4161 wood chips	0	0	0	---	---
4170 wood in the rough	91	12	79	0	---
4189 lumber	265	196	70	---	0
4190 forest products nec	47	42	6	---	---
Subtotal pulp and waste paper	2,530	26	2,504	---	0
4225 pulp & waste paper	2,530	26	2,504	---	0
Subtotal soil, sand, gravel, rock and stone	142	128	14	0	---
4310 building stone	101	101	0	0	---
4322 limestone	12	9	3	---	---
4323 gypsum	4	1	4	---	---
4331 sand & gravel	24	17	6	---	---
Subtotal iron ore and scrap	1,405	2	1,403	---	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	1,405	2	1,403	---	---
Subtotal marine shells	3	2	1	---	---
4515 marine shells	3	2	1	---	---
Subtotal non-ferrous ores and scrap	181	26	155	---	---
4630 copper ore	5	4	1	---	---

LOS ANGELES HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4650 aluminum ore	15	4	11	—	—
4670 manganese ore	9	0	9	—	—
4680 non-ferrous scrap	144	14	131	—	—
4690 non-ferrous ores nec	8	5	4	—	—
Subtotal sulphur, clay and salt	181	20	162	—	—
4741 sulphur, (dry)	139	3	136	—	—
4782 clay & refrac. mat.	42	17	26	—	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	86	36	51	—	0
4900 non-metal. min. nec	86	36	51	—	0
Total primary manufactured goods	9,779	7,611	2,150	18	0
Subtotal paper products	1,111	773	324	14	0
5110 newsprint	41	33	0	7	—
5120 paper & paperboard	603	382	214	7	0
5190 paper products nec	467	358	109	0	—
Subtotal lime, cement and glass	1,267	1,179	84	4	0
5210 lime	0	0	0	—	—
5220 cement & concrete	224	222	2	—	—
5240 glass & glass prod.	320	277	43	0	0
5290 misc. mineral prod.	723	680	39	4	0
Subtotal primary iron and steel products	2,958	2,829	129	0	—
5312 pig iron	33	30	3	—	—
5315 ferro alloys	11	11	0	—	—
5320 i&s primary forms	1,762	1,700	62	0	—
5330 i&s plates & sheets	170	165	5	—	—
5360 i&s bars & shapes	207	181	25	0	—
5370 i&s pipe & tube	672	644	28	0	—
5390 primary i&s nec	103	97	6	—	—
Subtotal primary non-ferrous metal products	4,195	2,593	1,602	—	0
5421 copper	78	73	6	—	—
5422 aluminum	146	122	24	—	—
5429 smelted prod. nec	1,434	33	1,400	—	0
5480 fab. metal products	2,537	2,365	171	—	0
Subtotal primary wood products	248	236	12	—	—
5540 primary wood prod.	248	236	12	—	—
Total food and farm products	9,602	3,127	6,447	1	27
Subtotal fish	493	455	38	0	0
6134 fish (not shellfish)	196	171	24	0	—
6136 shellfish	297	284	14	0	0
Subtotal grain	916	171	744	—	—
6241 wheat	7	1	7	—	—
6344 corn	737	3	735	—	—
6442 rice	170	168	2	—	—
6443 barley & rye	1	0	1	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	1,025	32	993	—	—
6521 peanuts	3	1	2	—	—
6522 soybeans	937	16	921	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	85	15	71	—	—
Subtotal vegetable products	632	282	349	0	—
6653 vegetable oils	34	19	15	0	—
6654 vegetables & prod.	598	263	334	0	—
Subtotal processed grain and animal feed	1,408	81	1,327	—	0
6746 wheat flour	5	3	3	—	—
6747 grain mill products	377	55	322	—	—
6781 hay & fodder	582	1	580	—	—
6782 animal feed, prep.	444	21	422	—	0
Subtotal other agricultural products	5,128	2,106	2,994	1	26
6811 meat, fresh, frozen	432	47	385	—	0
6817 meat, prepared	35	3	32	—	—
6822 dairy products	85	10	75	0	—
6835 fish, prepared	96	93	3	—	—
6838 tallow, animal oils	12	7	6	—	—
6839 animals & prod. nec	384	17	367	—	—
6856 bananas & plantains	52	52	0	—	—
6857 fruit & nuts nec	857	484	373	0	0
6858 fruit juices	575	513	62	—	0
6861 sugar	20	19	1	—	—
6865 molasses	0	0	0	—	—
6871 coffee	167	104	63	—	0
6872 cocoa beans	13	12	1	—	—
6885 alcoholic beverages	403	305	71	1	26
6888 water & ice	61	57	4	0	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6889 food products nec	549	346	203	0	0
6891 tobacco & products	20	3	17	—	—
6893 cotton	1,149	7	1,142	—	—
6894 natural fibers nec	14	10	4	—	—
6899 farm products nec	202	19	183	—	—
Total all manufactured equipment, machinery and products	18,150	16,391	1,755	2	1
7110 machinery (not elec)	1,820	1,531	289	—	1
7120 electrical machinery	3,328	3,123	205	—	0
7210 vehicles & parts	2,033	1,758	276	0	0
7220 aircraft & parts	14	9	5	—	—
7230 ships & boats	9	6	4	—	—
7300 ordnance & access.	7	6	1	—	—
7400 manufac. wood prod.	254	241	13	—	0
7500 textile products	2,810	2,550	259	0	0
7600 rubber & plastic pr.	2,056	1,652	404	0	0
7900 manufac. prod. nec	5,818	5,516	299	2	0
Total unknown or not elsewhere classified	1,209	854	355	0	0
9900 unknown or nec	1,209	854	355	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,875	4,309	646	165	884	872
Total petroleum and petroleum products	6,570	4,103	553	165	877	872
Subtotal crude petroleum	19	13	—	—	6	—
2100 crude petroleum	19	13	—	—	6	—
Subtotal petroleum products	6,551	4,090	553	165	871	872
2211 gasoline	2,248	2,198	50	—	0	—
2221 kerosene	7	—	—	—	—	7
2330 distillate fuel oil	393	247	110	25	—	12
2340 residual fuel oil	3,601	1,356	390	140	868	847
2350 lube oil & greases	181	169	3	—	3	6
2429 naphtha & solvents	120	120	—	—	—	—
Total chemicals and related products	23	—	16	—	7	—
Subtotal other chemicals and related products	23	—	16	—	7	—
3220 alcohols	23	—	16	—	7	—
Total crude materials, inedible except fuels	51	25	25	—	—	—
Subtotal soil, sand, gravel, rock and stone	51	25	25	—	—	—
4331 sand & gravel	51	25	25	—	—	—
Total primary manufactured goods	1	0	1	—	—	—
Subtotal lime, cement and glass	1	—	1	—	—	—
5220 cement & concrete	1	—	1	—	—	—
Subtotal primary non-ferrous metal products	0	0	—	—	—	—
5480 fab. metal products	0	0	—	—	—	—
Total food and farm products	178	178	—	—	—	—
Subtotal vegetable products	0	0	—	—	—	—
6653 vegetable oils	0	0	—	—	—	—
Subtotal processed grain and animal feed	9	9	—	—	—	—
6782 animal feed, prep.	9	9	—	—	—	—
Subtotal other agricultural products	169	169	—	—	—	—
6835 fish, prepared	169	169	—	—	—	—
Total all manufactured equipment, machinery and products	52	1	50	—	—	0
7110 machinery (not elec)	2	0	2	—	—	0
7120 electrical machinery	0	0	—	—	—	—
7210 vehicles & parts	0	0	0	—	—	—
7500 textile products	1	1	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—
7900 manufac. prod. nec	49	0	49	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

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
1999	1,121	2002	1,152	2005	1,611	2008	1,301
2000	1,194	2003	1,090	2006	1,612		
2001	1,134	2004	1,314	2007	1,471		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
Total, all commodities	1,301	1,217	62	22	4	18
Total petroleum and petroleum products	7	3	0	3	3	—
Subtotal petroleum products	7	3	0	3	3	—
2330 distillate fuel oil	0	0	—	—	—	—
2340 residual fuel oil	3	—	—	3	3	—

PORT HUENEME, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
2429 naphtha & solvents	0	—	0	—	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	3	—	—	—	—
Total chemicals and related products	123	122	1	—	—	—
Subtotal fertilizers	77	77	0	—	—	—
3110 nitrogenous fert.	77	77	0	—	—	—
3190 fert. & mixes nec	0	—	0	—	—	—
Subtotal other chemicals and related products	46	45	1	—	—	—
3220 alcohols	7	7	—	—	—	—
3260 organic comp. nec	0	0	—	—	—	—
3273 ammonia	3	3	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—
3276 metallic salts	34	34	0	—	—	—
3282 pigments & paints	0	—	0	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—
3284 medicines	0	—	0	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—
3286 plastics	1	1	0	—	—	—
3291 pesticides	0	—	0	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—
3299 chem. products nec	0	0	0	—	—	—
Total crude materials, inedible except fuels	8	0	8	—	—	—
Subtotal forest products, wood and chips	0	0	0	—	—	—
4150 fuel wood	0	—	0	—	—	—
4189 lumber	0	0	—	—	—	—
Subtotal pulp and waste paper	8	0	8	—	—	—
4225 pulp & waste paper	8	0	8	—	—	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—	—	—
4331 sand & gravel	0	—	0	—	—	—
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	3	1	1	—	—	—
Subtotal paper products	1	0	1	—	—	—
5110 newsprint	0	0	—	—	—	—
5120 paper & paperboard	0	—	0	—	—	—
5190 paper products nec	0	0	0	—	—	—
Subtotal lime, cement and glass	0	—	0	—	—	—
5290 misc. mineral prod.	0	—	0	—	—	—
Subtotal primary iron and steel products	0	0	0	—	—	—
5320 i&s primary forms	0	—	0	—	—	—
5360 i&s bars & shapes	0	0	0	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—
Subtotal primary non-ferrous metal products	2	1	1	—	—	—
5421 copper	0	—	0	—	—	—
5422 aluminum	0	—	0	—	—	—
5429 smelted prod. nec	0	—	0	—	—	—
5480 fab. metal products	2	1	1	—	—	—
Total food and farm products	702	688	15	—	—	—
Subtotal fish	1	1	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—
6136 shellfish	1	1	—	—	—	—
Subtotal vegetable products	5	1	4	—	—	—
6653 vegetable oils	0	—	0	—	—	—
6654 vegetables & prod.	5	1	3	—	—	—
Subtotal processed grain and animal feed	0	0	0	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	0	0	—	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—
Subtotal other agricultural products	697	686	11	—	—	—
6811 meat, fresh, frozen	0	—	0	—	—	—
6822 dairy products	2	—	2	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—
6856 bananas & plantains	615	615	0	—	—	—
6857 fruit & nuts nec	72	65	7	—	—	—
6858 fruit juices	5	5	0	—	—	—
6871 coffee	0	—	0	—	—	—
6872 cocoa beans	0	—	0	—	—	—
6885 alcoholic beverages	0	0	0	—	—	—
6889 food products nec	2	0	1	—	—	—
6893 cotton	0	—	0	—	—	—
6899 farm products nec	0	0	0	—	—	—
Total all manufactured equipment, machinery and products	333	278	36	19	1	18

PORT HUENEME, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
7110 machinery (not elec)	57	38	2	17	—	17
7120 electrical machinery	7	7	0	—	—	—
7210 vehicles & parts	253	228	25	—	—	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	1	1	0	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—
7500 textile products	11	4	7	—	—	—
7600 rubber & plastic pr.	0	0	0	—	—	—
7900 manufac. prod. nec	4	1	1	2	1	1
Total unknown or not elsewhere classified	126	124	1	—	—	—
9900 unknown or nec	126	124	1	—	—	—

Other Harbors and Waterways 2008

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
MISSION BAY, CA MORRO BAY HARBOR, CA NEWPORT BAY HARBOR, CA OCEANSIDE HARBOR, CA REDONDO BEACH, CA	No Commerce Reported No Commerce Reported No Commerce Reported No Commerce Reported 7110 machinery (not elec)	
	Total Tons(x1000)	0
SANTA BARBARA HARBOR, CA	5480 fab. metal products 7110 machinery (not elec)	0 0
	Total Tons(x1000)	0
Non-project		
ELLWOOD, CA	2100 crude petroleum 5480 fab. metal products 7110 machinery (not elec) 7900 manufac. prod. nec	231 0 16 20
	Total Tons(x1000)	267

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
1999	925	2002	657	2005	692	2008	889
2000	867	2003	770	2006	487		
2001	690	2004	594	2007	824		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal
				Inbound Upbound
Total, all commodities	889	477	348	64
Total petroleum and petroleum products	37	—	37	—
Subtotal petroleum products	37	—	37	—
2540 petroleum coke	37	—	37	—
Total chemicals and related products	258	258	—	—
Subtotal fertilizers	200	200	—	—
3110 nitrogenous fert.	163	163	—	—
3130 potassic fert.	12	12	—	—
3190 fert. & mixes nec	25	25	—	—
Subtotal other chemicals and related products	57	57	—	—
3273 ammonia	17	17	—	—
3276 metallic salts	40	40	—	—
Total crude materials, inedible except fuels	169	0	104	64
Subtotal soil, sand, gravel, rock and stone	45	—	—	45
4331 sand & gravel	45	—	—	45
Subtotal iron ore and scrap	104	—	104	—
4420 iron & steel scrap	104	—	104	—
Subtotal marine shells	19	0	—	19
4515 marine shells	19	0	—	19
Total primary manufactured goods	175	175	—	—
Subtotal lime, cement and glass	170	170	—	—
5220 cement & concrete	170	170	—	—
Subtotal primary iron and steel products	3	3	—	—
5320 i&s primary forms	0	0	—	—
5360 i&s bars & shapes	1	1	—	—
5370 i&s pipe & tube	2	2	—	—
Subtotal primary non-ferrous metal products	1	1	—	—
5480 fab. metal products	1	1	—	—
Total food and farm products	236	31	205	—
Subtotal grain	205	—	205	—
6442 rice	205	—	205	—
Subtotal other agricultural products	31	31	—	—
6865 molasses	31	31	—	—
Total all manufactured equipment, machinery and products	15	14	1	0
7110 machinery (not elec)	4	4	—	—
7120 electrical machinery	9	9	—	—
7210 vehicles & parts	0	0	—	—
7400 manufac. wood prod.	0	—	—	0
7600 rubber & plastic pr.	2	1	1	—
7900 manufac. prod. nec	0	0	—	—
Ton-miles (x1000)	70,924	41,021	29,903	0

Tons All Traffic (x1000) 889
 Ton-miles All Traffic (x1000) 70,924
 Total Trip-ton-miles Internal and Intraport (x1000) 1,594

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
1999	912	2002	619	2005	589	2008	825
2000	852	2003	743	2006	386		
2001	669	2004	545	2007	700		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Total, all commodities	825	477	348
Total petroleum and petroleum products	37	---	37
Subtotal petroleum products	37	---	37
2540 petroleum coke	37	---	37
Total chemicals and related products	258	258	---
Subtotal fertilizers	200	200	---
3110 nitrogenous fert.	163	163	---
3130 potassic fert.	12	12	---
3190 fert. & mixes nec	25	25	---
Subtotal other chemicals and related products	57	57	---
3273 ammonia	17	17	---
3276 metallic salts	40	40	---
Total crude materials, inedible except fuels	104	0	104
Subtotal iron ore and scrap	104	---	104
4420 iron & steel scrap	104	---	104
Subtotal marine shells	0	0	---
4515 marine shells	0	0	---
Total primary manufactured goods	175	175	---
Subtotal lime, cement and glass	170	170	---
5220 cement & concrete	170	170	---
Subtotal primary iron and steel products	3	3	---
5320 i&s primary forms	0	0	---
5360 i&s bars & shapes	1	1	---
5370 i&s pipe & tube	2	2	---
Subtotal primary non-ferrous metal products	1	1	---
5480 fab. metal products	1	1	---
Total food and farm products	236	31	205
Subtotal grain	205	---	205
6442 rice	205	---	205
Subtotal other agricultural products	31	31	---
6865 molasses	31	31	---
Total all manufactured equipment, machinery and products	15	14	1
7110 machinery (not elec)	4	4	---
7120 electrical machinery	9	9	---
7210 vehicles & parts	0	0	---
7600 rubber & plastic pr.	2	1	1
7900 manufac. prod. nec	0	0	---
Ton-miles (x1000)	33,812	19,556	14,256

Tons All Traffic (x1000) **825**
 Ton-miles All Traffic (x1000) **33,812**

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
1999	915	2002	619	2005	589	2008	825
2000	852	2003	743	2006	386		
2001	669	2004	547	2007	700		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Total, all commodities	825	477	348
Total petroleum and petroleum products	37	---	37
Subtotal petroleum products	37	---	37
2540 petroleum coke	37	---	37
Total chemicals and related products	258	258	---
Subtotal fertilizers	200	200	---
3110 nitrogenous fert.	163	163	---

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
3130 potassic fert.	12	12	—
3190 fert. & mixes nec	25	25	—
Subtotal other chemicals and related products	57	57	—
3273 ammonia	17	17	—
3276 metallic salts	40	40	—
Total crude materials, inedible except fuels	104	0	104
Subtotal iron ore and scrap	104	—	104
4420 iron & steel scrap	104	—	104
Subtotal marine shells	0	0	—
4515 marine shells	0	0	—
Total primary manufactured goods	175	175	—
Subtotal lime, cement and glass	170	170	—
5220 cement & concrete	170	170	—
Subtotal primary iron and steel products	3	3	—
5320 i&s primary forms	0	0	—
5360 i&s bars & shapes	1	1	—
5370 i&s pipe & tube	2	2	—
Subtotal primary non-ferrous metal products	1	1	—
5480 fab. metal products	1	1	—
Total food and farm products	236	31	205
Subtotal grain	205	—	205
6442 rice	205	—	205
Subtotal other agricultural products	31	31	—
6865 molasses	31	31	—
Total all manufactured equipment, machinery and products	15	14	1
7110 machinery (not elec)	4	4	—
7120 electrical machinery	9	9	—
7210 vehicles & parts	0	0	—
7600 rubber & plastic pr.	2	1	1
7900 manufac. prod. nec	0	0	—

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

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	3,051	2002	4,840	2005	4,965	2008	3,783
2000	3,755	2003	3,539	2006	6,367		
2001	3,996	2004	4,613	2007	5,182		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Outbound	Domestic Internal Inbound Upbound
		Inbound	Outbound		
		Total, all commodities	3,782	1,929	1,751	19	83
Total coal	43	—	43	—	—
1200 coal coke	43	—	43	—	—
Total petroleum and petroleum products	1,306	22	1,264	19	—
Subtotal petroleum products	1,306	22	1,264	19	—
2211 gasoline	76	4	53	19	—
2330 distillate fuel oil	40	—	40	—	—
2340 residual fuel oil	40	—	40	—	—
2410 petro. jelly & waxes	6	6	—	—	—
2540 petroleum coke	1,132	—	1,132	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	12	—	—	—
Total chemicals and related products	570	570	—	—	—
Subtotal fertilizers	270	270	—	—	—
3110 nitrogenous fert.	267	267	—	—	—
3130 potassic fert.	3	3	—	—	—
Subtotal other chemicals and related products	300	300	—	—	—
3220 alcohols	3	3	—	—	—
3273 ammonia	251	251	—	—	—
3274 sodium hydroxide	18	18	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	—	—	—
3276 metallic salts	27	27	—	—	—
Total crude materials, inedible except fuels	473	187	242	—	44
Subtotal forest products, wood and chips	0	0	—	—	—
4189 lumber	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	146	102	—	—	44
4323 gypsum	132	101	—	—	30
4331 sand & gravel	14	1	—	—	14

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Outbound	Internal
					Inbound	Upbound
Subtotal sulphur, clay and salt	242	—	242	—	—
4741 sulphur, (dry)	242	—	242	—	—
Subtotal slag	66	66	—	—	—
4860 slag	66	66	—	—	—
Subtotal other non-metal. min.	19	19	—	—	—
4900 non-metal. min. nec	19	19	—	—	—
Total primary manufactured goods	887	887	—	—	—
Subtotal lime, cement and glass	169	169	—	—	—
5220 cement & concrete	169	169	—	—	—
Subtotal primary iron and steel products	702	702	—	—	—
5320 i&s primary forms	14	14	—	—	—
5330 i&s plates & sheets	615	615	—	—	—
5360 i&s bars & shapes	46	46	—	—	—
5370 i&s pipe & tube	27	27	—	—	—
Subtotal primary non-ferrous metal products	13	13	—	—	—
5429 smelted prod. nec	0	0	—	—	—
5480 fab. metal products	13	13	—	—	—
Subtotal primary wood products	2	2	—	—	—
5540 primary wood prod.	2	2	—	—	—
Total food and farm products	409	169	201	—	40
Subtotal grain	221	33	188	—	—
6442 rice	221	33	188	—	—
Subtotal vegetable products	26	26	—	—	—
6653 vegetable oils	26	26	—	—	—
Subtotal other agricultural products	162	109	13	—	40
6838 tallow, animal oils	13	—	13	—	—
6865 molasses	149	109	—	—	40
Total all manufactured equipment, machinery and products	87	86	2	—	0
7110 machinery (not elec)	44	44	—	—	—
7120 electrical machinery	2	2	—	—	—
7210 vehicles & parts	4	4	—	—	—
7400 manufac. wood prod.	1	1	—	—	0
7600 rubber & plastic pr.	33	31	2	—	—
7900 manufac. prod. nec	4	4	—	—	—
Total unknown or not elsewhere classified	8	8	—	—	—
9900 unknown or nec	8	8	—	—	—
Ton-miles (x1000)	77,039	52,085	22,803	19	2,132

Tons All Traffic (x1000) **3,783**
Ton-miles All Traffic (x1000) **77,055**
Total Trip-ton-miles Internal and Intraport (x1000) **6,304**

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
1999	1,315	2002	2,428	2005	2,643	2008	1,772
2000	2,051	2003	1,980	2006	3,042		
2001	2,605	2004	2,803	2007	2,823		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal
				Receipts
Total, all commodities	1,772	1,219	513	40
Total petroleum and petroleum products	82	12	69	—
Subtotal petroleum products	82	12	69	—
2540 petroleum coke	69	—	69	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	12	—	—
Total chemicals and related products	552	552	—	—
Subtotal fertilizers	270	270	—	—
3110 nitrogenous fert.	267	267	—	—
3130 potassic fert.	3	3	—	—
Subtotal other chemicals and related products	282	282	—	—
3220 alcohols	3	3	—	—
3273 ammonia	251	251	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	—	—
3276 metallic salts	27	27	—	—
Total crude materials, inedible except fuels	352	111	242	—
Subtotal forest products, wood and chips	0	0	—	—
4189 lumber	0	0	—	—

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal Receipts
Subtotal soil, sand, gravel, rock and stone	26	26	---	---
4323 gypsum	25	25	---	---
4331 sand & gravel	1	1	---	---
Subtotal sulphur, clay and salt	242	---	242	---
4741 sulphur, (dry)	242	---	242	---
Subtotal slag	66	66	---	---
4860 slag	66	66	---	---
Subtotal other non-metal. min.	19	19	---	---
4900 non-metal. min. nec	19	19	---	---
Total primary manufactured goods	284	284	---	---
Subtotal lime, cement and glass	169	169	---	---
5220 cement & concrete	169	169	---	---
Subtotal primary iron and steel products	100	100	---	---
5320 i&s primary forms	14	14	---	---
5330 i&s plates & sheets	12	12	---	---
5360 i&s bars & shapes	46	46	---	---
5370 i&s pipe & tube	27	27	---	---
Subtotal primary non-ferrous metal products	13	13	---	---
5429 smelted prod. nec	0	0	---	---
5480 fab. metal products	13	13	---	---
Subtotal primary wood products	2	2	---	---
5540 primary wood prod.	2	2	---	---
Total food and farm products	409	169	201	40
Subtotal grain	221	33	188	---
6442 rice	221	33	188	---
Subtotal vegetable products	26	26	---	---
6653 vegetable oils	26	26	---	---
Subtotal other agricultural products	162	109	13	40
6838 tallow, animal oils	13	---	13	---
6865 molasses	149	109	---	40
Total all manufactured equipment, machinery and products	83	82	2	---
7110 machinery (not elec)	40	40	---	---
7120 electrical machinery	2	2	---	---
7210 vehicles & parts	4	4	---	---
7400 manufac. wood prod.	1	1	---	---
7600 rubber & plastic pr.	33	31	2	---
7900 manufac. prod. nec	4	4	---	---
Total unknown or not elsewhere classified	8	8	---	---
9900 unknown or nec	8	8	---	---

Other Harbors and Waterways 2008

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, 2008
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
SACRAMENTO RIVER, CA	477	348	---	---	64	---	889	1.15	---
REDWOOD CITY HARBOR, CA	1,310	300	---	---	65	---	1,675	2.18	---
SAN RAFAEL CREEK, CA	---	---	---	---	---	---	---	0.00	---
BERKELEY, CA	---	---	---	---	---	---	---	0.00	---
CARQUINEZ STRAIT, CA	9,571	1,747	3,984	2,008	414	196	17,918	23.28	6,479
NEWARK SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
PETALUMA RIVER, CA	---	---	---	---	712	---	712	0.93	---
OTHER SAN FRANCISCO BAY AREA PORTS, CA	233	152	14	---	1,958	103	2,459	3.19	---
SAN FRANCISCO HARBOR, CA	804	56	2	---	508	17	1,386	1.80	---
COYOTE HILL SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
OAKLAND HARBOR, CA	6,497	8,631	148	1,042	1,455	36	17,810	23.14	---
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	317	72	898	414	197	9	1,907	2.48	24,584
ALVISO SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
SUISUN CHANNEL, CA	---	---	---	---	---	---	---	0.00	---
SAN JOAQUIN RIVER, CA**	1,929	1,770	0	---	83	---	3,783	4.91	---
RICHMOND HARBOR, CA	13,044	2,899	4,407	3,180	2,008	819	26,357	34.24	---
NAPA RIVER, CA	---	---	---	---	77	---	77	0.10	---
SUISUN BAY CHANNEL, CA	---	59	453	546	915	26	1,999	2.60	4,626
TOTAL (UNADJUSTED)	34,182	16,032	9,905	7,190	8,457	1,207	76,973	---	35,689
PERCENT (UNADJUSTED)	44.41	20.83	12.87	9.34	10.99	1.57	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA	34,182	16,032	9,905	7,190	4,228	1,207	72,744	---	---
PERCENT (ADJUSTED)	46.99	22.04	13.62	9.88	5.81	1.66	---	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
1999	50,666	2002	54,143	2005	65,239	2008	67,309
2000	51,387	2003	58,538	2006	69,995		
2001	56,965	2004	63,273	2007	66,290		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	67,309	31,228	15,033	2,954	998	17,095	9,905	7,190
Total coal	49	6	43	---	0	---	---	---
1100 coal & lignite	6	6	0	---	0	---	---	---
1200 coal coke	43	0	43	---	---	---	---	---
Total petroleum and petroleum products	42,924	20,422	5,310	395	965	15,833	9,720	6,113
Subtotal crude petroleum	25,439	18,624	---	390	---	6,425	6,385	40
2100 crude petroleum	25,439	18,624	---	390	---	6,425	6,385	40
Subtotal petroleum products	17,485	1,797	5,310	5	965	9,409	3,335	6,074
2211 gasoline	6,945	228	1,381	---	645	4,690	970	3,720
2221 kerosene	214	---	167	---	47	---	---	---
2330 distillate fuel oil	4,719	1,084	1,439	5	261	1,931	1,196	736
2340 residual fuel oil	2,905	388	447	---	---	2,070	1,106	963
2350 lube oil & greases	585	0	64	---	---	520	3	517
2410 petro. jelly & waxes	72	72	0	---	---	---	---	---
2429 naphtha & solvents	255	13	36	---	11	196	59	137
2430 asphalt, tar & pitch	99	0	99	---	---	---	---	---
2540 petroleum coke	1,677	0	1,677	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	13	13	0	---	---	---	---	---
2990 petro. products nec	1	---	---	---	---	1	---	1
Total chemicals and related products	2,152	1,483	460	100	17	92	26	66
Subtotal fertilizers	554	518	23	---	---	12	3	9
3110 nitrogenous fert.	470	470	0	---	---	---	---	---

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
3120 phosphatic fert.	0	0	—	—	—	—	—	—
3130 potassic fert.	16	16	—	—	—	—	—	—
3190 fert. & mixes nec	67	32	23	—	—	12	3	9
Subtotal other chemicals and related products	1,598	965	437	100	17	80	23	57
3211 acyclic hydrocarbons	173	0	65	100	—	8	—	8
3212 benzene & toluene	18	5	0	—	1	11	11	—
3219 other hydrocarbons	1	1	0	—	—	—	—	—
3220 alcohols	130	68	14	—	—	48	11	37
3230 carboxylic acids	33	27	6	0	—	—	—	—
3240 nitrogen func. comp.	12	4	8	—	—	—	—	—
3250 organo - inorg. comp.	5	4	1	—	—	—	—	—
3260 organic comp. nec	14	5	9	—	0	0	—	0
3272 sulphuric acid	0	0	0	—	—	—	—	—
3273 ammonia	304	304	0	—	—	—	—	—
3274 sodium hydroxide	247	247	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	98	17	81	—	—	—	—	—
3276 metallic salts	132	110	7	—	16	—	—	—
3279 inorganic chem. nec	4	2	2	—	—	—	—	—
3281 radioactive material	6	2	4	—	—	—	—	—
3282 pigments & paints	14	6	6	—	0	2	—	2
3283 coloring mat. nec	2	1	1	—	—	—	—	—
3284 medicines	11	7	4	—	—	—	—	—
3285 perfumes & cleansers	32	12	16	—	0	4	0	4
3286 plastics	256	93	163	—	—	0	0	0
3291 pesticides	6	4	2	—	—	0	—	0
3292 starches, gluten, glue	33	28	5	—	—	—	—	—
3293 explosives	3	2	0	—	—	—	—	—
3297 chemical additives	15	0	15	—	—	—	—	—
3298 wood & resin chem.	1	1	—	—	—	—	—	—
3299 chem. products nec	48	14	26	—	—	7	0	6
Total crude materials, inedible except fuels	7,308	1,219	3,615	2,449	1	24	15	9
Subtotal forest products, wood and chips	259	196	54	1	—	8	1	8
4110 rubber & gums	4	1	2	—	—	—	—	—
4150 fuel wood	5	5	0	—	—	—	—	—
4161 wood chips	6	0	0	—	—	5	—	5
4170 wood in the rough	41	19	22	—	—	—	—	—
4189 lumber	186	156	26	1	—	3	1	3
4190 forest products nec	17	14	2	0	—	0	0	0
Subtotal pulp and waste paper	1,729	8	1,720	2	—	—	—	—
4225 pulp & waste paper	1,729	8	1,720	2	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,231	768	2	2,446	1	14	14	0
4310 building stone	55	53	0	1	1	—	—	—
4322 limestone	60	3	0	57	—	—	—	—
4323 gypsum	711	707	0	4	—	—	—	—
4331 sand & gravel	2,405	5	1	2,384	—	14	14	0
4338 soil & fill dirt	0	—	—	—	—	0	—	0
Subtotal iron ore and scrap	1,430	0	1,430	—	—	1	1	—
4410 iron ore	0	0	0	—	—	—	—	—
4420 iron & steel scrap	1,430	0	1,430	—	—	1	1	—
Subtotal marine shells	0	0	—	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	185	121	64	—	—	0	0	—
4630 copper ore	1	1	0	—	—	—	—	—
4650 aluminum ore	117	116	0	—	—	—	—	—
4670 manganese ore	1	—	1	—	—	—	—	—
4680 non-ferrous scrap	62	0	62	—	—	0	0	—
4690 non-ferrous ores nec	4	4	0	—	—	—	—	—
Subtotal sulphur, clay and salt	269	7	262	—	—	—	—	—
4741 sulphur, (dry)	264	3	261	—	—	—	—	—
4782 clay & refrac. mat.	6	4	2	—	—	—	—	—
Subtotal slag	89	89	—	—	—	—	—	—
4860 slag	89	89	—	—	—	—	—	—
Subtotal other non-metal. min.	115	29	84	—	0	1	—	1
4900 non-metal. min. nec	115	29	84	—	0	1	—	1
Total primary manufactured goods	3,159	2,317	818	3	2	19	5	15
Subtotal paper products	283	184	92	2	—	4	1	3
5110 newsprint	6	0	4	2	—	—	—	—
5120 paper & paperboard	151	104	46	0	—	—	—	—
5190 paper products nec	126	80	42	0	—	4	1	3
Subtotal lime, cement and glass	876	822	51	1	0	1	1	0
5210 lime	0	0	—	—	—	—	—	—

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
5220 cement & concrete	452	451	0	—	0	—	—	—
5240 glass & glass prod.	241	196	44	—	0	—	—	—
5290 misc. mineral prod.	183	174	7	1	0	1	1	0
Subtotal primary iron and steel products	929	856	70	—	—	3	0	3
5312 pig iron	6	3	3	—	—	—	—	—
5315 ferro alloys	2	0	2	—	—	—	—	—
5320 i&s primary forms	86	52	34	—	—	—	—	—
5330 i&s plates & sheets	652	627	25	—	—	—	—	—
5360 i&s bars & shapes	72	70	2	—	—	—	—	—
5370 i&s pipe & tube	94	89	2	—	—	3	0	3
5390 primary i&s nec	16	14	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	988	380	597	0	1	11	2	9
5421 copper	6	4	3	—	—	—	—	—
5422 aluminum	20	17	3	0	—	—	—	—
5429 smelted prod. nec	543	4	539	—	—	—	—	—
5480 fab. metal products	419	355	53	0	1	11	2	9
Subtotal primary wood products	83	75	8	—	0	0	—	0
5540 primary wood prod.	83	75	8	—	0	0	—	0
Total food and farm products	7,623	2,862	4,285	4	13	459	30	429
Subtotal fish	70	33	37	0	—	—	—	—
6134 fish (not shellfish)	43	14	29	—	—	—	—	—
6136 shellfish	26	19	8	0	—	—	—	—
Subtotal grain	1,064	109	915	—	0	40	—	40
6241 wheat	12	1	11	—	—	—	—	—
6344 corn	200	0	199	—	—	—	—	—
6442 rice	851	106	704	—	0	40	—	40
6443 barley & rye	0	0	0	—	—	—	—	—
6445 oats	1	1	0	—	—	—	—	—
6447 sorghum grains	1	0	1	—	—	—	—	—
Subtotal oilseeds	177	55	121	—	—	0	—	0
6521 peanuts	1	0	1	—	—	—	—	—
6522 soybeans	150	49	101	—	—	0	—	0
6534 flaxseed	0	0	0	—	—	—	—	—
6590 oilseeds nec	25	6	19	—	—	—	—	—
Subtotal vegetable products	991	576	382	2	0	31	0	31
6653 vegetable oils	417	377	40	0	—	—	—	—
6654 vegetables & prod.	574	199	342	2	0	31	0	31
Subtotal processed grain and animal feed	450	46	397	—	0	7	0	7
6746 wheat flour	4	2	2	—	—	—	—	—
6747 grain mill products	195	30	165	—	0	0	—	0
6781 hay & fodder	150	0	149	—	—	0	—	0
6782 animal feed, prep.	101	13	81	—	—	6	0	6
Subtotal other agricultural products	4,872	2,043	2,433	2	13	380	29	351
6811 meat, fresh, frozen	643	62	538	—	1	42	0	42
6817 meat, prepared	43	1	42	—	—	—	—	—
6822 dairy products	83	12	71	0	0	—	—	—
6835 fish, prepared	22	15	7	—	0	—	—	—
6838 tallow, animal oils	31	0	31	—	—	—	—	—
6839 animals & prod. nec	162	3	154	—	—	4	2	2
6856 bananas & plantains	3	3	—	—	—	—	—	—
6857 fruit & nuts nec	665	65	591	1	0	8	7	0
6858 fruit juices	181	135	46	0	0	—	—	—
6861 sugar	642	642	0	—	—	0	0	0
6865 molasses	217	205	—	—	—	12	12	—
6871 coffee	152	135	14	0	—	2	1	1
6872 cocoa beans	20	19	0	—	—	—	—	—
6885 alcoholic beverages	950	508	397	1	11	34	0	34
6887 groceries	1	—	—	—	—	1	—	1
6888 water & ice	197	54	143	—	—	—	—	—
6889 food products nec	697	167	270	0	0	259	5	254
6891 tobacco & products	1	0	0	—	—	1	—	1
6893 cotton	112	0	112	—	—	—	—	—
6894 natural fibers nec	3	3	0	—	—	—	—	—
6899 farm products nec	46	13	14	—	—	18	1	18
Total all manufactured equipment, machinery and products	3,826	2,771	397	2	1	654	106	548
7110 machinery (not elec)	290	209	61	0	0	20	6	14
7120 electrical machinery	393	343	46	0	0	4	2	2
7210 vehicles & parts	780	600	94	—	0	86	34	52
7220 aircraft & parts	4	4	0	—	0	—	—	—
7230 ships & boats	2	1	1	—	0	0	0	0
7300 ordnance & access.	2	1	1	—	—	0	—	0

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
7400 manufac. wood prod.	136	59	24	1	---	52	22	30
7500 textile products	335	304	31	0	0	0	---	0
7600 rubber & plastic pr.	283	232	49	0	0	1	0	1
7900 manufac. prod. nec	1,602	1,018	91	1	0	492	43	449
Total unknown or not elsewhere classified	269	150	105	0	0	14	3	10
9900 unknown or nec	269	150	105	0	0	14	3	10
Ton-miles (x1000)	403,854	187,370	90,200	17,723	5,990	102,571	59,429	43,142

Tons All Traffic (x1000) **67,309**
Ton-miles All Traffic (x1000) **403,854**

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
1999	1,933	2002	2,006	2005	2,303	2008	1,386
2000	3,588	2003	2,241	2006	2,133		
2001	2,298	2004	2,655	2007	1,913		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise	Internal		
					Receipts	Receipts	Shipments	Intraport	
Total, all commodities	1,386	122	56	682	526	2	369	139	17
Total petroleum and petroleum products	29	---	---	---	29	---	29	---	---
Subtotal petroleum products	29	---	---	---	29	---	29	---	---
2340 residual fuel oil	29	---	---	---	29	---	29	---	---
Total chemicals and related products	28	22	4	---	2	2	---	---	---
Subtotal other chemicals and related products	28	22	4	---	2	2	---	---	---
3211 acyclic hydrocarbons	4	---	4	---	---	---	---	---	---
3212 benzene & toluene	2	---	---	---	2	2	---	---	---
3220 alcohols	16	16	---	---	---	---	---	---	---
3276 metallic salts	6	6	---	---	---	---	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,175	---	43	682	449	---	334	98	17
Subtotal soil, sand, gravel, rock and stone	1,115	---	---	682	433	---	334	98	---
4322 limestone	12	---	---	---	12	---	---	12	---
4323 gypsum	43	---	---	---	43	---	---	43	---
4331 sand & gravel	1,060	---	---	682	377	---	334	43	---
Subtotal iron ore and scrap	43	---	43	---	---	---	---	---	---
4420 iron & steel scrap	43	---	43	---	---	---	---	---	---
Subtotal sulphur, clay and salt	17	---	---	---	17	---	---	---	17
4782 clay & refrac. mat.	17	---	---	---	17	---	---	---	17
Total primary manufactured goods	77	77	---	---	0	---	---	0	---
Subtotal lime, cement and glass	0	---	---	---	0	---	---	0	---
5220 cement & concrete	0	---	---	---	0	---	---	0	---
Subtotal primary iron and steel products	71	71	---	---	---	---	---	---	---
5320 i&s primary forms	28	28	---	---	---	---	---	---	---
5330 i&s plates & sheets	4	4	---	---	---	---	---	---	---
5360 i&s bars & shapes	12	12	---	---	---	---	---	---	---
5370 i&s pipe & tube	27	27	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	6	6	---	---	---	---	---	---	---
5429 smelted prod. nec	1	1	---	---	---	---	---	---	---
5480 fab. metal products	5	5	---	---	---	---	---	---	---
Total food and farm products	75	21	8	---	46	---	5	41	---

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
Subtotal vegetable products	17	14	3	---	---	---	---	---	---
6653 vegetable oils	17	14	3	---	---	---	---	---	---
Subtotal processed grain and animal feed	0	---	0	---	---	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---	---	---
Subtotal other agricultural products	58	6	6	---	46	---	5	41	---
6838 tallow, animal oils	6	---	6	---	---	---	---	---	---
6865 molasses	52	6	---	---	46	---	5	41	---
Total all manufactured equipment, machinery and products	2	2	---	---	0	---	0	0	0
7110 machinery (not elec)	2	2	---	---	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---	---	---
7400 manufac. wood prod.	0	---	---	---	0	---	0	0	0
7500 textile products	0	0	---	---	---	---	---	---	---
Total unknown or not elsewhere classified	0	---	---	---	0	0	---	---	---
9900 unknown or nec	0	---	---	---	0	0	---	---	---

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
1999	736	2002	818	2005	1,306	2008	1,675
2000	734	2003	1,319	2006	1,523		
2001	835	2004	1,423	2007	1,118		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound	Outbound	Inbound	Outbound	Internal Receipts
Total, all commodities	1,675	305	284	1,005	16	65
Total chemicals and related products	16	---	---	---	16	---
Subtotal other chemicals and related products	16	---	---	---	16	---
3276 metallic salts	16	---	---	---	16	---
Total crude materials, inedible except fuels	1,601	253	284	1,005	---	59
Subtotal soil, sand, gravel, rock and stone	1,252	188	---	1,005	---	59
4322 limestone	69	---	---	57	---	12
4323 gypsum	221	188	---	---	---	33
4331 sand & gravel	962	---	---	948	---	14
Subtotal iron ore and scrap	284	---	284	---	---	---
4420 iron & steel scrap	284	---	284	---	---	---
Subtotal non-ferrous ores and scrap	65	65	---	---	---	---
4650 aluminum ore	65	65	---	---	---	---
Total primary manufactured goods	52	52	---	---	---	---
Subtotal lime, cement and glass	52	52	---	---	---	---
5220 cement & concrete	52	52	---	---	---	---
Total food and farm products	6	---	---	---	---	6
Subtotal other agricultural products	6	---	---	---	---	6
6865 molasses	6	---	---	---	---	6

OAKLAND HARBOR, CA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	11,739	2002	12,455	2005	16,627	2008	17,810
2000	12,161	2003	12,627	2006	16,642		
2001	12,273	2004	15,541	2007	16,912		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	15,128	5,963	8,561	534	70
Total coal	6	6	0	—	0
1100 coal & lignite	6	6	0	—	0
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	707	73	581	—	53
Subtotal petroleum products	707	73	581	—	53
2211 gasoline	303	20	245	—	38
2221 kerosene	45	—	40	—	4
2330 distillate fuel oil	214	47	157	—	11
2340 residual fuel oil	27	0	27	—	—
2350 lube oil & greases	9	0	8	—	—
2410 petro. jelly & waxes	4	4	0	—	—
2429 naphtha & solvents	7	2	5	—	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	98	0	97	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	0	—	—
Total chemicals and related products	690	370	320	0	0
Subtotal fertilizers	71	48	23	—	—
3110 nitrogenous fert.	40	40	0	—	—
3120 phosphatic fert.	0	0	—	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	30	7	23	—	—
Subtotal other chemicals and related products	619	322	296	0	0
3211 acyclic hydrocarbons	5	0	5	—	—
3212 benzene & toluene	5	5	0	—	—
3219 other hydrocarbons	1	1	0	—	—
3220 alcohols	9	4	4	—	—
3230 carboxylic acids	19	18	1	0	—
3240 nitrogen func. comp.	12	4	8	—	—
3250 organo - inorg. comp.	5	4	1	—	—
3260 organic comp. nec	8	2	6	—	0
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	37	36	0	—	—
3274 sodium hydroxide	31	31	0	—	—
3275 inorg. elem., oxides, & halogen salts	46	16	30	—	—
3276 metallic salts	43	36	7	—	0
3279 inorganic chem. nec	4	2	2	—	—
3281 radioactive material	6	2	4	—	—
3282 pigments & paints	12	6	6	—	0
3283 coloring mat. nec	2	1	1	—	—
3284 medicines	11	7	4	—	—
3285 perfumes & cleansers	28	12	16	—	0
3286 plastics	256	93	163	—	—
3291 pesticides	6	4	2	—	—
3292 starches, gluten, glue	33	28	5	—	—
3293 explosives	3	2	0	—	—
3297 chemical additives	3	0	3	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	32	6	26	—	—
Total crude materials, inedible except fuels	3,536	389	2,621	524	1
Subtotal forest products, wood and chips	251	196	54	1	—
4110 rubber & gums	4	1	2	—	—
4150 fuel wood	5	5	0	—	—
4161 wood chips	1	0	0	—	—
4170 wood in the rough	41	19	22	—	—
4189 lumber	183	156	26	1	—
4190 forest products nec	17	14	2	0	—
Subtotal pulp and waste paper	1,729	8	1,720	2	—
4225 pulp & waste paper	1,729	8	1,720	2	—
Subtotal soil, sand, gravel, rock and stone	661	138	2	521	1
4310 building stone	55	53	0	1	1
4322 limestone	4	3	0	0	—
4323 gypsum	77	76	0	—	—
4331 sand & gravel	525	5	1	519	—
Subtotal iron ore and scrap	678	0	677	—	—
4410 iron ore	0	0	0	—	—

OAKLAND HARBOR, CA
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4420 iron & steel scrap	678	0	677	—	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	71	7	64	—	—
4630 copper ore	1	1	0	—	—
4650 aluminum ore	3	3	0	—	—
4670 manganese ore	1	—	1	—	—
4680 non-ferrous scrap	62	0	62	—	—
4690 non-ferrous ores nec	4	4	0	—	—
Subtotal sulphur, clay and salt	28	7	21	—	—
4741 sulphur, (dry)	22	3	19	—	—
4782 clay & refrac. mat.	6	4	2	—	—
Subtotal slag	23	23	—	—	—
4860 slag	23	23	—	—	—
Subtotal other non-metal. min.	95	10	84	—	0
4900 non-metal. min. nec	95	10	84	—	0
Total primary manufactured goods	1,907	1,126	775	3	2
Subtotal paper products	279	184	92	2	—
5110 newsprint	6	0	4	2	—
5120 paper & paperboard	151	104	46	0	—
5190 paper products nec	122	80	42	0	—
Subtotal lime, cement and glass	483	431	51	1	0
5210 lime	0	0	—	—	—
5220 cement & concrete	60	60	0	—	0
5240 glass & glass prod.	241	196	44	—	0
5290 misc. mineral prod.	182	174	7	1	0
Subtotal primary iron and steel products	149	79	70	—	—
5312 pig iron	6	3	3	—	—
5315 ferro alloys	2	0	2	—	—
5320 i&s primary forms	45	10	34	—	—
5330 i&s plates & sheets	34	9	25	—	—
5360 i&s bars & shapes	12	10	2	—	—
5370 i&s pipe & tube	34	33	2	—	—
5390 primary i&s nec	16	14	2	—	—
Subtotal primary non-ferrous metal products	915	360	554	0	1
5421 copper	6	4	3	—	—
5422 aluminum	20	17	3	0	—
5429 smelted prod. nec	500	3	496	—	—
5480 fab. metal products	389	336	53	0	1
Subtotal primary wood products	81	73	8	—	0
5540 primary wood prod.	81	73	8	—	0
Total food and farm products	5,421	1,629	3,775	4	13
Subtotal fish	70	33	37	0	—
6134 fish (not shellfish)	43	14	29	—	—
6136 shellfish	26	19	8	0	—
Subtotal grain	546	76	470	—	0
6241 wheat	12	1	11	—	—
6344 corn	200	0	199	—	—
6442 rice	333	73	260	—	0
6443 barley & rye	0	0	0	—	—
6445 oats	1	1	0	—	—
6447 sorghum grains	1	0	1	—	—
Subtotal oilseeds	176	55	120	—	—
6521 peanuts	1	0	1	—	—
6522 soybeans	150	49	101	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	24	6	18	—	—
Subtotal vegetable products	578	228	347	2	0
6653 vegetable oils	35	30	5	0	—
6654 vegetables & prod.	543	199	342	2	0
Subtotal processed grain and animal feed	443	46	397	—	0
6746 wheat flour	4	2	2	—	—
6747 grain mill products	195	30	165	—	0
6781 hay & fodder	150	0	149	—	—
6782 animal feed, prep.	94	13	81	—	—
Subtotal other agricultural products	3,609	1,191	2,404	2	13
6811 meat, fresh, frozen	601	62	538	—	1
6817 meat, prepared	43	1	42	—	—
6822 dairy products	83	12	71	0	0
6835 fish, prepared	22	15	7	—	0
6838 tallow, animal oils	2	0	2	—	—
6839 animals & prod. nec	158	3	154	—	—
6856 bananas & plantains	3	3	—	—	—
6857 fruit & nuts nec	658	65	591	1	0
6858 fruit juices	181	135	46	0	0
6861 sugar	3	3	0	—	—

OAKLAND HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6865 molasses	11	11	—	—	—
6871 coffee	150	135	14	0	—
6872 cocoa beans	20	19	0	—	—
6885 alcoholic beverages	916	508	397	1	11
6888 water & ice	197	54	143	—	—
6889 food products nec	419	148	270	0	0
6891 tobacco & products	0	0	0	—	—
6893 cotton	112	0	112	—	—
6894 natural fibers nec	3	3	0	—	—
6899 farm products nec	27	13	14	—	—
Total all manufactured equipment, machinery and products	2,616	2,230	383	2	1
7110 machinery (not elec)	207	158	48	0	0
7120 electrical machinery	379	333	46	0	0
7210 vehicles & parts	261	167	94	—	0
7220 aircraft & parts	4	4	0	—	0
7230 ships & boats	2	1	1	—	0
7300 ordnance & access.	2	1	1	—	—
7400 manufac. wood prod.	83	59	24	1	—
7500 textile products	325	294	31	0	0
7600 rubber & plastic pr.	247	199	47	0	0
7900 manufac. prod. nec	1,106	1,014	91	1	0
Total unknown or not elsewhere classified	246	140	105	0	0
9900 unknown or nec	246	140	105	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,682	148	1,042	1,423	32	36
Total petroleum and petroleum products	978	0	18	948	4	8
Subtotal crude petroleum	15	—	15	—	—	—
2100 crude petroleum	15	—	15	—	—	—
Subtotal petroleum products	963	0	3	948	4	8
2340 residual fuel oil	960	—	—	948	4	8
2350 lube oil & greases	2	0	2	—	—	—
2990 petro. products nec	1	—	1	—	—	—
Total chemicals and related products	25	4	21	—	—	—
Subtotal fertilizers	12	3	9	—	—	—
3190 fert. & mixes nec	12	3	9	—	—	—
Subtotal other chemicals and related products	13	1	13	—	—	—
3260 organic comp. nec	0	—	0	—	—	—
3282 pigments & paints	2	—	2	—	—	—
3285 perfumes & cleansers	4	0	4	—	—	—
3286 plastics	0	0	0	—	—	—
3291 pesticides	0	—	0	—	—	—
3299 chem. products nec	7	0	6	—	—	—
Total crude materials, inedible except fuels	528	1	4	475	19	28
Subtotal forest products, wood and chips	4	1	3	—	0	—
4161 wood chips	0	—	0	—	—	—
4189 lumber	4	1	3	—	0	—
4190 forest products nec	0	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	492	—	0	475	0	17
4331 sand & gravel	492	—	0	475	0	17
4338 soil & fill dirt	0	—	0	—	—	—
Subtotal iron ore and scrap	1	1	—	—	—	—
4420 iron & steel scrap	1	1	—	—	—	—
Subtotal non-ferrous ores and scrap	0	0	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—
Subtotal sulphur, clay and salt	30	—	—	—	19	11
4782 clay & refrac. mat.	30	—	—	—	19	11
Subtotal other non-metal. min.	1	—	1	—	—	—
4900 non-metal. min. nec	1	—	1	—	—	—
Total primary manufactured goods	19	5	15	0	0	—
Subtotal paper products	4	1	3	—	—	—
5190 paper products nec	4	1	3	—	—	—
Subtotal lime, cement and glass	1	1	0	—	0	—
5290 misc. mineral prod.	1	1	0	—	0	—
Subtotal primary iron and steel products	3	0	3	—	—	—
5370 i&s pipe & tube	3	0	3	—	—	—
Subtotal primary non-ferrous metal products	11	2	9	0	0	—
5480 fab. metal products	11	2	9	0	0	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	467	30	429	—	9	—
Subtotal grain	40	—	40	—	—	—
6442 rice	40	—	40	—	—	—

OAKLAND HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal oilseeds	0	—	0	—	—	—
6522 soybeans	0	—	0	—	—	—
Subtotal vegetable products	31	0	31	—	—	—
6654 vegetables & prod.	31	0	31	—	—	—
Subtotal processed grain and animal feed	7	0	7	—	—	—
6747 grain mill products	0	—	0	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	6	0	6	—	—	—
Subtotal other agricultural products	389	29	351	—	9	—
6811 meat, fresh, frozen	42	0	42	—	—	—
6839 animals & prod. nec	4	2	2	—	—	—
6857 fruit & nuts nec	8	7	0	—	—	—
6861 sugar	0	0	0	—	—	—
6865 molasses	20	12	—	—	9	—
6871 coffee	2	1	1	—	—	—
6885 alcoholic beverages	34	0	34	—	—	—
6887 groceries	1	—	1	—	—	—
6889 food products nec	259	5	254	—	—	—
6891 tobacco & products	1	—	1	—	—	—
6899 farm products nec	18	1	18	—	—	—
Total all manufactured equipment, machinery and products	651	105	546	0	0	—
7110 machinery (not elec)	19	6	14	0	—	—
7120 electrical machinery	4	2	2	—	—	—
7210 vehicles & parts	82	32	50	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	0	—	0	—	—	—
7400 manufac. wood prod.	52	22	30	—	0	—
7500 textile products	0	—	0	—	—	—
7600 rubber & plastic pr.	1	0	1	—	—	—
7900 manufac. prod. nec	492	43	449	—	—	—
Total unknown or not elsewhere classified	14	3	10	—	—	—
9900 unknown or nec	14	3	10	—	—	—

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
1999	22,356	2002	21,901	2005	24,513	2008	26,357
2000	19,388	2003	23,001	2006	25,629		
2001	21,220	2004	24,744	2007	24,992		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	15,943	12,691	2,235	353	663
Total petroleum and petroleum products	14,163	11,718	1,697	85	662
Subtotal crude petroleum	10,256	10,176	—	80	—
2100 crude petroleum	10,256	10,176	—	80	—
Subtotal petroleum products	3,907	1,543	1,697	5	662
2211 gasoline	1,097	183	442	—	471
2221 kerosene	58	—	23	—	35
2330 distillate fuel oil	1,583	902	531	5	146
2340 residual fuel oil	632	388	244	—	—
2350 lube oil & greases	56	—	56	—	—
2410 petro. jelly & waxes	59	59	—	—	—
2429 naphtha & solvents	52	11	30	—	11
2430 asphalt, tar & pitch	39	—	39	—	—
2540 petroleum coke	332	—	332	—	—
Total chemicals and related products	458	225	132	100	1
Subtotal other chemicals and related products	458	225	132	100	1
3211 acyclic hydrocarbons	151	—	51	100	—
3212 benzene & toluene	1	—	—	—	1

RICHMOND HARBOR, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3220 alcohols	17	7	10	—	—
3230 carboxylic acids	14	9	5	—	—
3260 organic comp. nec	6	3	3	—	—
3274 sodium hydroxide	198	198	—	—	—
3275 inorg. elem., oxides, & halogen salts	51	—	51	—	—
3297 chemical additives	12	—	12	—	—
3299 chem. products nec	8	8	—	—	—
Total crude materials, inedible except fuels	744	256	320	168	—
Subtotal soil, sand, gravel, rock and stone	375	207	—	168	—
4323 gypsum	211	207	—	4	—
4331 sand & gravel	164	—	—	164	—
Subtotal iron ore and scrap	320	—	320	—	—
4420 iron & steel scrap	320	—	320	—	—
Subtotal non-ferrous ores and scrap	49	49	—	—	—
4650 aluminum ore	49	49	—	—	—
Total primary manufactured goods	42	—	42	—	—
Subtotal primary non-ferrous metal products	42	—	42	—	—
5429 smelted prod. nec	42	—	42	—	—
Total food and farm products	409	365	44	—	—
Subtotal oilseeds	1	—	1	—	—
6590 oilseeds nec	1	—	1	—	—
Subtotal vegetable products	339	307	32	—	—
6653 vegetable oils	339	307	32	—	—
Subtotal other agricultural products	69	58	11	—	—
6838 tallow, animal oils	11	—	11	—	—
6865 molasses	38	38	—	—	—
6889 food products nec	20	20	—	—	—
Total all manufactured equipment, machinery and products	126	126	—	—	—
7110 machinery (not elec)	0	0	—	—	—
7120 electrical machinery	0	0	—	—	—
7210 vehicles & parts	116	116	—	—	—
7230 ships & boats	0	0	—	—	—
7500 textile products	10	10	—	—	—
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	10,414	4,407	3,180	314	1,695	819
Total petroleum and petroleum products	10,315	4,396	3,164	257	1,681	816
Subtotal crude petroleum	2,599	2,599	—	—	—	—
2100 crude petroleum	2,599	2,599	—	—	—	—
Subtotal petroleum products	7,716	1,797	3,164	257	1,681	816
2211 gasoline	2,707	346	1,913	41	369	37
2330 distillate fuel oil	910	664	115	40	88	3
2340 residual fuel oil	3,479	767	586	167	1,220	738
2350 lube oil & greases	533	—	487	9	—	38
2429 naphtha & solvents	86	20	63	—	3	—
Total chemicals and related products	17	10	8	—	—	—
Subtotal other chemicals and related products	17	10	8	—	—	—
3211 acyclic hydrocarbons	8	—	8	—	—	—
3212 benzene & toluene	10	10	—	—	—	—
Total crude materials, inedible except fuels	77	—	5	56	14	3
Subtotal forest products, wood and chips	5	—	5	0	—	—
4161 wood chips	5	—	5	—	—	—
4189 lumber	0	—	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	73	—	—	56	14	3
4331 sand & gravel	73	—	—	56	14	3
Total primary manufactured goods	0	—	—	0	—	—
Subtotal lime, cement and glass	0	—	—	0	—	—
5290 misc. mineral prod.	0	—	—	0	—	—
Total all manufactured equipment, machinery and products	4	1	3	0	0	—
7110 machinery (not elec)	0	—	0	—	0	—
7210 vehicles & parts	4	1	3	—	—	—
7400 manufac. wood prod.	0	—	—	0	0	—

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
1999	18,612	2002	24,380	2005	28,358	2008	26,490
2000	19,877	2003	24,601	2006	31,458		
2001	22,396	2004	25,023	2007	28,504		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Outbound	Through	
				Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	16,289	317	53	11,637	3,693	19	340	230
Total coal	43	—	—	—	43	—	—	—
1200 coal coke	43	—	—	—	43	—	—	—
Total petroleum and petroleum products	12,062	317	53	8,255	2,878	19	310	230
Subtotal crude petroleum	8,703	317	—	8,077	—	—	310	—
2100 crude petroleum	8,703	317	—	8,077	—	—	310	—
Subtotal petroleum products	3,358	—	53	178	2,878	19	—	230
2211 gasoline	813	—	12	25	640	19	—	117
2221 kerosene	112	—	—	—	104	—	—	8
2330 distillate fuel oil	950	—	42	135	668	—	—	105
2340 residual fuel oil	159	—	—	—	159	—	—	—
2410 petro. jelly & waxes	6	—	—	6	—	—	—	—
2430 asphalt, tar & pitch	59	—	—	—	59	—	—	—
2540 petroleum coke	1,248	—	—	—	1,248	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	—	—	12	—	—	—	—
Total chemicals and related products	870	—	—	865	5	—	—	—
Subtotal fertilizers	470	—	—	470	—	—	—	—
3110 nitrogenous fert.	429	—	—	429	—	—	—	—
3130 potassic fert.	16	—	—	16	—	—	—	—
3190 fert. & mixes nec	25	—	—	25	—	—	—	—
Subtotal other chemicals and related products	400	—	—	395	5	—	—	—
3211 acyclic hydrocarbons	5	—	—	—	5	—	—	—
3220 alcohols	41	—	—	41	—	—	—	—
3273 ammonia	268	—	—	268	—	—	—	—
3274 sodium hydroxide	18	—	—	18	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	—	—	1	—	—	—	—
3276 metallic salts	67	—	—	67	—	—	—	—
Total crude materials, inedible except fuels	563	—	—	187	346	—	30	—
Subtotal forest products, wood and chips	0	—	—	0	—	—	—	—
4189 lumber	0	—	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	132	—	—	102	—	—	30	—
4323 gypsum	101	—	—	101	—	—	—	—
4331 sand & gravel	31	—	—	1	—	—	30	—
Subtotal iron ore and scrap	104	—	—	—	104	—	—	—
4420 iron & steel scrap	104	—	—	—	104	—	—	—
Subtotal marine shells	0	—	—	0	—	—	—	—
4515 marine shells	0	—	—	0	—	—	—	—
Subtotal sulphur, clay and salt	242	—	—	—	242	—	—	—
4741 sulphur, (dry)	242	—	—	—	242	—	—	—
Subtotal slag	66	—	—	66	—	—	—	—
4860 slag	66	—	—	66	—	—	—	—
Subtotal other non-metal. min.	19	—	—	19	—	—	—	—
4900 non-metal. min. nec	19	—	—	19	—	—	—	—
Total primary manufactured goods	1,062	—	—	1,062	—	—	—	—
Subtotal lime, cement and glass	339	—	—	339	—	—	—	—
5220 cement & concrete	339	—	—	339	—	—	—	—
Subtotal primary iron and steel products	706	—	—	706	—	—	—	—
5320 i&s primary forms	14	—	—	14	—	—	—	—
5330 i&s plates & sheets	615	—	—	615	—	—	—	—
5360 i&s bars & shapes	47	—	—	47	—	—	—	—
5370 i&s pipe & tube	30	—	—	30	—	—	—	—
Subtotal primary non-ferrous metal products	15	—	—	15	—	—	—	—
5429 smelted prod. nec	0	—	—	0	—	—	—	—
5480 fab. metal products	14	—	—	14	—	—	—	—
Subtotal primary wood products	2	—	—	2	—	—	—	—
5540 primary wood prod.	2	—	—	2	—	—	—	—
Total food and farm products	1,254	—	—	848	406	—	—	—
Subtotal grain	426	—	—	33	393	—	—	—
6442 rice	426	—	—	33	393	—	—	—

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Outbound	Through	
				Upbound	Downbnd		Upbound	Downbnd
Subtotal vegetable products	26	---	---	26	---	---	---	---
6653 vegetable oils	26	---	---	26	---	---	---	---
Subtotal other agricultural products	801	---	---	788	13	---	---	---
6838 tallow, animal oils	13	---	---	---	13	---	---	---
6861 sugar	639	---	---	639	---	---	---	---
6865 molasses	149	---	---	149	---	---	---	---
Total all manufactured equipment, machinery and products	427	---	---	412	15	---	---	---
7110 machinery (not elec)	60	---	---	48	12	---	---	---
7120 electrical machinery	10	---	---	10	---	---	---	---
7210 vehicles & parts	317	---	---	317	---	---	---	---
7400 manufac. wood prod.	1	---	---	1	---	---	---	---
7600 rubber & plastic pr.	35	---	---	32	2	---	---	---
7900 manufac. prod. nec	4	---	---	4	---	---	---	---
Total unknown or not elsewhere classified	9	---	---	9	---	---	---	---
9900 unknown or nec	9	---	---	9	---	---	---	---
Ton-miles (x1000)	162,890	3,166	532	116,374	36,926	192	3,398	2,302

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	8,303	898	414	4,437	2,554
Total petroleum and petroleum products	8,255	898	414	4,426	2,517
Subtotal crude petroleum	3,811	633	---	3,153	25
2100 crude petroleum	3,811	633	---	3,153	25
Subtotal petroleum products	4,444	264	414	1,273	2,492
2211 gasoline	2,431	154	74	470	1,733
2330 distillate fuel oil	1,153	79	88	453	532
2340 residual fuel oil	717	31	211	308	166
2350 lube oil & greases	31	---	28	3	---
2429 naphtha & solvents	113	---	13	40	61
Total chemicals and related products	48	---	---	11	37
Subtotal other chemicals and related products	48	---	---	11	37
3220 alcohols	48	---	---	11	37
Total crude materials, inedible except fuels	0	---	0	---	---
Subtotal forest products, wood and chips	0	---	0	---	---
4189 lumber	0	---	0	---	---
Total primary manufactured goods	0	---	0	---	---
Subtotal lime, cement and glass	0	---	0	---	---
5290 misc. mineral prod.	0	---	0	---	---
Total all manufactured equipment, machinery and products	0	---	0	0	---
7110 machinery (not elec)	0	---	---	0	---
7400 manufac. wood prod.	0	---	0	---	---
Ton-miles (x1000)	82,749	8,725	4,118	44,369	25,537

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Total, all commodities	1,899	68	22	52	55	1,324	369	9
Total petroleum and petroleum products	979	68	22	50	55	512	263	9
Subtotal crude petroleum	66	61	---	---	---	4	---	---
2100 crude petroleum	66	61	---	---	---	4	---	---
Subtotal petroleum products	913	6	22	50	55	508	263	9
2211 gasoline	439	6	6	23	6	363	35	---
2330 distillate fuel oil	164	---	2	16	15	99	32	---
2340 residual fuel oil	298	---	14	11	25	43	196	9
2350 lube oil & greases	9	---	---	---	9	---	---	---
2429 naphtha & solvents	3	---	---	---	---	3	---	---
Total crude materials, inedible except fuels	880	---	---	---	---	774	106	---
Subtotal soil, sand, gravel, rock and stone	851	---	---	---	---	745	106	---
4323 gypsum	30	---	---	---	---	30	---	---
4331 sand & gravel	821	---	---	---	---	715	106	---
Subtotal marine shells	29	---	---	---	---	29	---	---
4515 marine shells	29	---	---	---	---	29	---	---
Total primary manufactured goods	0	0	---	---	0	0	---	---
Subtotal lime, cement and glass	0	---	---	---	---	0	---	---
5220 cement & concrete	0	---	---	---	---	0	---	---

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd
Subtotal primary non-ferrous metal products	0	0	---	---	0	---	---	---
5480 fab. metal products	0	0	---	---	0	---	---	---
Total food and farm products	40	---	---	2	---	38	0	---
Subtotal other agricultural products	40	---	---	2	---	38	0	---
6865 molasses	40	---	---	2	---	38	---	---
6888 water & ice	0	---	---	---	---	---	0	---
Total all manufactured equipment, machinery and products	0	0	0	0	0	---	0	0
7400 manufac. wood prod.	0	0	0	0	0	---	0	0
Ton-miles (x1000)	15,452	676	60	313	551	10,806	2,965	81
Internal								
Tons All Traffic (x1000)	26,490							
Ton-miles All Traffic (x1000)	261,091							
Total Trip-ton-miles Internal and Intraport (x1000)	78,782							

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
1999	17,388	2002	21,948	2005	26,011	2008	24,397
2000	18,435	2003	22,458	2006	28,512		
2001	20,203	2004	22,912	2007	25,962		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through
				Upbound	Downbnd				Downbnd
Total, all commodities	15,900	9,231	1,535	2,406	2,157	340	211	19
Total coal	43	---	---	---	43	---	---	---
1200 coal coke	43	---	---	---	43	---	---	---
Total petroleum and petroleum products	11,673	8,232	1,518	22	1,360	310	211	19
Subtotal crude petroleum	8,387	8,077	---	---	---	310	---	---
2100 crude petroleum	8,387	8,077	---	---	---	310	---	---
Subtotal petroleum products	3,286	156	1,518	22	1,360	---	211	19
2211 gasoline	782	20	587	4	53	---	98	19
2221 kerosene	112	---	104	---	---	---	8	---
2330 distillate fuel oil	908	135	570	---	98	---	105	---
2340 residual fuel oil	159	---	119	---	40	---	---	---
2410 petro. jelly & waxes	6	---	---	6	---	---	---	---
2430 asphalt, tar & pitch	59	---	59	---	---	---	---	---
2540 petroleum coke	1,248	---	79	---	1,169	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	---	---	12	---	---	---	---
Total chemicals and related products	870	37	5	828	---	---	---	---
Subtotal fertilizers	470	---	---	470	---	---	---	---
3110 nitrogenous fert.	429	---	---	429	---	---	---	---
3130 potassic fert.	16	---	---	16	---	---	---	---
3190 fert. & mixes nec	25	---	---	25	---	---	---	---
Subtotal other chemicals and related products	400	37	5	357	---	---	---	---
3211 acyclic hydrocarbons	5	---	5	---	---	---	---	---
3220 alcohols	41	37	---	3	---	---	---	---
3273 ammonia	268	---	---	268	---	---	---	---
3274 sodium hydroxide	18	---	---	18	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	1	---	---	1	---	---	---	---
3276 metallic salts	67	---	---	67	---	---	---	---
Total crude materials, inedible except fuels	563	---	---	187	346	30	---	---
Subtotal forest products, wood and chips	0	---	---	0	---	---	---	---
4189 lumber	0	---	---	0	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	132	---	---	102	---	30	---	---
4323 gypsum	101	---	---	101	---	---	---	---
4331 sand & gravel	31	---	---	1	---	30	---	---
Subtotal iron ore and scrap	104	---	---	---	104	---	---	---
4420 iron & steel scrap	104	---	---	---	104	---	---	---
Subtotal marine shells	0	---	---	0	---	---	---	---
4515 marine shells	0	---	---	0	---	---	---	---
Subtotal sulphur, clay and salt	242	---	---	---	242	---	---	---
4741 sulphur, (dry)	242	---	---	---	242	---	---	---

CARQUINEZ STRAIT, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Downbnd
				Upbound	Downbnd			
Subtotal slag	66	---	---	66	---	---	---	---
4860 slag	66	---	---	66	---	---	---	---
Subtotal other non-metal. min.	19	---	---	19	---	---	---	---
4900 non-metal. min. nec	19	---	---	19	---	---	---	---
Total primary manufactured goods	1,062	---	---	1,062	---	---	---	---
Subtotal lime, cement and glass	339	---	---	339	---	---	---	---
5220 cement & concrete	339	---	---	339	---	---	---	---
Subtotal primary iron and steel products	706	---	---	706	---	---	---	---
5320 i&s primary forms	14	---	---	14	---	---	---	---
5330 i&s plates & sheets	615	---	---	615	---	---	---	---
5360 i&s bars & shapes	47	---	---	47	---	---	---	---
5370 i&s pipe & tube	30	---	---	30	---	---	---	---
Subtotal primary non-ferrous metal products	15	---	---	15	---	---	---	---
5429 smelted prod. nec	0	---	---	0	---	---	---	---
5480 fab. metal products	14	---	---	14	---	---	---	---
Subtotal primary wood products	2	---	---	2	---	---	---	---
5540 primary wood prod.	2	---	---	2	---	---	---	---
Total food and farm products	1,254	648	---	200	406	---	---	---
Subtotal grain	426	---	---	33	393	---	---	---
6442 rice	426	---	---	33	393	---	---	---
Subtotal vegetable products	26	---	---	26	---	---	---	---
6653 vegetable oils	26	---	---	26	---	---	---	---
Subtotal other agricultural products	801	648	---	140	13	---	---	---
6838 tallow, animal oils	13	---	---	---	13	---	---	---
6861 sugar	639	639	---	---	---	---	---	---
6865 molasses	149	9	---	140	---	---	---	---
Total all manufactured equipment, machinery and products	427	312	12	99	2	---	---	---
7110 machinery (not elec)	60	---	12	48	---	---	---	---
7120 electrical machinery	10	---	---	10	---	---	---	---
7210 vehicles & parts	317	312	---	4	---	---	---	---
7400 manufac. wood prod.	1	---	---	1	---	---	---	---
7600 rubber & plastic pr.	35	---	---	32	2	---	---	---
7900 manufac. prod. nec	4	---	---	4	---	---	---	---
Total unknown or not elsewhere classified	9	1	---	8	---	---	---	---
9900 unknown or nec	9	1	---	8	---	---	---	---
Ton-miles (x1000)	100,012	58,108	6,740	16,843	15,100	2,199	888	134
Foreign & Canadian								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	6,991	3,984	2,008	453	546
Total petroleum and petroleum products	6,943	3,973	1,971	453	546
Subtotal crude petroleum	3,177	3,050	25	103	---
2100 crude petroleum	3,177	3,050	25	103	---
Subtotal petroleum products	3,765	923	1,946	350	546
2211 gasoline	2,203	348	1,549	122	185
2330 distillate fuel oil	985	251	268	201	264
2340 residual fuel oil	474	295	84	13	82
2350 lube oil & greases	3	3	---	---	---
2429 naphtha & solvents	101	26	46	14	15
Total chemicals and related products	48	11	37	---	---
Subtotal other chemicals and related products	48	11	37	---	---
3220 alcohols	48	11	37	---	---
Total all manufactured equipment, machinery and products	0	---	---	0	---
7110 machinery (not elec)	0	---	---	0	---
Ton-miles (x1000)	47,413	27,494	12,924	3,173	3,822
Coastwise					

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	1,506	210	13	63	128	557	340	196
Total petroleum and petroleum products	1,118	210	13	63	128	352	157	196
Subtotal crude petroleum	4	2	---	---	---	2	---	---
2100 crude petroleum	4	2	---	---	---	2	---	---
Subtotal petroleum products	1,114	208	13	63	128	350	157	196
2211 gasoline	559	131	2	49	7	255	33	81

CARQUINEZ STRAIT, CA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd	Downbnd
2330 distillate fuel oil	288	34	10	14	26	82	7	115	115
2340 residual fuel oil	264	40	—	—	94	13	116	—	—
2429 naphtha & solvents	3	3	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	348	—	—	—	—	165	183	—	—
Subtotal soil, sand, gravel, rock and stone	329	—	—	—	—	146	183	—	—
4323 gypsum	30	—	—	—	—	30	—	—	—
4331 sand & gravel	299	—	—	—	—	116	183	—	—
Subtotal marine shells	19	—	—	—	—	19	—	—	—
4515 marine shells	19	—	—	—	—	19	—	—	—
Total primary manufactured goods	0	0	—	—	—	—	—	—	—
Subtotal lime, cement and glass	0	0	—	—	—	—	—	—	—
5220 cement & concrete	0	0	—	—	—	—	—	—	—
Total food and farm products	40	—	—	—	0	40	—	—	—
Subtotal other agricultural products	40	—	—	—	0	40	—	—	—
6865 molasses	40	—	—	—	—	40	—	—	—
6888 water & ice	0	—	—	—	0	—	—	—	—
Total all manufactured equipment, machinery and products	0	0	—	—	0	0	0	0	0
7400 manufac. wood prod.	0	0	—	—	0	0	0	0	0
Ton-miles (x1000)	9,508	947	55	167	886	3,899	2,379	1,175	1,175
Internal									
Tons All Traffic (x1000)	24,397								
Ton-miles All Traffic (x1000)	156,933								
Total Trip-ton-miles Internal and Intraport (x1000)	47,176								

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
1999	5,728	2002	8,469	2005	9,498	2008	6,626
2000	6,515	2003	8,155	2006	10,563		
2001	6,419	2004	8,169	2007	8,585		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign			Canadian
		Outbound	Through		Through
			Upbound	Downbnd	Downbnd
Total, all commodities	4,582	59	2,406	2,098	19
Total coal	43	—	—	43	—
1200 coal coke	43	—	—	43	—
Total petroleum and petroleum products	1,402	59	22	1,301	19
Subtotal petroleum products	1,402	59	22	1,301	19
2211 gasoline	76	—	4	53	19
2330 distillate fuel oil	98	59	—	40	—
2340 residual fuel oil	40	—	—	40	—
2410 petro. jelly & waxes	6	—	6	—	—
2540 petroleum coke	1,169	—	—	1,169	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	—	12	—	—
Total chemicals and related products	828	—	828	—	—
Subtotal fertilizers	470	—	470	—	—
3110 nitrogenous fert.	429	—	429	—	—
3130 potassic fert.	16	—	16	—	—
3190 fert. & mixes nec	25	—	25	—	—
Subtotal other chemicals and related products	357	—	357	—	—
3220 alcohols	3	—	3	—	—
3273 ammonia	268	—	268	—	—
3274 sodium hydroxide	18	—	18	—	—
3275 inorg. elem., oxides, & halogen salts	1	—	1	—	—
3276 metallic salts	67	—	67	—	—
Total crude materials, inedible except fuels	533	—	187	346	—
Subtotal forest products, wood and chips	0	—	0	—	—
4189 lumber	0	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	102	—	102	—	—
4323 gypsum	101	—	101	—	—
4331 sand & gravel	1	—	1	—	—
Subtotal iron ore and scrap	104	—	—	104	—
4420 iron & steel scrap	104	—	—	104	—
Subtotal marine shells	0	—	0	—	—
4515 marine shells	0	—	0	—	—

SUISUN BAY CHANNEL, CA
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Foreign			Canadian
		Outbound	Through		Through
			Upbound	Downbnd	Downbnd
Subtotal sulphur, clay and salt	242	---	---	242	---
4741 sulphur, (dry)	242	---	---	242	---
Subtotal slag	66	---	66	---	---
4860 slag	66	---	66	---	---
Subtotal other non-metal. min.	19	---	19	---	---
4900 non-metal. min. nec	19	---	19	---	---
Total primary manufactured goods	1,062	---	1,062	---	---
Subtotal lime, cement and glass	339	---	339	---	---
5220 cement & concrete	339	---	339	---	---
Subtotal primary iron and steel products	706	---	706	---	---
5320 i&s primary forms	14	---	14	---	---
5330 i&s plates & sheets	615	---	615	---	---
5360 i&s bars & shapes	47	---	47	---	---
5370 i&s pipe & tube	30	---	30	---	---
Subtotal primary non-ferrous metal products	15	---	15	---	---
5429 smelted prod. nec	0	---	0	---	---
5480 fab. metal products	14	---	14	---	---
Subtotal primary wood products	2	---	2	---	---
5540 primary wood prod.	2	---	2	---	---
Total food and farm products	606	---	200	406	---
Subtotal grain	426	---	33	393	---
6442 rice	426	---	33	393	---
Subtotal vegetable products	26	---	26	---	---
6653 vegetable oils	26	---	26	---	---
Subtotal other agricultural products	153	---	140	13	---
6838 tallow, animal oils	13	---	---	13	---
6865 molasses	140	---	140	---	---
Total all manufactured equipment, machinery and products	102	---	99	2	---
7110 machinery (not elec)	48	---	48	---	---
7120 electrical machinery	10	---	10	---	---
7210 vehicles & parts	4	---	4	---	---
7400 manufac. wood prod.	1	---	1	---	---
7600 rubber & plastic pr.	35	---	32	2	---
7900 manufac. prod. nec	4	---	4	---	---
Total unknown or not elsewhere classified	8	---	8	---	---
9900 unknown or nec	8	---	8	---	---
Ton-miles (x1000)	67,973	117	36,092	31,477	287
Foreign & Canadian					

Commodity	Total	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound Upbound	Outbound Upbound	Through Downbnd	Through Upbound	Intra Downbnd
Total, all commodities	2,043	453	546	518	45	352	102	26
Total petroleum and petroleum products	1,584	453	546	415	---	169	---	---
Subtotal crude petroleum	105	103	---	2	---	---	---	---
2100 crude petroleum	105	103	---	2	---	---	---	---
Subtotal petroleum products	1,478	350	546	413	---	169	---	---
2211 gasoline	646	122	185	304	---	36	---	---
2330 distillate fuel oil	579	201	264	96	---	17	---	---
2340 residual fuel oil	225	13	82	13	---	116	---	---
2429 naphtha & solvents	29	14	15	---	---	---	---	---
Total crude materials, inedible except fuels	420	---	---	102	45	183	63	26
Subtotal soil, sand, gravel, rock and stone	401	---	---	102	45	183	44	26
4323 gypsum	30	---	---	---	---	---	30	---
4331 sand & gravel	371	---	---	102	45	183	14	26
Subtotal marine shells	19	---	---	---	---	---	19	---
4515 marine shells	19	---	---	---	---	---	19	---
Total food and farm products	40	---	---	---	---	---	40	---
Subtotal other agricultural products	40	---	---	---	---	---	40	---
6865 molasses	40	---	---	---	---	---	40	---
Total all manufactured equipment, machinery and products	0	---	---	---	---	---	0	---
7400 manufac. wood prod.	0	---	---	---	---	---	0	---
Ton-miles (x1000)	5,917	606	981	420	251	1,861	1,534	263
Domestic								

Tons All Traffic (x1000) 6,626
 Ton-miles All Traffic (x1000) 73,896
 Total Trip-ton-miles Internal and Intraport (x1000) 36,831

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
1999	326	2002	323	2005	332	2008	712
2000	325	2003	292	2006	546		
2001	322	2004	292	2007	638		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal
		Inbound
		Upbound
Total, all commodities	712	712
Total crude materials, inedible except fuels	712	712
Subtotal soil, sand, gravel, rock and stone	702	702
4331 sand & gravel	702	702
Subtotal marine shells	10	10
4515 marine shells	10	10
Ton-miles (x1000)	7,834	7,834

Tons All Traffic (x1000) 712
 Ton-miles All Traffic (x1000) 7,834
 Total Trip-ton-miles Internal and Intraport (x1000) 35,047

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
1999	1,302	2002	920	2005	1,063	2008	507
2000	1,063	2003	1,042	2006	956		
2001	950	2004	1,010	2007	722		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Outbound	Inbound	Outbound	Inbound	Total	Coastwise	
							Receipts	Shipments
Total, all commodities	507	115	46	7	339	313	26	
Total petroleum and petroleum products	230	---	---	---	230	230	---	
Subtotal petroleum products	230	---	---	---	230	230	---	
2211 gasoline	230	---	---	---	230	230	---	
Total crude materials, inedible except fuels	278	115	46	7	110	84	26	
Subtotal forest products, wood and chips	162	---	46	7	110	84	26	
4150 fuel wood	10	---	10	---	---	---	---	
4161 wood chips	24	---	---	7	17	---	17	
4170 wood in the rough	128	---	35	---	92	84	9	
Subtotal pulp and waste paper	115	115	---	---	---	---	---	
4225 pulp & waste paper	115	115	---	---	---	---	---	

Other Harbors and Waterways 2008

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
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	77
	Total Tons(x1000)	77
	Total Ton-miles(x1000)	772
	Total Trip-ton-miles Internal and Intraport (x1000)	2,629
NOYO RIVER, CA	No Commerce Reported	
PILLAR POINT HARBOR, CA	No Commerce Reported	
SAN LEANDRO MARINA, CA	4515 marine shells	29
	Total Tons(x1000)	29
SAN RAFAEL CREEK, CA	No Commerce Reported	
SANTA CRUZ HARBOR, CA	No Commerce Reported	
SUISUN CHANNEL, CA	No Commerce Reported	
Non-project		
OTHER SAN FRANCISCO BAY AREA PORTS, CA (NET)	2100 crude petroleum	121
	2211 gasoline	42
	2330 distillate fuel oil	59
	2340 residual fuel oil	275
	2410 petro. jelly & waxes	4
	4323 gypsum	162
	4331 sand & gravel	1,697
	4515 marine shells	29
	4782 clay & refrac. mat.	19
	6442 rice	51
	6888 water & ice	0
	7110 machinery (not elec)	0
	Total Tons(x1000)	2,459
	Total Ton-miles(x1000)	2,459
	Total Trip-ton-miles Internal and Intraport (x1000)	71,851

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
1999	1,701	2002	1,765	2005	1,996	2008	2,068
2000	1,651	2003	1,850	2006	2,408		
2001	1,680	2004	1,850	2007	2,782		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Total	Coastwise		
				Receipts	Shipments	
Total, all commodities	2,068	43	2,025	1,362	663	
Total petroleum and petroleum products	448	9	439	438	1	
Subtotal petroleum products	448	9	439	438	1	
2211 gasoline	171	—	171	171	—	
2330 distillate fuel oil	89	—	89	89	1	
2340 residual fuel oil	91	—	91	91	—	
2350 lube oil & greases	0	—	0	0	—	
2429 naphtha & solvents	75	—	75	75	—	
2640 hydrocarbon & petrol gases, liquefied and gaseous	21	9	12	12	—	
2990 petro. products nec	0	—	0	0	—	
Total chemicals and related products	24	—	24	16	8	
Subtotal fertilizers	13	—	13	5	8	
3190 fert. & mixes nec	13	—	13	5	8	
Subtotal other chemicals and related products	11	—	11	11	—	
3220 alcohols	10	—	10	10	—	
3282 pigments & paints	0	—	0	0	—	
3285 perfumes & cleansers	0	—	0	0	—	
3299 chem. products nec	0	—	0	0	—	
Total crude materials, inedible except fuels	71	23	49	24	25	
Subtotal forest products, wood and chips	40	—	40	24	16	
4189 lumber	40	—	40	23	16	
4190 forest products nec	0	—	0	0	—	
Subtotal pulp and waste paper	0	—	0	—	0	
4225 pulp & waste paper	0	—	0	—	0	
Subtotal soil, sand, gravel, rock and stone	23	23	0	0	—	
4331 sand & gravel	23	23	—	—	—	
4338 soil & fill dirt	0	—	0	0	—	
Subtotal iron ore and scrap	8	—	8	—	8	
4420 iron & steel scrap	8	—	8	—	8	
Total primary manufactured goods	1,146	11	1,135	615	520	
Subtotal paper products	9	—	9	8	1	
5190 paper products nec	9	—	9	8	1	
Subtotal lime, cement and glass	28	11	17	17	0	
5220 cement & concrete	24	11	13	13	—	
5240 glass & glass prod.	0	—	0	0	—	
5290 misc. mineral prod.	4	—	4	4	0	
Subtotal primary iron and steel products	1	—	1	1	0	
5360 i&s bars & shapes	1	—	1	1	0	
5370 i&s pipe & tube	1	—	1	1	0	
Subtotal primary non-ferrous metal products	1,108	—	1,108	589	519	
5480 fab. metal products	1,108	—	1,108	589	519	
Total food and farm products	134	—	134	99	35	
Subtotal fish	0	—	0	0	—	
6134 fish (not shellfish)	0	—	0	0	—	
Subtotal grain	1	—	1	1	—	
6442 rice	1	—	1	1	—	
Subtotal vegetable products	7	—	7	3	3	
6654 vegetables & prod.	7	—	7	3	3	
Subtotal processed grain and animal feed	4	—	4	4	—	
6782 animal feed, prep.	4	—	4	4	—	
Subtotal other agricultural products	122	—	122	91	31	
6811 meat, fresh, frozen	1	—	1	1	—	
6822 dairy products	0	—	0	0	—	
6839 animals & prod. nec	0	—	0	0	0	
6871 coffee	0	—	0	—	0	
6885 alcoholic beverages	5	—	5	5	0	
6889 food products nec	113	—	113	83	30	
6891 tobacco & products	0	—	0	0	—	
6899 farm products nec	2	—	2	0	1	
Total all manufactured equipment, machinery and products	241	—	241	170	71	
7110 machinery (not elec)	4	—	4	2	2	
7120 electrical machinery	0	—	0	0	0	
7210 vehicles & parts	106	—	106	75	32	
7230 ships & boats	0	—	0	0	0	
7300 ordnance & access.	0	—	0	0	—	
7400 manufac. wood prod.	12	—	12	10	1	
7600 rubber & plastic pr.	0	—	0	0	0	

HILO HARBOR, HAWAII IS., HI
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
7900 manufac. prod. nec	119	---	119	82	36
Total waste and scrap nec	3	---	3	---	3
8900 waste and scrap nec	3	---	3	---	3
Total unknown or not elsewhere classified	0	---	0	0	0
9900 unknown or nec	0	---	0	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
1999	1,090	2002	1,645	2005	2,217	2008	2,063
2000	1,310	2003	1,801	2006	2,728		
2001	1,378	2004	2,277	2007	2,558		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
Total, all commodities	2,062	1	2,061	1,164	897
Total petroleum and petroleum products	1	---	1	1	---
Subtotal petroleum products	1	---	1	1	---
2350 lube oil & greases	1	---	1	1	---
2990 petro. products nec	0	---	0	0	---
Total chemicals and related products	9	---	9	8	0
Subtotal fertilizers	8	---	8	8	0
3190 fert. & mixes nec	8	---	8	8	0
Subtotal other chemicals and related products	1	---	1	1	0
3282 pigments & paints	0	---	0	0	---
3285 perfumes & cleansers	0	---	0	0	---
3299 chem. products nec	0	---	0	0	0
Total crude materials, inedible except fuels	30	---	30	25	5
Subtotal forest products, wood and chips	26	---	26	25	1
4189 lumber	25	---	25	25	1
4190 forest products nec	0	---	0	0	---
Subtotal soil, sand, gravel, rock and stone	0	---	0	0	---
4338 soil & fill dirt	0	---	0	0	---
Subtotal iron ore and scrap	5	---	5	---	5
4420 iron & steel scrap	5	---	5	---	5
Total primary manufactured goods	1,499	0	1,499	806	693
Subtotal paper products	6	---	6	4	2
5190 paper products nec	6	---	6	4	2
Subtotal lime, cement and glass	45	---	45	45	0
5220 cement & concrete	42	---	42	42	---
5240 glass & glass prod.	0	---	0	0	0
5290 misc. mineral prod.	3	---	3	3	---
Subtotal primary iron and steel products	2	---	2	2	0
5360 i&s bars & shapes	1	---	1	1	0
5370 i&s pipe & tube	1	---	1	1	0
Subtotal primary non-ferrous metal products	1,446	0	1,446	756	690
5480 fab. metal products	1,446	0	1,446	756	690
Total food and farm products	238	---	238	119	119
Subtotal grain	2	---	2	2	---
6442 rice	2	---	2	2	---
Subtotal vegetable products	7	---	7	6	1
6654 vegetables & prod.	7	---	7	6	1
Subtotal processed grain and animal feed	3	---	3	3	0
6747 grain mill products	0	---	0	0	---
6782 animal feed, prep.	3	---	3	3	0
Subtotal other agricultural products	227	---	227	109	118
6811 meat, fresh, frozen	5	---	5	5	---
6822 dairy products	0	---	0	0	0
6839 animals & prod. nec	8	---	8	3	5
6871 coffee	1	---	1	0	1
6885 alcoholic beverages	17	---	17	16	0
6889 food products nec	194	---	194	82	111
6899 farm products nec	3	---	3	3	1
Total all manufactured equipment, machinery and products	283	0	283	204	78
7110 machinery (not elec)	7	0	6	3	3
7120 electrical machinery	2	---	2	1	1
7210 vehicles & parts	101	---	101	65	36
7230 ships & boats	1	---	1	0	0

KAWAIHAE HARBOR, HAWAII IS., HI
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	—	Total	Coastwise	
				Receipts	Shipments	—
7400 manufac. wood prod.	25	—	25	21	5	—
7500 textile products	0	—	0	0	—	—
7600 rubber & plastic pr.	1	—	1	0	0	—
7900 manufac. prod. nec	147	—	147	114	33	—
Total waste and scrap nec	2	—	2	—	2	—
8900 waste and scrap nec	2	—	2	—	—	2
Total unknown or not elsewhere classified	0	—	0	0	—	—
9900 unknown or nec	0	—	0	0	—	—

KAHULUI HARBOR, MAUI, HI

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	3,513	2002	3,458	2005	4,132	2008	3,958
2000	3,477	2003	3,778	2006	4,794		
2001	3,695	2004	3,901	2007	5,630		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	—	Total	Coastwise	
				Receipts	Shipments	—
Total, all commodities	3,958	106	3,852	2,304	1,549	—
Total coal	94	94	—	—	—	—
1100 coal & lignite	94	94	—	—	—	—
Total petroleum and petroleum products	448	8	440	440	0	—
Subtotal petroleum products	448	8	440	440	0	—
2211 gasoline	213	—	213	213	—	—
2330 distillate fuel oil	160	—	160	160	—	—
2340 residual fuel oil	58	—	58	58	—	—
2350 lube oil & greases	1	—	1	1	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	16	8	8	8	—	—
2990 petro. products nec	0	—	0	0	0	—
Total chemicals and related products	23	—	23	23	0	—
Subtotal fertilizers	18	—	18	18	0	—
3190 fert. & mixes nec	18	—	18	18	0	—
Subtotal other chemicals and related products	5	—	5	5	0	—
3220 alcohols	4	—	4	4	—	—
3282 pigments & paints	0	—	0	0	—	—
3285 perfumes & cleansers	0	—	0	0	0	—
3291 pesticides	0	—	0	0	—	—
3299 chem. products nec	1	—	1	1	0	—
Total crude materials, inedible except fuels	74	—	74	46	28	—
Subtotal forest products, wood and chips	50	—	50	46	4	—
4189 lumber	50	—	50	46	4	—
4190 forest products nec	0	—	0	0	—	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	0	—	—
4338 soil & fill dirt	0	—	0	0	—	—
Subtotal iron ore and scrap	24	—	24	—	24	—
4420 iron & steel scrap	24	—	24	—	24	—
Total primary manufactured goods	2,588	3	2,585	1,311	1,274	—
Subtotal paper products	5	—	5	5	1	—
5190 paper products nec	5	—	5	5	1	—
Subtotal lime, cement and glass	74	—	74	74	0	—
5220 cement & concrete	70	—	70	70	—	—
5240 glass & glass prod.	0	—	0	0	0	—
5290 misc. mineral prod.	4	—	4	4	—	—
Subtotal primary iron and steel products	6	3	3	3	1	—
5315 ferro alloys	3	3	—	—	—	—
5360 i&s bars & shapes	1	—	1	1	0	—
5370 i&s pipe & tube	2	—	2	2	1	—
Subtotal primary non-ferrous metal products	2,502	0	2,502	1,229	1,273	—
5480 fab. metal products	2,502	0	2,502	1,229	1,273	—
Total food and farm products	264	—	264	191	73	—
Subtotal grain	2	—	2	2	0	—
6442 rice	2	—	2	2	0	—
Subtotal vegetable products	31	—	31	10	21	—
6654 vegetables & prod.	31	—	31	10	21	—
Subtotal processed grain and animal feed	5	—	5	5	0	—
6781 hay & fodder	1	—	1	1	—	—
6782 animal feed, prep.	4	—	4	4	0	—
Subtotal other agricultural products	226	—	226	174	53	—
6811 meat, fresh, frozen	5	—	5	5	0	—

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
6839 animals & prod. nec	4	—	4	2	3
6857 fruit & nuts nec	0	—	0	—	0
6861 sugar	9	—	9	—	9
6865 molasses	21	—	21	—	21
6885 alcoholic beverages	24	—	24	24	0
6889 food products nec	159	—	159	139	20
6899 farm products nec	4	—	4	4	—
Total all manufactured equipment, machinery and products	460	0	459	292	167
7110 machinery (not elec)	6	0	5	4	2
7120 electrical machinery	2	—	2	1	1
7210 vehicles & parts	190	—	190	108	82
7220 aircraft & parts	0	—	0	0	0
7230 ships & boats	0	0	0	0	0
7400 manufac. wood prod.	42	—	42	35	7
7600 rubber & plastic pr.	2	—	2	0	1
7900 manufac. prod. nec	218	—	218	144	74
Total waste and scrap nec	6	—	6	—	6
8900 waste and scrap nec	6	—	6	—	6
Total unknown or not elsewhere classified	1	0	1	1	—
9900 unknown or nec	1	0	1	1	—

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
1999	8,707	2002	5,990	2005	6,344	2008	10,137
2000	6,778	2003	5,930	2006	10,724		
2001	6,079	2004	6,086	2007	11,295		

Prior to CY2006, crude oil imports offloading to the pipeline at Barbers Point were incorrectly credited to Honolulu Harbor. All years in the Comparative Statement of Traffic have been updated.

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound	Outbound		Total	Coastwise		Internal Intra Upbound
				Receipts		Shipments		
Total, all commodities	10,137	7,698	232	473	1,734	321	1,409	4
Total coal	699	580	—	119	—	—	—	—
1100 coal & lignite	699	580	—	119	—	—	—	—
Total petroleum and petroleum products	8,071	6,585	93	—	1,393	164	1,226	4
Subtotal crude petroleum	6,494	6,494	—	—	—	—	—	—
2100 crude petroleum	6,494	6,494	—	—	—	—	—	—
Subtotal petroleum products	1,578	91	93	—	1,393	164	1,226	4
2211 gasoline	652	53	49	—	550	49	501	—
2221 kerosene	38	38	—	—	—	—	—	—
2330 distillate fuel oil	520	—	44	—	476	47	426	4
2340 residual fuel oil	223	—	—	—	223	69	154	—
2429 naphtha & solvents	120	—	—	—	120	—	120	—
2540 petroleum coke	1	1	—	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	24	—	—	—	24	—	24	—
Total chemicals and related products	88	45	—	—	43	14	30	—
Subtotal other chemicals and related products	88	45	—	—	43	14	30	—
3220 alcohols	88	45	—	—	43	13	30	—
3286 plastics	1	—	—	—	1	1	—	—
Total crude materials, inedible except fuels	661	66	139	354	103	102	1	—
Subtotal forest products, wood and chips	71	—	—	—	71	71	1	—
4170 wood in the rough	2	—	—	—	2	2	—	—
4189 lumber	69	—	—	—	69	69	1	—
Subtotal soil, sand, gravel, rock and stone	420	66	—	354	—	—	—	—
4310 building stone	37	37	—	—	—	—	—	—
4322 limestone	100	—	—	100	—	—	—	—
4331 sand & gravel	283	28	—	254	—	—	—	—
Subtotal iron ore and scrap	170	—	139	—	32	32	—	—
4420 iron & steel scrap	170	—	139	—	32	32	—	—

BARBERS POINT HARBOR, OAHU, HI
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intra Upbound
		Inbound	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total primary manufactured goods	616	423	0	---	194	41	153	---
Subtotal paper products	14	---	---	---	14	14	---	---
5190 paper products nec	14	---	---	---	14	14	---	---
Subtotal lime, cement and glass	563	411	---	---	152	---	152	---
5220 cement & concrete	563	411	---	---	152	---	152	---
Subtotal primary iron and steel products	21	12	---	---	9	9	---	---
5320 i&s primary forms	6	6	---	---	---	---	---	---
5360 i&s bars & shapes	15	6	---	---	9	9	---	---
Subtotal primary non-ferrous metal products	1	---	0	---	1	1	---	---
5429 smelted prod. nec	0	---	0	---	---	---	---	---
5480 fab. metal products	1	---	---	---	1	1	---	---
Subtotal primary wood products	18	---	---	---	18	18	0	---
5540 primary wood prod.	18	---	---	---	18	18	0	---
Total all manufactured equipment, machinery and products	1	0	---	---	0	0	0	---
7110 machinery (not elec)	1	0	---	---	0	0	0	---
7230 ships & boats	0	---	---	---	0	0	---	---
7400 manufac. wood prod.	0	---	---	---	0	0	---	---
7900 manufac. prod. nec	0	---	---	---	0	0	---	---
Tons All Traffic (x1000)		10,137						
Total Trip-ton-miles Internal and Intraport (x1000)		4						

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
1999	12,259	2002	16,636	2005	20,394	2008	14,006
2000	15,501	2003	17,836	2006	16,224		
2001	16,562	2004	19,085	2007	17,582		

Prior to CY2006, crude oil imports offloading to the pipeline at Barbers Point were incorrectly credited to Honolulu Harbor. All years in the Comparative Statement of Traffic have been updated.

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
Total, all commodities	14,006	702	361	19	12,924	7,410	5,514
Total petroleum and petroleum products	969	424	208	---	337	332	6
Subtotal crude petroleum	262	---	---	---	262	262	---
2100 crude petroleum	262	---	---	---	262	262	---
Subtotal petroleum products	707	424	208	---	75	70	6
2211 gasoline	287	149	103	---	35	35	---
2221 kerosene	263	263	---	---	---	---	---
2330 distillate fuel oil	77	11	45	---	21	21	---
2350 lube oil & greases	9	0	---	---	9	6	3
2429 naphtha & solvents	60	0	60	---	0	0	---
2540 petroleum coke	0	0	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	0	---	---	3	1	2
2990 petro. products nec	7	---	---	---	7	7	0
Total chemicals and related products	288	66	1	---	221	158	62
Subtotal fertilizers	109	1	0	---	108	53	55
3110 nitrogenous fert.	1	1	---	---	---	---	---
3190 fert. & mixes nec	108	0	0	---	108	53	55
Subtotal other chemicals and related products	179	65	1	---	113	105	8
3212 benzene & toluene	0	---	---	---	0	0	---
3220 alcohols	110	56	---	---	55	55	---
3230 carboxylic acids	0	0	---	---	---	---	---
3240 nitrogen func. comp.	0	0	---	---	---	---	---
3250 organo - inorg. comp.	0	0	---	---	---	---	---
3260 organic comp. nec	0	0	---	---	0	0	---
3274 sodium hydroxide	0	0	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---	---
3276 metallic salts	1	1	0	---	---	---	---
3279 inorganic chem. nec	0	0	0	---	---	---	---
3282 pigments & paints	12	0	---	---	12	10	2
3283 coloring mat. nec	0	0	---	---	---	---	---
3284 medicines	0	0	0	---	---	---	---
3285 perfumes & cleansers	20	1	0	---	20	19	1
3286 plastics	14	5	1	---	8	8	---
3291 pesticides	1	0	---	---	1	1	0
3292 starches, gluten, glue	1	1	---	---	---	---	---
3293 explosives	2	2	---	---	---	---	---
3297 chemical additives	0	---	---	---	0	0	---
3299 chem. products nec	18	0	---	---	18	13	5
Total crude materials, inedible except fuels	359	15	62	---	283	143	139
Subtotal forest products, wood and chips	262	4	0	---	257	127	130
4110 rubber & gums	0	0	0	---	---	---	---
4150 fuel wood	0	0	---	---	---	---	---
4161 wood chips	0	---	---	---	0	0	---
4170 wood in the rough	1	0	---	---	0	0	---
4189 lumber	257	3	0	---	253	125	129
4190 forest products nec	4	1	0	---	3	2	1
Subtotal pulp and waste paper	53	0	52	---	1	1	---
4225 pulp & waste paper	53	0	52	---	1	1	---
Subtotal soil, sand, gravel, rock and stone	10	10	0	---	0	0	0
4310 building stone	7	7	0	---	---	---	---
4322 limestone	0	0	---	---	---	---	---
4331 sand & gravel	3	3	---	---	0	0	---
4338 soil & fill dirt	0	---	---	---	0	0	0
Subtotal iron ore and scrap	30	---	7	---	23	14	9
4420 iron & steel scrap	30	---	7	---	23	14	9
Subtotal non-ferrous ores and scrap	1	---	1	---	---	---	---
4680 non-ferrous scrap	1	---	1	---	---	---	---
Subtotal sulphur, clay and salt	0	0	0	---	0	---	0
4741 sulphur, (dry)	0	---	0	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	0	---	0
Subtotal other non-metal. min.	4	0	2	---	2	1	0
4900 non-metal. min. nec	4	0	2	---	2	1	0

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
Total primary manufactured goods	6,691	47	20	0	6,624	3,224	3,400
Subtotal paper products	105	9	2	---	93	68	25
5110 newsprint	1	---	---	---	1	1	0
5120 paper & paperboard	6	6	---	---	0	0	---
5190 paper products nec	97	3	2	---	92	67	25
Subtotal lime, cement and glass	85	15	1	---	69	54	15
5210 lime	11	---	---	---	11	11	0
5220 cement & concrete	2	0	---	---	2	---	2
5240 glass & glass prod.	4	1	0	---	2	1	1
5290 misc. mineral prod.	68	14	0	---	54	41	12
Subtotal primary iron and steel products	45	1	---	0	44	34	10
5312 pig iron	0	0	---	---	---	---	---
5320 i&s primary forms	0	0	---	---	---	---	---
5330 i&s plates & sheets	0	0	---	---	---	---	---
5360 i&s bars & shapes	25	0	---	---	25	22	3
5370 i&s pipe & tube	19	0	---	0	19	12	7
5390 primary i&s nec	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	6,431	19	18	---	6,394	3,045	3,349
5421 copper	0	0	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---
5429 smelted prod. nec	17	0	17	---	---	---	---
5480 fab. metal products	6,414	19	1	---	6,394	3,045	3,349
Subtotal primary wood products	26	2	---	---	23	23	0
5540 primary wood prod.	26	2	---	---	23	23	0
Total food and farm products	1,966	70	54	19	1,823	1,162	661
Subtotal fish	4	4	0	---	0	0	0
6134 fish (not shellfish)	3	2	0	---	0	0	0
6136 shellfish	1	1	---	---	---	---	---
Subtotal grain	81	4	0	19	58	41	16
6241 wheat	19	0	---	19	---	---	---
6344 corn	0	---	---	---	0	0	---
6442 rice	61	4	0	---	58	41	16
Subtotal oilseeds	1	1	0	---	0	0	---
6521 peanuts	0	0	0	---	---	---	---
6522 soybeans	1	1	---	---	0	0	---
6590 oilseeds nec	0	0	---	---	---	---	---
Subtotal vegetable products	146	7	0	---	139	114	24
6653 vegetable oils	0	0	---	---	---	---	---
6654 vegetables & prod.	145	7	0	---	139	114	24
Subtotal processed grain and animal feed	67	4	4	---	60	39	21
6746 wheat flour	0	0	---	---	0	0	---
6747 grain mill products	8	3	4	---	1	1	0
6781 hay & fodder	2	---	---	---	2	1	1
6782 animal feed, prep.	57	0	---	---	56	37	20
Subtotal other agricultural products	1,667	51	50	---	1,566	967	599
6811 meat, fresh, frozen	102	6	1	---	95	77	18
6817 meat, prepared	0	0	---	---	---	---	---
6822 dairy products	0	0	0	---	0	0	0
6835 fish, prepared	10	1	0	---	10	10	---
6839 animals & prod. nec	28	2	---	---	25	11	14
6856 bananas & plantains	0	0	---	---	0	0	0
6857 fruit & nuts nec	31	4	0	---	27	0	27
6858 fruit juices	4	4	1	---	0	0	---
6861 sugar	13	---	0	---	13	9	4
6865 molasses	43	---	---	---	43	27	17
6871 coffee	4	0	0	---	4	2	1
6872 cocoa beans	0	0	---	---	---	---	---
6885 alcoholic beverages	206	18	0	---	188	134	54
6887 groceries	1	---	---	---	1	1	0
6888 water & ice	51	5	46	---	---	---	---
6889 food products nec	1,139	11	1	---	1,127	674	453
6891 tobacco & products	1	0	---	---	1	1	0
6893 cotton	0	0	---	---	---	---	---
6894 natural fibers nec	0	0	---	---	---	---	---
6899 farm products nec	32	0	0	---	32	22	10
Total all manufactured equipment, machinery and products	3,683	70	8	0	3,605	2,366	1,239
7110 machinery (not elec)	96	3	1	---	92	67	25
7120 electrical machinery	34	2	0	0	32	21	11
7210 vehicles & parts	772	18	0	---	753	301	452
7220 aircraft & parts	0	0	0	---	0	0	0
7230 ships & boats	3	0	0	0	3	1	2
7300 ordnance & access.	0	---	---	---	0	0	0
7400 manufac. wood prod.	428	2	0	---	426	304	121
7500 textile products	7	5	1	---	0	0	0
7600 rubber & plastic pr.	28	9	4	---	15	9	6

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
						Receipts	Shipments
7900 manufac. prod. nec	2,315	31	0	—	2,284	1,663	621
Total waste and scrap nec	16	—	—	—	16	14	2
8900 waste and scrap nec	16	—	—	—	16	14	2
Total unknown or not elsewhere classified	33	9	8	—	16	11	5
9900 unknown or nec	33	9	8	—	16	11	5

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
1999	1,348	2002	1,619	2005	1,977	2008	1,680
2000	1,581	2003	1,721	2006	1,864		
2001	1,478	2004	1,757	2007	2,333		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
Total, all commodities	1,680	3	1,677	1,139	538
Total petroleum and petroleum products	99	3	96	96	0
Subtotal petroleum products	99	3	96	96	0
2211 gasoline	89	—	89	89	—
2330 distillate fuel oil	1	—	1	1	—
2350 lube oil & greases	1	—	1	1	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	8	3	5	5	—
Total chemicals and related products	17	—	17	17	0
Subtotal fertilizers	17	—	17	17	0
3190 fert. & mixes nec	17	—	17	17	0
Subtotal other chemicals and related products	0	—	0	0	—
3282 pigments & paints	0	—	0	0	—
3285 perfumes & cleansers	0	—	0	0	—
3299 chem. products nec	0	—	0	0	—
Total crude materials, inedible except fuels	32	—	32	22	9
Subtotal forest products, wood and chips	23	—	23	22	0
4189 lumber	23	—	23	22	0
4190 forest products nec	0	—	0	0	—
Subtotal pulp and waste paper	0	—	0	—	0
4225 pulp & waste paper	0	—	0	—	0
Subtotal iron ore and scrap	9	—	9	—	9
4420 iron & steel scrap	9	—	9	—	9
Subtotal sulphur, clay and salt	0	—	0	0	—
4782 clay & refrac. mat.	0	—	0	0	—
Total primary manufactured goods	1,159	—	1,159	740	419
Subtotal paper products	1	—	1	1	0
5190 paper products nec	1	—	1	1	0
Subtotal lime, cement and glass	31	—	31	31	—
5220 cement & concrete	30	—	30	30	—
5240 glass & glass prod.	0	—	0	0	—
5290 misc. mineral prod.	1	—	1	1	—
Subtotal primary iron and steel products	4	—	4	4	0
5360 i&s bars & shapes	1	—	1	1	0
5370 i&s pipe & tube	3	—	3	3	0
Subtotal primary non-ferrous metal products	1,123	—	1,123	704	419
5480 fab. metal products	1,123	—	1,123	704	419
Total food and farm products	83	—	83	75	8
Subtotal grain	1	—	1	1	—
6442 rice	1	—	1	1	—
Subtotal vegetable products	1	—	1	1	0
6654 vegetables & prod.	1	—	1	1	0
Subtotal processed grain and animal feed	2	—	2	2	0
6781 hay & fodder	0	—	0	0	—
6782 animal feed, prep.	2	—	2	1	0
Subtotal other agricultural products	80	—	80	72	8
6811 meat, fresh, frozen	1	—	1	1	—
6839 animals & prod. nec	2	—	2	2	0
6865 molasses	5	—	5	—	5
6871 coffee	1	—	1	—	1
6885 alcoholic beverages	7	—	7	7	0
6889 food products nec	63	—	63	62	1
6899 farm products nec	0	—	0	0	—
Total all manufactured equipment, machinery and products	287	—	287	189	97
7110 machinery (not elec)	1	—	1	1	0
7120 electrical machinery	1	—	1	1	0
7210 vehicles & parts	149	—	149	97	52
7230 ships & boats	0	—	0	0	0
7300 ordnance & access.	0	—	0	0	—
7400 manufac. wood prod.	12	—	12	9	3
7600 rubber & plastic pr.	1	—	1	0	0
7900 manufac. prod. nec	123	—	123	81	42
Total waste and scrap nec	4	—	4	—	4
8900 waste and scrap nec	4	—	4	—	4
Total unknown or not elsewhere classified	0	—	0	0	—
9900 unknown or nec	0	—	0	0	—

Other Harbors and Waterways 2008

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
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	3
	4189 lumber	6
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	107
	6839 animals & prod. nec	2
	6889 food products nec	8
	7210 vehicles & parts	30
	7230 ships & boats	1
	7900 manufac. prod. nec	25
	Total Tons(x1000)	183
PORT ALLEN HARBOR, KAUAI, HI	No Commerce Reported	
WAKE ISLAND HARBOR, WAKE ISLAND	No Commerce Reported	
WELLS HARBOR, MIDWAY ISLAND	No Commerce Reported	

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

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	6,767	2002	5,080	2005	6,252	2008	4,871
2000	7,887	2003	6,452	2006	6,509		
2001	6,732	2004	6,654	2007	6,889		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal			
		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,871	2	1,172	1,718	1,979
Total petroleum and petroleum products	1,520	—	—	1,518	2
Subtotal petroleum products	1,520	—	—	1,518	2
2211 gasoline	806	—	—	806	—
2330 distillate fuel oil	434	—	—	432	2
2340 residual fuel oil	280	—	—	280	—
Total chemicals and related products	43	—	2	41	—
Subtotal fertilizers	43	—	2	41	—
3110 nitrogenous fert.	43	—	2	41	—
Total crude materials, inedible except fuels	211	2	2	156	51
Subtotal forest products, wood and chips	170	2	—	156	12
4150 fuel wood	40	2	—	38	—
4161 wood chips	121	—	—	110	12
4170 wood in the rough	9	—	—	9	—
Subtotal pulp and waste paper	0	—	—	—	0
4225 pulp & waste paper	0	—	—	—	0
Subtotal iron ore and scrap	38	—	2	—	36
4420 iron & steel scrap	38	—	2	—	36
Subtotal sulphur, clay and salt	3	—	—	—	3
4782 clay & refrac. mat.	3	—	—	—	3
Total primary manufactured goods	42	—	1	—	42
Subtotal paper products	42	—	1	—	42
5190 paper products nec	42	—	1	—	42
Total food and farm products	3,013	—	1,166	—	1,847
Subtotal fish	1	—	—	—	1
6134 fish (not shellfish)	1	—	—	—	1
Subtotal grain	2,937	—	1,145	—	1,792
6241 wheat	2,762	—	1,107	—	1,654
6344 corn	16	—	13	—	3
6443 barley & rye	159	—	26	—	134
Subtotal vegetable products	50	—	—	—	50
6654 vegetables & prod.	50	—	—	—	50
Subtotal processed grain and animal feed	20	—	20	—	—
6781 hay & fodder	20	—	20	—	—
Subtotal other agricultural products	5	—	—	—	5
6887 groceries	5	—	—	—	5
Total all manufactured equipment, machinery and products	42	—	2	2	37
7900 manufac. prod. nec	42	—	2	2	37
Ton-miles (x1000)	162,271	6	32,877	60,130	69,258

Tons All Traffic (x1000) 4,871
 Ton-miles All Traffic (x1000) 162,271
 Total Trip-ton-miles Internal and Intraport (x1000) 1,342,844

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
1999	5,836	2002	4,284	2005	5,286	2008	3,701
2000	6,707	2003	5,339	2006	5,242		
2001	5,639	2004	5,720	2007	5,415		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound
Total, all commodities	3,701	1,715	1,437	5	542	2
Total petroleum and petroleum products	1,520	1,518	2	---	---	---
Subtotal petroleum products	1,520	1,518	2	---	---	---
2211 gasoline	806	806	---	---	---	---
2330 distillate fuel oil	434	432	2	---	---	---
2340 residual fuel oil	280	280	---	---	---	---
Total chemicals and related products	41	41	---	---	---	---
Subtotal fertilizers	41	41	---	---	---	---
3110 nitrogenous fert.	41	41	---	---	---	---
Total crude materials, inedible except fuels	211	156	48	2	3	2
Subtotal forest products, wood and chips	172	156	12	2	---	2
4150 fuel wood	40	40	---	---	---	---
4161 wood chips	123	107	12	2	---	2
4170 wood in the rough	9	9	---	---	---	---
Subtotal pulp and waste paper	0	---	---	---	0	---
4225 pulp & waste paper	0	---	---	---	0	---
Subtotal iron ore and scrap	36	---	36	---	---	---
4420 iron & steel scrap	36	---	36	---	---	---
Subtotal sulphur, clay and salt	3	---	---	---	3	---
4782 clay & refrac. mat.	3	---	---	---	3	---
Total primary manufactured goods	42	---	---	---	42	---
Subtotal paper products	42	---	---	---	42	---
5190 paper products nec	42	---	---	---	42	---
Total food and farm products	1,847	---	1,387	---	460	---
Subtotal fish	1	---	1	---	---	---
6134 fish (not shellfish)	1	---	1	---	---	---
Subtotal grain	1,792	---	1,386	---	405	---
6241 wheat	1,654	---	1,302	---	352	---
6344 corn	3	---	---	---	3	---
6443 barley & rye	134	---	84	---	50	---
Subtotal vegetable products	50	---	---	---	50	---
6654 vegetables & prod.	50	---	---	---	50	---
Subtotal other agricultural products	5	---	---	---	5	---
6887 groceries	5	---	---	---	5	---
Total all manufactured equipment, machinery and products	40	---	---	2	37	---
7900 manufac. prod. nec	40	---	---	2	37	---
Ton-miles (x1000)	225,545	33,967	111,505	679	79,135	260

Tons All Traffic (x1000) 3,701
 Ton-miles All Traffic (x1000) 225,545
 Total Trip-ton-miles Internal and Intraport (x1000) 1,078,981

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

Freight Traffic, 2008
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts	Intraport			
SNAKE RIVER, OR, WA AND ID	---	---	---	---	3,152	2	3,154	4.91	547
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK A	---	---	---	---	1,174	---	1,174	1.83	3,697
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLE	---	---	---	---	1,275	231	1,506	2.34	6,762
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,809	1,304	---	---	322	---	3,434	5.34	---
DEEP RIVER, WA	---	---	---	---	---	---	---	0.00	---
LEWIS RIVER, WA	---	---	---	---	---	---	---	0.00	---
LAKE RIVER, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS	---	---	---	---	---	---	---	0.00	---
YOUNGS BAY AND YOUNGS RIVER, OR	---	---	5	---	10	---	15	0.02	---
CLATSKANIE RIVER, OR	---	---	---	8	---	---	8	0.01	---
GRAYS RIVER, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER AT BAKERS BAY, WA	0	---	0	---	---	---	0	0.00	---
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	---	---	---	---	1,161	---	1,161	1.81	---
SKIPANON CHANNEL, OR	---	---	---	---	41	---	41	0.06	---
MULTNOMAH CHANNEL, OR	---	---	---	7	1,234	---	1,241	1.93	---
CHINOOK CHANNEL, WA	---	---	---	---	33	---	33	0.05	---
WESTPORT SLOUGH, OR	---	---	---	---	---	---	---	0.00	---
SKAMOKAWA CREEK, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUV	5,410	32,560	3,128	506	8,095	756	50,455	78.47	4,436
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO	---	---	---	---	2,080	---	2,080	3.24	4,843
COWLITZ RIVER, WA	---	---	---	---	---	---	---	0.00	---
ELOKOMIN SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	7,218	33,864	3,133	520	18,577	989	64,301	---	20,283
PERCENT (UNADJUSTED)	11.23	52.66	4.87	0.81	28.89	1.54	---	100.00	---
NET VOLUME OF TONNAGE FOR THE BASIN**	7,218	33,864	3,133	520	9,562	989	55,286	---	---
PERCENT (ADJUSTED)	13.06	61.25	5.67	0.94	17.29	1.79	---	100.00	---

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

COLUMBIA RIVER ENTRANCE, OR AND WA

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	38,779	2002	34,497	2005	39,167	2008	44,736
2000	41,373	2003	35,320	2006	39,652		
2001	37,988	2004	41,036	2007	44,776		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	44,736	6,508	33,847	710	16	3,654	3,133	520
Total coal	0	0	---	---	---	---	---	---
1100 coal & lignite	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	3,651	206	807	57	---	2,581	2,439	142
Subtotal petroleum products	3,651	206	807	57	---	2,581	2,439	142
2211 gasoline	1,727	142	---	13	---	1,572	1,571	0
2221 kerosene	2	2	---	---	---	---	---	---
2330 distillate fuel oil	656	1	0	37	---	618	547	71
2340 residual fuel oil	247	---	---	8	---	240	174	66
2350 lube oil & greases	147	0	0	---	---	147	147	---
2410 petro. jelly & waxes	0	0	---	---	---	---	---	---
2429 naphtha & solvents	5	0	0	---	---	5	---	5
2430 asphalt, tar & pitch	39	39	---	---	---	---	---	---
2540 petroleum coke	827	21	807	---	---	---	---	---
Total chemicals and related products	7,355	985	6,346	---	3	20	5	15
Subtotal fertilizers	3,466	208	3,258	---	---	---	---	---
3110 nitrogenous fert.	204	204	---	---	---	---	---	---

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
3130 potassic fert.	3,258	0	3,258	—	—	—	—	—
3190 fert. & mixes nec	4	4	0	—	—	—	—	—
Subtotal other chemicals and related products	3,889	777	3,088	—	3	20	5	15
3212 benzene & toluene	52	52	—	—	—	—	—	—
3219 other hydrocarbons	9	9	—	—	—	—	—	—
3220 alcohols	177	162	0	—	—	15	—	15
3230 carboxylic acids	7	3	4	—	—	—	—	—
3240 nitrogen func. comp.	2	1	0	—	—	—	—	—
3250 organo - inorg. comp.	1	1	0	—	—	—	—	—
3260 organic comp. nec	3	2	2	—	—	—	—	—
3272 sulphuric acid	0	0	—	—	—	—	—	—
3273 ammonia	106	106	0	—	—	—	—	—
3274 sodium hydroxide	372	372	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	13	5	8	—	—	—	—	—
3276 metallic salts	2,415	28	2,384	—	3	—	—	—
3279 inorganic chem. nec	1	1	0	—	—	—	—	—
3281 radioactive material	0	0	—	—	—	—	—	—
3282 pigments & paints	1	0	0	—	—	—	—	—
3283 coloring mat. nec	2	2	—	—	—	—	—	—
3284 medicines	1	1	0	—	—	—	—	—
3285 perfumes & cleansers	4	3	0	—	—	—	—	—
3286 plastics	39	12	27	—	—	1	—	1
3291 pesticides	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	664	3	661	—	—	—	—	—
3293 explosives	2	1	1	—	—	—	—	—
3297 chemical additives	1	1	0	—	—	—	—	—
3298 wood & resin chem.	6	1	—	—	—	5	5	—
3299 chem. products nec	10	9	0	—	—	—	—	—
Total crude materials, inedible except fuels	6,200	1,289	3,396	510	13	992	669	323
Subtotal forest products, wood and chips	2,897	26	1,877	2	—	992	669	323
4110 rubber & gums	5	0	5	—	—	—	—	—
4150 fuel wood	1	1	—	—	—	—	—	—
4161 wood chips	605	0	—	2	—	603	603	—
4170 wood in the rough	1,839	0	1,755	—	—	83	65	17
4189 lumber	447	24	117	—	—	306	1	306
4190 forest products nec	1	1	0	—	—	—	—	—
Subtotal pulp and waste paper	93	13	67	—	13	—	—	—
4225 pulp & waste paper	93	13	67	—	13	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,033	614	17	401	—	—	—	—
4310 building stone	7	7	—	—	—	—	—	—
4322 limestone	388	0	—	388	—	—	—	—
4323 gypsum	623	606	17	—	—	—	—	—
4331 sand & gravel	15	1	0	14	—	—	—	—
Subtotal iron ore and scrap	854	1	747	107	—	—	—	—
4420 iron & steel scrap	854	1	747	107	—	—	—	—
Subtotal marine shells	0	—	0	—	—	—	—	—
4515 marine shells	0	—	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	825	414	410	—	—	—	—	—
4630 copper ore	383	—	383	—	—	—	—	—
4650 aluminum ore	414	414	0	—	—	—	—	—
4680 non-ferrous scrap	27	0	27	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—	—
Subtotal sulphur, clay and salt	260	1	259	—	—	—	—	—
4741 sulphur, (dry)	0	0	—	—	—	—	—	—
4782 clay & refrac. mat.	260	0	259	—	—	—	—	—
Subtotal other non-metal. min.	239	220	19	—	—	—	—	—
4900 non-metal. min. nec	239	220	19	—	—	—	—	—
Total primary manufactured goods	3,459	2,719	559	121	—	60	21	39
Subtotal paper products	338	26	297	—	—	14	—	14
5110 newsprint	201	0	201	—	—	—	—	—
5120 paper & paperboard	110	17	93	—	—	—	—	—
5190 paper products nec	27	9	3	—	—	14	—	14
Subtotal lime, cement and glass	986	838	10	118	—	20	20	—
5220 cement & concrete	917	779	0	118	—	20	20	—
5240 glass & glass prod.	18	18	0	—	—	—	—	—
5290 misc. mineral prod.	50	41	10	—	—	—	—	—
Subtotal primary iron and steel products	1,739	1,701	30	—	—	9	—	9
5312 pig iron	1	0	0	—	—	—	—	—
5315 ferro alloys	25	25	—	—	—	—	—	—
5320 i&s primary forms	1,137	1,126	11	—	—	—	—	—
5330 i&s plates & sheets	345	333	12	—	—	—	—	—

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
5360 i&s bars & shapes	25	13	3	—	—	9	—	9
5370 i&s pipe & tube	109	107	1	—	—	—	—	—
5390 primary i&s nec	99	97	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	344	128	212	4	—	1	0	1
5421 copper	2	2	0	—	—	—	—	—
5422 aluminum	9	7	3	—	—	—	—	—
5429 smelted prod. nec	204	2	199	4	—	—	—	—
5480 fab. metal products	129	118	11	—	—	1	0	1
Subtotal primary wood products	52	26	10	—	—	16	0	16
5540 primary wood prod.	52	26	10	—	—	16	0	16
Total food and farm products	22,765	85	22,658	22	—	—	—	—
Subtotal fish	20	3	17	1	—	—	—	—
6134 fish (not shellfish)	19	2	17	1	—	—	—	—
6136 shellfish	1	1	0	—	—	—	—	—
Subtotal grain	16,668	7	16,640	21	—	—	—	—
6241 wheat	11,164	—	11,143	21	—	—	—	—
6344 corn	4,963	0	4,963	—	—	—	—	—
6442 rice	1	1	—	—	—	—	—	—
6443 barley & rye	473	—	473	—	—	—	—	—
6445 oats	7	7	0	—	—	—	—	—
6447 sorghum grains	61	—	61	—	—	—	—	—
Subtotal oilseeds	5,144	3	5,141	—	—	—	—	—
6522 soybeans	5,143	2	5,141	—	—	—	—	—
6534 flaxseed	0	0	—	—	—	—	—	—
6590 oilseeds nec	1	0	0	—	—	—	—	—
Subtotal vegetable products	165	23	142	0	—	—	—	—
6653 vegetable oils	4	4	0	—	—	—	—	—
6654 vegetables & prod.	161	20	142	0	—	—	—	—
Subtotal processed grain and animal feed	562	2	561	—	—	—	—	—
6746 wheat flour	0	0	—	—	—	—	—	—
6747 grain mill products	58	1	58	—	—	—	—	—
6781 hay & fodder	316	0	316	—	—	—	—	—
6782 animal feed, prep.	188	0	187	—	—	—	—	—
Subtotal other agricultural products	205	47	158	—	—	—	—	—
6811 meat, fresh, frozen	1	0	1	—	—	—	—	—
6817 meat, prepared	0	0	0	—	—	—	—	—
6822 dairy products	22	0	22	—	—	—	—	—
6835 fish, prepared	1	0	1	—	—	—	—	—
6838 tallow, animal oils	0	0	0	—	—	—	—	—
6839 animals & prod. nec	9	0	9	—	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	34	3	31	—	—	—	—	—
6858 fruit juices	13	7	5	—	—	—	—	—
6861 sugar	0	0	—	—	—	—	—	—
6871 coffee	11	11	0	—	—	—	—	—
6872 cocoa beans	0	0	0	—	—	—	—	—
6885 alcoholic beverages	17	17	1	—	—	—	—	—
6888 water & ice	1	1	—	—	—	—	—	—
6889 food products nec	30	5	25	—	—	—	—	—
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	1	1	—	—	—	—	—	—
6899 farm products nec	64	1	64	—	—	—	—	—
Total all manufactured equipment, machinery and products	1,254	1,178	75	0	—	1	0	1
7110 machinery (not elec)	107	77	30	—	—	0	0	0
7120 electrical machinery	65	61	4	—	—	—	—	—
7210 vehicles & parts	765	736	28	—	—	—	—	—
7220 aircraft & parts	1	0	0	—	—	—	—	—
7230 ships & boats	0	0	0	—	—	0	—	0
7400 manufac. wood prod.	35	34	2	—	—	0	—	0
7500 textile products	31	30	1	0	—	—	—	—
7600 rubber & plastic pr.	87	84	4	—	—	—	—	—
7900 manufac. prod. nec	162	156	5	0	—	1	—	1
Total unknown or not elsewhere classified	53	46	7	—	—	—	—	—
9900 unknown or nec	53	46	7	—	—	—	—	—

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
1999	50,733	2002	45,027	2005	51,488	2008	54,762
2000	55,193	2003	47,158	2006	52,279		
2001	50,348	2004	53,523	2007	58,149		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	41,082	2,964	20,042	3,544	13,805	139	13	571	3
Total coal	0	---	---	0	---	---	---	---	---
1100 coal & lignite	0	---	---	0	---	---	---	---	---
Total petroleum and petroleum products	1,070	84	807	122	0	---	---	57	---
Subtotal petroleum products	1,070	84	807	122	0	---	---	57	---
2211 gasoline	155	52	---	90	---	---	---	13	---
2221 kerosene	2	2	---	---	---	---	---	---	---
2330 distillate fuel oil	38	1	---	0	0	---	---	37	---
2340 residual fuel oil	8	---	---	---	---	---	---	8	---
2350 lube oil & greases	0	---	---	0	0	---	---	---	---
2410 petro. jelly & waxes	0	---	---	0	---	---	---	---	---
2429 naphtha & solvents	0	---	---	0	0	---	---	---	---
2430 asphalt, tar & pitch	39	12	---	27	---	---	---	---	---
2540 petroleum coke	827	16	807	4	0	---	---	---	---
Total chemicals and related products	7,334	646	616	340	5,729	---	---	---	3
Subtotal fertilizers	3,466	25	210	183	3,048	---	---	---	---
3110 nitrogenous fert.	204	22	---	181	---	---	---	---	---
3130 potassic fert.	3,258	---	210	0	3,048	---	---	---	---
3190 fert. & mixes nec	4	2	---	2	0	---	---	---	---
Subtotal other chemicals and related products	3,869	621	407	157	2,681	---	---	---	3
3212 benzene & toluene	52	52	---	---	---	---	---	---	---
3219 other hydrocarbons	9	9	---	0	---	---	---	---	---
3220 alcohols	162	161	---	1	0	---	---	---	---
3230 carboxylic acids	7	---	---	3	4	---	---	---	---
3240 nitrogen func. comp.	2	---	---	1	0	---	---	---	---
3250 organo - inorg. comp.	1	---	---	1	0	---	---	---	---
3260 organic comp. nec	3	---	---	2	2	---	---	---	---
3272 sulphuric acid	0	---	---	0	---	---	---	---	---
3273 ammonia	106	---	---	106	0	---	---	---	---
3274 sodium hydroxide	372	372	---	---	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	13	1	---	4	8	---	---	---	---
3276 metallic salts	2,415	17	282	10	2,102	---	---	---	3
3279 inorganic chem. nec	1	---	---	1	0	---	---	---	---
3281 radioactive material	0	---	---	0	---	---	---	---	---
3282 pigments & paints	1	0	---	0	0	---	---	---	---
3283 coloring mat. nec	2	0	---	2	---	---	---	---	---
3284 medicines	1	---	---	1	0	---	---	---	---
3285 perfumes & cleansers	4	---	---	3	0	---	---	---	---
3286 plastics	39	0	---	12	27	---	---	---	---
3291 pesticides	0	---	---	0	0	---	---	---	---
3292 starches, gluten, glue	664	---	125	3	536	---	---	---	---
3293 explosives	2	---	---	1	1	---	---	---	---
3297 chemical additives	1	---	---	1	0	---	---	---	---
3298 wood & resin chem.	1	---	---	1	---	---	---	---	---
3299 chem. products nec	10	8	---	1	0	---	---	---	---
Total crude materials, inedible except fuels	5,209	1,251	2,580	38	817	2	13	508	---
Subtotal forest products, wood and chips	1,905	---	1,750	26	127	2	---	---	---
4110 rubber & gums	5	---	---	0	5	---	---	---	---
4150 fuel wood	1	---	---	1	---	---	---	---	---
4161 wood chips	2	---	---	0	---	2	---	---	---
4170 wood in the rough	1,756	---	1,694	0	61	---	---	---	---
4189 lumber	141	---	55	24	61	---	---	---	---
4190 forest products nec	1	---	---	1	0	---	---	---	---
Subtotal pulp and waste paper	93	12	9	1	58	---	13	---	---
4225 pulp & waste paper	93	12	9	1	58	---	13	---	---
Subtotal soil, sand, gravel, rock and stone	1,033	606	17	8	0	---	---	401	---
4310 building stone	7	---	---	7	---	---	---	---	---
4322 limestone	388	---	---	0	---	---	---	388	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
4323 gypsum	623	606	17	0	—	—	—	—	
4331 sand & gravel	15	—	—	1	0	—	—	14	
Subtotal iron ore and scrap	854	—	226	1	521	—	—	107	
4420 iron & steel scrap	854	—	226	1	521	—	—	107	
Subtotal marine shells	0	—	—	—	0	—	—	—	
4515 marine shells	0	—	—	—	0	—	—	—	
Subtotal non-ferrous ores and scrap	825	414	371	1	39	—	—	—	
4630 copper ore	383	—	371	—	12	—	—	—	
4650 aluminum ore	414	414	—	1	0	—	—	—	
4680 non-ferrous scrap	27	—	—	0	27	—	—	—	
4690 non-ferrous ores nec	0	—	—	—	0	—	—	—	
Subtotal sulphur, clay and salt	260	—	199	1	60	—	—	—	
4741 sulphur, (dry)	0	—	—	0	—	—	—	—	
4782 clay & refrac. mat.	260	—	199	0	60	—	—	—	
Subtotal other non-metal. min.	239	219	7	1	12	—	—	—	
4900 non-metal. min. nec	239	219	7	1	12	—	—	—	
Total primary manufactured goods	3,399	793	241	1,926	317	118	—	4	
Subtotal paper products	323	—	165	26	132	—	—	—	
5110 newsprint	201	—	165	0	36	—	—	—	
5120 paper & paperboard	110	—	—	17	93	—	—	—	
5190 paper products nec	13	—	—	9	3	—	—	—	
Subtotal lime, cement and glass	965	14	—	824	10	118	—	—	
5220 cement & concrete	897	12	—	767	0	118	—	—	
5240 glass & glass prod.	18	0	—	18	0	—	—	—	
5290 misc. mineral prod.	50	2	—	39	10	—	—	—	
Subtotal primary iron and steel products	1,731	759	16	943	14	—	—	—	
5312 pig iron	1	—	—	0	0	—	—	—	
5315 ferro alloys	25	5	—	20	—	—	—	—	
5320 i&s primary forms	1,137	339	4	787	7	—	—	—	
5330 i&s plates & sheets	345	331	10	2	2	—	—	—	
5360 i&s bars & shapes	16	12	2	1	1	—	—	—	
5370 i&s pipe & tube	109	71	—	37	1	—	—	—	
5390 primary i&s nec	99	—	—	97	2	—	—	—	
Subtotal primary non-ferrous metal products	344	20	60	108	152	—	—	4	
5421 copper	2	1	—	1	0	—	—	—	
5422 aluminum	9	3	—	3	3	—	—	—	
5429 smelted prod. nec	204	0	60	2	139	—	—	4	
5480 fab. metal products	129	16	0	102	10	—	—	—	
Subtotal primary wood products	36	—	0	26	10	—	—	—	
5540 primary wood prod.	36	—	0	26	10	—	—	—	
Total food and farm products	22,765	8	15,762	77	6,896	20	—	2	
Subtotal fish	20	1	—	2	17	0	—	1	
6134 fish (not shellfish)	19	1	—	0	17	0	—	1	
6136 shellfish	1	—	—	1	0	—	—	—	
Subtotal grain	16,668	7	10,382	1	6,257	20	—	2	
6241 wheat	11,164	—	5,896	—	5,247	20	—	2	
6344 corn	4,963	—	4,323	0	640	—	—	—	
6442 rice	1	—	—	1	—	—	—	—	
6443 barley & rye	473	—	102	—	371	—	—	—	
6445 oats	7	7	—	—	0	—	—	—	
6447 sorghum grains	61	—	61	—	—	—	—	—	
Subtotal oilseeds	5,144	—	5,141	3	0	—	—	—	
6522 soybeans	5,143	—	5,141	2	—	—	—	—	
6534 flaxseed	0	—	—	0	—	—	—	—	
6590 oilseeds nec	1	—	—	0	0	—	—	—	
Subtotal vegetable products	165	0	21	23	120	—	—	0	
6653 vegetable oils	4	0	—	4	0	—	—	—	
6654 vegetables & prod.	161	—	21	20	120	—	—	0	
Subtotal processed grain and animal feed	562	—	199	2	362	—	—	—	
6746 wheat flour	0	—	—	0	—	—	—	—	
6747 grain mill products	58	—	30	1	28	—	—	—	
6781 hay & fodder	316	—	—	0	316	—	—	—	
6782 animal feed, prep.	188	—	169	0	18	—	—	—	
Subtotal other agricultural products	205	—	18	47	139	—	—	—	
6811 meat, fresh, frozen	1	—	—	0	1	—	—	—	

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
6817 meat, prepared	0	—	—	0	0	—	—	—	—
6822 dairy products	22	—	—	0	22	—	—	—	—
6835 fish, prepared	1	—	—	0	1	—	—	—	—
6838 tallow, animal oils	0	—	—	0	0	—	—	—	—
6839 animals & prod. nec	9	—	—	0	9	—	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—	—
6857 fruit & nuts nec	34	—	—	3	31	—	—	—	—
6858 fruit juices	13	—	—	7	5	—	—	—	—
6861 sugar	0	—	—	0	—	—	—	—	—
6871 coffee	11	—	—	11	0	—	—	—	—
6872 cocoa beans	0	—	—	0	0	—	—	—	—
6885 alcoholic beverages	17	—	—	17	1	—	—	—	—
6888 water & ice	1	—	—	1	—	—	—	—	—
6889 food products nec	30	—	18	5	6	—	—	—	—
6893 cotton	0	—	—	0	—	—	—	—	—
6894 natural fibers nec	1	—	—	1	—	—	—	—	—
6899 farm products nec	64	—	—	1	64	—	—	—	—
Total all manufactured equipment, machinery and products	1,253	160	36	1,018	38	—	—	0	—
7110 machinery (not elec)	107	42	18	35	12	—	—	—	—
7120 electrical machinery	65	33	0	28	4	—	—	—	—
7210 vehicles & parts	765	67	18	669	11	—	—	—	—
7220 aircraft & parts	1	0	—	0	0	—	—	—	—
7230 ships & boats	0	0	0	0	0	—	—	—	—
7400 manufac. wood prod.	35	0	—	34	2	—	—	—	—
7500 textile products	31	—	—	30	1	—	—	0	—
7600 rubber & plastic pr.	87	17	0	67	4	—	—	—	—
7900 manufac. prod. nec	161	2	0	154	5	—	—	0	—
Total unknown or not elsewhere classified	53	22	0	24	7	—	—	—	—
9900 unknown or nec	53	22	0	24	7	—	—	—	—
Ton-miles	3,583,237	228,606	1,573,725	354,575	1,358,083	10,618	1,359	55,947	324
Foreign & Canadian (x1000)									

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	3,654	758	379	2,375	142
Total petroleum and petroleum products	2,581	68	15	2,370	126
Subtotal petroleum products	2,581	68	15	2,370	126
2211 gasoline	1,572	25	—	1,546	0
2330 distillate fuel oil	618	43	—	504	71
2340 residual fuel oil	240	—	15	174	50
2350 lube oil & greases	147	—	—	147	—
2429 naphtha & solvents	5	—	—	—	5
Total chemicals and related products	20	—	1	5	15
Subtotal other chemicals and related products	20	—	1	5	15
3220 alcohols	15	—	—	—	15
3286 plastics	1	—	1	—	—
3298 wood & resin chem.	5	—	—	5	—
Total crude materials, inedible except fuels	992	669	323	—	—
Subtotal forest products, wood and chips	992	669	323	—	—
4161 wood chips	603	603	—	—	—
4170 wood in the rough	83	65	17	—	—
4189 lumber	306	1	306	—	—
Total primary manufactured goods	60	21	39	—	—
Subtotal paper products	14	—	14	—	—
5190 paper products nec	14	—	14	—	—
Subtotal lime, cement and glass	20	20	—	—	—
5220 cement & concrete	20	20	—	—	—
Subtotal primary iron and steel products	9	—	9	—	—
5360 i&s bars & shapes	9	—	9	—	—
Subtotal primary non-ferrous metal products	1	—	1	—	—
5480 fab. metal products	1	—	1	—	—
Subtotal primary wood products	16	0	16	—	—
5540 primary wood prod.	16	0	16	—	—
Total all manufactured equipment, machinery and products	1	0	0	—	1
7110 machinery (not elec)	0	0	0	—	—
7230 ships & boats	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	—
7900 manufac. prod. nec	1	—	0	—	1
Ton-miles (x1000)	316,767	45,154	25,901	232,345	13,367
Coastwise					

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,026	1,001	650	584	2,110	1,891	1,338	920	1,531
Total petroleum and petroleum products	1,901	321	—	143	51	1,375	2	9	—
Subtotal petroleum products	1,901	321	—	143	51	1,375	2	9	—
2211 gasoline	855	2	—	43	47	763	—	—	—
2330 distillate fuel oil	617	171	—	17	4	414	2	9	—
2340 residual fuel oil	429	148	—	83	—	198	—	—	—
Total chemicals and related products	205	7	—	67	99	13	—	18	2
Subtotal fertilizers	71	7	—	38	3	3	—	18	2
3110 nitrogenous fert.	71	7	—	38	3	3	—	18	2
Subtotal other chemicals and related products	135	—	—	29	96	10	—	—	—
3220 alcohols	125	—	—	29	96	—	—	—	—
3298 wood & resin chem.	10	—	—	—	—	10	—	—	—
Total crude materials, inedible except fuels	3,787	671	17	344	964	501	40	593	658
Subtotal forest products, wood and chips	940	41	12	152	10	10	—	180	536
4150 fuel wood	40	—	—	39	—	1	—	—	1
4161 wood chips	692	37	12	101	—	9	—	143	390
4170 wood in the rough	207	4	—	12	10	—	—	37	145
Subtotal pulp and waste paper	0	—	—	—	—	—	0	—	—
4225 pulp & waste paper	0	—	—	—	—	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	2,806	631	5	192	953	491	—	412	122
4331 sand & gravel	2,806	631	5	192	953	491	—	412	122
Subtotal iron ore and scrap	39	—	—	—	2	—	37	—	—
4420 iron & steel scrap	39	—	—	—	2	—	37	—	—
Subtotal sulphur, clay and salt	3	—	—	—	—	—	3	—	—
4782 clay & refrac. mat.	3	—	—	—	—	—	3	—	—
Total primary manufactured goods	52	—	—	—	11	—	42	—	—
Subtotal paper products	42	—	—	—	1	—	42	—	—
5190 paper products nec	42	—	—	—	1	—	42	—	—
Subtotal lime, cement and glass	10	—	—	—	10	—	—	—	—
5220 cement & concrete	10	—	—	—	10	—	—	—	—
Total food and farm products	3,707	—	627	30	950	—	1,224	6	871
Subtotal fish	2	—	1	—	2	—	—	—	—
6134 fish (not shellfish)	2	—	1	—	2	—	—	—	—
Subtotal grain	3,578	—	626	30	883	—	1,169	6	864
6241 wheat	3,390	—	610	30	849	—	1,044	6	851
6344 corn	19	—	7	—	—	—	—	—	13
6443 barley & rye	168	—	9	—	35	—	125	—	—
Subtotal oilseeds	8	—	—	—	—	—	—	—	8
6522 soybeans	8	—	—	—	—	—	—	—	8
Subtotal vegetable products	62	—	—	—	12	—	50	—	—
6654 vegetables & prod.	62	—	—	—	12	—	50	—	—
Subtotal processed grain and animal feed	42	—	—	—	42	—	—	—	—
6781 hay & fodder	42	—	—	—	42	—	—	—	—
Subtotal other agricultural products	15	—	—	—	10	—	5	—	—
6887 groceries	15	—	—	—	10	—	5	—	—
Total all manufactured equipment, machinery and products	78	2	7	—	36	2	30	0	0
7110 machinery (not elec)	1	—	—	—	—	—	—	0	0
7900 manufac. prod. nec	77	2	7	—	36	2	30	—	—
Total waste and scrap nec	294	—	—	—	0	—	—	294	—
8900 waste and scrap nec	294	—	—	—	0	—	—	294	—
Ton-miles	1,467,549	77,980	145,086	69,772	266,784	315,639	296,169	74,383	221,737
Internal (x1000)									
Tons All Traffic (x1000)			54,762						
Ton-miles All Traffic (x1000)			5,367,552						
Total Trip-ton-miles Internal and Intraport (x1000)			1,774,854						

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
1999	50,905	2002	45,458	2005	51,472	2008	54,890
2000	55,529	2003	47,389	2006	52,329		
2001	50,997	2004	53,656	2007	58,228		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
Total, all commodities	41,082	4,700	32,543	1,808	1,304	709	16	1
Total coal	0	---	---	0	---	---	---	---
1100 coal & lignite	0	---	---	0	---	---	---	---
Total petroleum and petroleum products	1,070	205	807	0	0	57	---	---
Subtotal petroleum products	1,070	205	807	0	0	57	---	---
2211 gasoline	155	142	---	0	---	13	---	---
2221 kerosene	2	2	---	---	---	---	---	---
2330 distillate fuel oil	38	1	---	0	0	37	---	---
2340 residual fuel oil	8	---	---	---	---	8	---	---
2350 lube oil & greases	0	---	---	0	0	---	---	---
2410 petro. jelly & waxes	0	---	---	0	---	---	---	---
2429 naphtha & solvents	0	---	---	0	0	---	---	---
2430 asphalt, tar & pitch	39	39	---	---	---	---	---	---
2540 petroleum coke	827	21	807	---	0	---	---	---
Total chemicals and related products	7,334	932	6,310	53	36	---	3	---
Subtotal fertilizers	3,466	205	3,258	3	0	---	---	---
3110 nitrogenous fert.	204	202	---	2	---	---	---	---
3130 potassic fert.	3,258	---	3,258	0	---	---	---	---
3190 fert. & mixes nec	4	2	---	2	0	---	---	---
Subtotal other chemicals and related products	3,869	727	3,052	50	36	---	3	---
3212 benzene & toluene	52	52	---	---	---	---	---	---
3219 other hydrocarbons	9	9	---	0	---	---	---	---
3220 alcohols	162	161	---	1	0	---	---	---
3230 carboxylic acids	7	---	0	3	4	---	---	---
3240 nitrogen func. comp.	2	---	---	1	0	---	---	---
3250 organo - inorg. comp.	1	---	---	1	0	---	---	---
3260 organic comp. nec	3	---	---	2	2	---	---	---
3272 sulphuric acid	0	---	---	0	---	---	---	---
3273 ammonia	106	106	---	0	0	---	---	---
3274 sodium hydroxide	372	372	---	---	0	---	---	---
3275 inorg. elem., oxides, & halogen salts	13	1	8	4	0	---	---	---
3276 metallic salts	2,415	17	2,384	10	0	---	3	---
3279 inorganic chem. nec	1	---	---	1	0	---	---	---
3281 radioactive material	0	---	---	0	---	---	---	---
3282 pigments & paints	1	0	---	0	0	---	---	---
3283 coloring mat. nec	2	0	---	2	---	---	---	---
3284 medicines	1	---	---	1	0	---	---	---
3285 perfumes & cleansers	4	---	0	3	0	---	---	---
3286 plastics	39	1	0	12	26	---	---	---
3291 pesticides	0	---	---	0	0	---	---	---
3292 starches, gluten, glue	664	---	660	3	1	---	---	---
3293 explosives	2	---	---	1	1	---	---	---
3297 chemical additives	1	---	---	1	0	---	---	---
3298 wood & resin chem.	1	---	---	1	---	---	---	---
3299 chem. products nec	10	8	---	1	0	---	---	---
Total crude materials, inedible except fuels	5,209	1,253	3,115	36	282	510	13	---
Subtotal forest products, wood and chips	1,905	2	1,751	24	126	2	---	---
4110 rubber & gums	5	---	---	0	5	---	---	---
4150 fuel wood	1	---	---	1	---	---	---	---
4161 wood chips	2	---	---	0	---	2	---	---
4170 wood in the rough	1,756	---	1,694	0	61	---	---	---
4189 lumber	141	2	57	23	60	---	---	---
4190 forest products nec	1	---	---	1	0	---	---	---
Subtotal pulp and waste paper	93	12	11	1	55	---	13	---
4225 pulp & waste paper	93	12	11	1	55	---	13	---
Subtotal soil, sand, gravel, rock and stone	1,033	606	17	8	0	401	---	---
4310 building stone	7	0	---	7	---	---	---	---
4322 limestone	388	---	---	0	---	388	---	---
4323 gypsum	623	606	17	0	---	---	---	---

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
4331 sand & gravel	15	—	—	1	0	14	—	—
Subtotal iron ore and scrap	854	—	688	1	59	107	—	—
4420 iron & steel scrap	854	—	688	1	59	107	—	—
Subtotal marine shells	0	—	—	—	0	—	—	—
4515 marine shells	0	—	—	—	0	—	—	—
Subtotal non-ferrous ores and scrap	825	414	383	1	27	—	—	—
4630 copper ore	383	—	383	—	—	—	—	—
4650 aluminum ore	414	414	—	1	0	—	—	—
4680 non-ferrous scrap	27	—	—	0	27	—	—	—
4690 non-ferrous ores nec	0	—	—	—	0	—	—	—
Subtotal sulphur, clay and salt	260	—	257	1	3	—	—	—
4741 sulphur, (dry)	0	—	—	0	—	—	—	—
4782 clay & refrac. mat.	260	—	257	0	3	—	—	—
Subtotal other non-metal. min.	239	219	7	1	12	—	—	—
4900 non-metal. min. nec	239	219	7	1	12	—	—	—
Total primary manufactured goods	3,399	1,722	303	997	256	121	—	—
Subtotal paper products	323	—	175	26	122	—	—	—
5110 newsprint	201	—	175	0	26	—	—	—
5120 paper & paperboard	110	—	0	17	93	—	—	—
5190 paper products nec	13	—	—	9	3	—	—	—
Subtotal lime, cement and glass	965	781	0	57	10	118	—	—
5220 cement & concrete	897	779	—	0	0	118	—	—
5240 glass & glass prod.	18	0	0	18	0	—	—	—
5290 misc. mineral prod.	50	2	0	39	10	—	—	—
Subtotal primary iron and steel products	1,731	895	16	806	14	—	—	—
5312 pig iron	1	—	—	0	0	—	—	—
5315 ferro alloys	25	22	—	3	—	—	—	—
5320 i&s primary forms	1,137	348	4	778	7	—	—	—
5330 i&s plates & sheets	345	332	10	1	2	—	—	—
5360 i&s bars & shapes	16	12	2	1	1	—	—	—
5370 i&s pipe & tube	109	89	0	19	1	—	—	—
5390 primary i&s nec	99	92	0	5	2	—	—	—
Subtotal primary non-ferrous metal products	344	44	112	84	100	4	—	—
5421 copper	2	1	—	1	0	—	—	—
5422 aluminum	9	5	2	2	1	—	—	—
5429 smelted prod. nec	204	0	109	2	89	4	—	—
5480 fab. metal products	129	38	0	80	10	—	—	—
Subtotal primary wood products	36	2	0	24	10	—	—	—
5540 primary wood prod.	36	2	0	24	10	—	—	—
Total food and farm products	22,765	9	21,963	76	695	21	—	1
Subtotal fish	20	1	—	2	17	0	—	1
6134 fish (not shellfish)	19	1	—	0	17	0	—	1
6136 shellfish	1	—	—	1	0	—	—	—
Subtotal grain	16,668	7	16,564	1	76	21	—	—
6241 wheat	11,164	—	11,123	—	20	21	—	—
6344 corn	4,963	—	4,908	0	55	—	—	—
6442 rice	1	—	—	1	—	—	—	—
6443 barley & rye	473	—	471	—	2	—	—	—
6445 oats	7	7	—	—	0	—	—	—
6447 sorghum grains	61	—	61	—	—	—	—	—
Subtotal oilseeds	5,144	—	5,141	3	0	—	—	—
6522 soybeans	5,143	—	5,141	2	—	—	—	—
6534 flaxseed	0	—	—	0	—	—	—	—
6590 oilseeds nec	1	—	—	0	0	—	—	—
Subtotal vegetable products	165	0	22	23	120	—	—	0
6653 vegetable oils	4	0	—	4	0	—	—	—
6654 vegetables & prod.	161	0	22	20	120	—	—	0
Subtotal processed grain and animal feed	562	—	218	2	343	—	—	—
6746 wheat flour	0	—	—	0	—	—	—	—
6747 grain mill products	58	—	37	1	21	—	—	—
6781 hay & fodder	316	—	3	0	313	—	—	—
6782 animal feed, prep.	188	—	178	0	9	—	—	—
Subtotal other agricultural products	205	1	19	46	138	—	—	—
6811 meat, fresh, frozen	1	—	0	0	1	—	—	—
6817 meat, prepared	0	—	—	0	0	—	—	—
6822 dairy products	22	—	—	0	22	—	—	—
6835 fish, prepared	1	—	—	0	1	—	—	—
6838 tallow, animal oils	0	—	—	0	0	—	—	—
6839 animals & prod. nec	9	—	—	0	9	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—
6857 fruit & nuts nec	34	—	1	3	30	—	—	—
6858 fruit juices	13	—	0	7	5	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
6861 sugar	0	—	—	0	—	—	—	—
6871 coffee	11	0	—	11	0	—	—	—
6872 cocoa beans	0	—	—	0	0	—	—	—
6885 alcoholic beverages	17	1	0	16	1	—	—	—
6888 water & ice	1	—	—	1	—	—	—	—
6889 food products nec	30	0	18	5	6	—	—	—
6893 cotton	0	—	—	0	—	—	—	—
6894 natural fibers nec	1	—	—	1	—	—	—	—
6899 farm products nec	64	—	0	1	63	—	—	—
Total all manufactured equipment, machinery and products	1,253	552	46	626	29	—	—	0
7110 machinery (not elec)	107	45	19	32	11	—	—	—
7120 electrical machinery	65	33	1	28	3	—	—	—
7210 vehicles & parts	765	439	26	297	3	—	—	—
7220 aircraft & parts	1	0	—	0	0	—	—	—
7230 ships & boats	0	0	0	0	0	—	—	—
7400 manufac. wood prod.	35	13	0	21	2	—	—	—
7500 textile products	31	—	0	30	1	—	—	0
7600 rubber & plastic pr.	87	17	0	67	3	—	—	—
7900 manufac. prod. nec	161	5	0	151	5	—	—	0
Total unknown or not elsewhere classified	53	28	0	18	7	—	—	—
9900 unknown or nec	53	28	0	18	7	—	—	—
Ton-miles (x1000)	3,701,991	412,854	2,898,850	184,413	132,987	71,114	1,709	63
Foreign & Canadian								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	3,654	3,128	506	5	15
Total petroleum and petroleum products	2,581	2,439	142	—	—
Subtotal petroleum products	2,581	2,439	142	—	—
2211 gasoline	1,572	1,571	0	—	—
2330 distillate fuel oil	618	547	71	—	—
2340 residual fuel oil	240	174	66	—	—
2350 lube oil & greases	147	147	—	—	—
2429 naphtha & solvents	5	—	5	—	—
Total chemicals and related products	20	—	1	5	15
Subtotal other chemicals and related products	20	—	1	5	15
3220 alcohols	15	—	—	—	15
3286 plastics	1	—	1	—	—
3298 wood & resin chem.	5	—	—	5	—
Total crude materials, inedible except fuels	992	669	323	—	—
Subtotal forest products, wood and chips	992	669	323	—	—
4161 wood chips	603	603	—	—	—
4170 wood in the rough	83	65	17	—	—
4189 lumber	306	1	306	—	—
Total primary manufactured goods	60	21	39	—	—
Subtotal paper products	14	—	14	—	—
5190 paper products nec	14	—	14	—	—
Subtotal lime, cement and glass	20	20	—	—	—
5220 cement & concrete	20	20	—	—	—
Subtotal primary iron and steel products	9	—	9	—	—
5360 i&s bars & shapes	9	—	9	—	—
Subtotal primary non-ferrous metal products	1	—	1	—	—
5480 fab. metal products	1	—	1	—	—
Subtotal primary wood products	16	0	16	—	—
5540 primary wood prod.	16	0	16	—	—
Total all manufactured equipment, machinery and products	1	0	1	—	—
7110 machinery (not elec)	0	0	0	—	—
7230 ships & boats	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	—
7900 manufac. prod. nec	1	—	1	—	—
Ton-miles (x1000)	336,745	296,417	39,350	45	933
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,155	2,968	2,373	847	1,907	1,045	259	596	161
Total petroleum and petroleum products	1,935	2	—	152	1,693	—	—	75	13
Subtotal petroleum products	1,935	2	—	152	1,693	—	—	75	13
2211 gasoline	882	—	—	43	763	—	—	64	11

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
2330 distillate fuel oil	619	2	—	26	585	—	—	4	1
2340 residual fuel oil	435	—	—	83	345	—	—	7	0
Total chemicals and related products	206	106	2	56	10	—	—	33	—
Subtotal fertilizers	71	—	2	56	10	—	—	3	—
3110 nitrogenous fert.	71	—	2	56	10	—	—	3	—
Subtotal other chemicals and related products	135	106	—	—	—	—	—	30	—
3220 alcohols	125	96	—	—	—	—	—	30	—
3298 wood & resin chem.	10	10	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	3,840	825	885	345	194	1,040	13	430	109
Subtotal forest products, wood and chips	682	37	442	50	16	4	4	125	6
4150 fuel wood	2	—	1	—	1	—	—	—	—
4161 wood chips	522	37	328	27	9	—	—	122	—
4170 wood in the rough	159	—	113	23	6	4	4	3	6
Subtotal pulp and waste paper	0	—	—	—	—	—	0	—	—
4225 pulp & waste paper	0	—	—	—	—	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	3,115	754	443	295	178	1,037	—	305	103
4331 sand & gravel	3,115	754	443	295	178	1,037	—	305	103
Subtotal iron ore and scrap	39	34	—	—	—	—	6	—	—
4420 iron & steel scrap	39	34	—	—	—	—	6	—	—
Subtotal sulphur, clay and salt	3	—	—	—	—	—	3	—	—
4782 clay & refrac. mat.	3	—	—	—	—	—	3	—	—
Total primary manufactured goods	52	—	—	—	10	—	42	—	—
Subtotal paper products	42	—	—	—	—	—	42	—	—
5190 paper products nec	42	—	—	—	—	—	42	—	—
Subtotal lime, cement and glass	10	—	—	—	10	—	—	—	—
5220 cement & concrete	10	—	—	—	10	—	—	—	—
Total food and farm products	3,757	2,036	1,486	—	—	—	138	58	39
Subtotal fish	2	—	—	—	—	—	2	—	—
6134 fish (not shellfish)	2	—	—	—	—	—	2	—	—
Subtotal grain	3,628	2,036	1,486	—	—	—	17	58	32
6241 wheat	3,440	1,878	1,461	—	—	—	15	58	28
6344 corn	19	—	16	—	—	—	—	—	3
6443 barley & rye	168	157	9	—	—	—	2	—	—
Subtotal oilseeds	8	—	—	—	—	—	—	—	8
6522 soybeans	8	—	—	—	—	—	—	—	8
Subtotal vegetable products	62	—	—	—	—	—	62	—	—
6654 vegetables & prod.	62	—	—	—	—	—	62	—	—
Subtotal processed grain and animal feed	42	—	—	—	—	—	42	—	—
6781 hay & fodder	42	—	—	—	—	—	42	—	—
Subtotal other agricultural products	15	—	—	—	—	—	15	—	—
6887 groceries	15	—	—	—	—	—	15	—	—
Total all manufactured equipment, machinery and products	71	—	—	—	0	4	66	—	—
7900 manufac. prod. nec	71	—	—	—	0	4	66	—	—
Total waste and scrap nec	294	—	—	294	0	—	—	—	—
8900 waste and scrap nec	294	—	—	294	0	—	—	—	—
Ton-miles	146,850	43,575	32,680	12,556	23,709	18,541	76	15,179	535
Internal (x1000)									
Tons All Traffic (x1000)		54,890							
Ton-miles All Traffic (x1000)		4,185,586							
Total Trip-ton-miles Internal and Intraport (x1000)		1,730,965							

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
1999	332	2002	372	2005	457	2008	374
2000	364	2003	395	2006	418		
2001	450	2004	470	2007	451		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal
				Receipts	Shipments	Receipts	Shipments
Total, all commodities	374	2	372	222	74	36	39
Total chemicals and related products	29	---	29	---	---	---	29
Subtotal other chemicals and related products	29	---	29	---	---	---	29
3220 alcohols	29	---	29	---	---	---	29
Total crude materials, inedible except fuels	312	2	310	212	62	36	---
Subtotal forest products, wood and chips	312	2	310	212	62	36	---
4150 fuel wood	1	---	1	---	---	1	---
4161 wood chips	241	2	239	203	---	36	---
4170 wood in the rough	24	---	24	8	16	---	---
4189 lumber	47	---	47	1	46	---	---
Total primary manufactured goods	32	---	32	11	12	---	10
Subtotal lime, cement and glass	20	---	20	10	---	---	10
5220 cement & concrete	20	---	20	10	---	---	10
Subtotal primary iron and steel products	0	---	0	---	0	---	---
5360 i&s bars & shapes	0	---	0	---	0	---	---
Subtotal primary wood products	12	---	12	0	11	---	---
5540 primary wood prod.	12	---	12	0	11	---	---
Total all manufactured equipment, machinery and products	0	---	0	0	0	---	---
7110 machinery (not elec)	0	---	0	0	0	---	---
7900 manufac. prod. nec	0	---	0	---	0	---	---

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
1999	3,984	2002	4,706	2005	5,178	2008	5,867
2000	4,113	2003	5,025	2006	5,048		
2001	3,589	2004	4,800	2007	5,126		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
					Receipts	Shipments	Receipts	
Total, all commodities	5,867	1,407	3,168	72	1,221	459	199	563
Total petroleum and petroleum products	835	28	807	---	---	---	---	---
Subtotal petroleum products	835	28	807	---	---	---	---	---
2430 asphalt, tar & pitch	12	12	---	---	---	---	---	---
2540 petroleum coke	823	16	807	---	---	---	---	---
Total chemicals and related products	319	37	282	---	1	---	1	---
Subtotal fertilizers	164	1	163	---	---	---	---	---
3130 potassic fert.	163	---	163	---	---	---	---	---
3190 fert. & mixes nec	1	1	---	---	---	---	---	---
Subtotal other chemicals and related products	155	35	119	---	1	---	1	---
3219 other hydrocarbons	7	7	---	---	---	---	---	---
3274 sodium hydroxide	15	15	---	---	---	---	---	---
3276 metallic salts	125	6	119	---	---	---	---	---
3282 pigments & paints	0	0	---	---	---	---	---	---
3286 plastics	1	---	---	---	1	---	1	---
3299 chem. products nec	8	8	---	---	---	---	---	---
Total crude materials, inedible except fuels	4,238	1,226	1,830	---	1,182	449	171	563
Subtotal forest products, wood and chips	2,919	---	1,742	---	1,177	449	171	558
4161 wood chips	850	---	---	---	850	400	---	451
4170 wood in the rough	1,852	---	1,694	---	158	49	2	107
4189 lumber	217	---	48	---	169	---	169	---
Subtotal pulp and waste paper	9	---	9	---	---	---	---	---
4225 pulp & waste paper	9	---	9	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	628	606	17	---	5	---	---	5

PORT OF LONGVIEW, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
						Receipts	Shipments	Receipts
4323 gypsum	623	606	17	---	---	---	---	---
4331 sand & gravel	5	---	---	---	5	---	---	5
Subtotal non-ferrous ores and scrap	401	401	---	---	---	---	---	---
4650 aluminum ore	401	401	---	---	---	---	---	---
Subtotal sulphur, clay and salt	55	---	55	---	---	---	---	---
4782 clay & refrac. mat.	55	---	55	---	---	---	---	---
Subtotal other non-metal. min.	226	219	7	---	---	---	---	---
4900 non-metal. min. nec	226	219	7	---	---	---	---	---
Total primary manufactured goods	319	40	169	72	38	10	28	---
Subtotal paper products	179	---	165	---	14	---	14	---
5110 newsprint	165	---	165	---	---	---	---	---
5190 paper products nec	14	---	---	---	14	---	14	---
Subtotal lime, cement and glass	94	12	---	72	10	10	---	---
5220 cement & concrete	94	12	---	72	10	10	---	---
5290 misc. mineral prod.	0	0	---	---	---	---	---	---
Subtotal primary iron and steel products	35	24	3	---	8	---	8	---
5320 i&s primary forms	22	18	3	---	---	---	---	---
5360 i&s bars & shapes	9	0	---	---	8	---	8	---
5370 i&s pipe & tube	5	5	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	5	5	0	---	1	---	1	---
5480 fab. metal products	5	5	0	---	1	---	1	---
Subtotal primary wood products	5	---	---	---	5	---	5	---
5540 primary wood prod.	5	---	---	---	5	---	5	---
Total food and farm products	70	---	70	---	---	---	---	---
Subtotal grain	28	---	28	---	---	---	---	---
6241 wheat	28	---	28	---	---	---	---	---
Subtotal vegetable products	21	---	21	---	---	---	---	---
6654 vegetables & prod.	21	---	21	---	---	---	---	---
Subtotal processed grain and animal feed	8	---	8	---	---	---	---	---
6782 animal feed, prep.	8	---	8	---	---	---	---	---
Subtotal other agricultural products	12	---	12	---	---	---	---	---
6889 food products nec	12	---	12	---	---	---	---	---
Total all manufactured equipment, machinery and products	82	71	10	---	0	0	0	---
7110 machinery (not elec)	31	30	1	---	0	0	---	---
7120 electrical machinery	25	24	0	---	---	---	---	---
7210 vehicles & parts	9	1	9	---	---	---	---	---
7220 aircraft & parts	0	0	---	---	---	---	---	---
7230 ships & boats	0	---	---	---	0	---	0	---
7400 manufac. wood prod.	0	0	---	---	0	---	0	---
7600 rubber & plastic pr.	15	15	---	---	---	---	---	---
7900 manufac. prod. nec	2	1	---	---	0	---	0	---
Total unknown or not elsewhere classified	4	4	---	---	---	---	---	---
9900 unknown or nec	4	4	---	---	---	---	---	---

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
1999	6,956	2002	6,386	2005	10,318	2008	12,935
2000	5,791	2003	7,659	2006	9,124		
2001	6,640	2004	10,116	2007	10,400		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise	Receipts	Shipments	Intraport
Total, all commodities	12,935	615	11,822	20	479	8	420	43	8
Total chemicals and related products	59	30	30	---	---	---	---	---	---
Subtotal other chemicals and related products	59	30	30	---	---	---	---	---	---
3212 benzene & toluene	30	30	---	---	---	---	---	---	---
3276 metallic salts	13	---	13	---	---	---	---	---	---
3292 starches, gluten, glue	16	---	16	---	---	---	---	---	---
Total crude materials, inedible except fuels	30	---	8	---	22	8	7	7	---
Subtotal forest products, wood and chips	24	---	2	---	22	8	7	7	---
4170 wood in the rough	22	---	---	---	22	8	7	7	---
4189 lumber	2	---	2	---	---	---	---	---	---
Subtotal sulphur, clay and salt	6	---	6	---	---	---	---	---	---
4782 clay & refrac. mat.	6	---	6	---	---	---	---	---	---
Total primary manufactured goods	578	578	0	---	---	---	---	---	---
Subtotal lime, cement and glass	2	2	---	---	---	---	---	---	---
5240 glass & glass prod.	0	0	---	---	---	---	---	---	---
5290 misc. mineral prod.	2	2	---	---	---	---	---	---	---
Subtotal primary iron and steel products	573	573	---	---	---	---	---	---	---
5320 i&s primary forms	257	257	---	---	---	---	---	---	---
5330 i&s plates & sheets	316	316	---	---	---	---	---	---	---
5360 i&s bars & shapes	0	0	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	3	3	---	---	---	---	---	---	---
5421 copper	1	1	---	---	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---	---
5480 fab. metal products	2	2	---	---	---	---	---	---	---
Subtotal primary wood products	0	---	0	---	---	---	---	---	---
5540 primary wood prod.	0	---	0	---	---	---	---	---	---
Total food and farm products	12,266	7	11,783	20	456	---	413	36	8
Subtotal grain	7,023	7	6,548	20	449	---	413	36	---
6241 wheat	2,579	---	2,136	20	424	---	388	36	---
6344 corn	4,283	---	4,267	---	16	---	16	---	---
6443 barley & rye	92	---	83	---	9	---	9	---	---
6445 oats	7	7	---	---	---	---	---	---	---
6447 sorghum grains	61	---	61	---	---	---	---	---	---
Subtotal oilseeds	5,082	---	5,075	---	8	---	---	---	8
6522 soybeans	5,082	---	5,075	---	8	---	---	---	8
Subtotal processed grain and animal feed	161	---	161	---	---	---	---	---	---
6782 animal feed, prep.	161	---	161	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	1	0	1	---	---	---	---	---	---
7110 machinery (not elec)	0	0	0	---	---	---	---	---	---
7210 vehicles & parts	1	---	1	---	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---	---	---
7600 rubber & plastic pr.	0	---	0	---	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---	---

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
1999	1,203	2002	1,305	2005	1,434	2008	1,241
2000	1,400	2003	1,558	2006	1,691		
2001	1,621	2004	1,666	2007	1,694		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Shipments	Internal		
			Upbound	Upbound	Downbnd
Total, all commodities	1,241	7	168	143	923
Total chemicals and related products	7	7	—	—	—
Subtotal other chemicals and related products	7	7	—	—	—
3220 alcohols	7	7	—	—	—
Total crude materials, inedible except fuels	1,234	—	168	143	923
Subtotal forest products, wood and chips	13	—	13	—	—
4170 wood in the rough	13	—	13	—	—
Subtotal soil, sand, gravel, rock and stone	1,221	—	155	143	923
4331 sand & gravel	1,221	—	155	143	923
Ton-miles (x1000)	5,463	7	324	3,287	1,846

Tons All Traffic (x1000) 1,241
Ton-miles All Traffic (x1000) 5,463
Total Trip-ton-miles Internal and Intraport (x1000) 29,681

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
1999	3,717	2002	3,422	2005	2,743	2008	3,434
2000	3,667	2003	3,542	2006	3,286		
2001	3,589	2004	3,741	2007	3,618		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound		Inbound	Total	Internal
				Upbound		Upbound	Downbnd
Total, all commodities	3,434	1,808	1,304	1	322	316	6
Total coal	0	0	—	—	—	—	—
1100 coal & lignite	0	0	—	—	—	—	—
Total petroleum and petroleum products	1	0	0	—	—	—	—
Subtotal petroleum products	1	0	0	—	—	—	—
2211 gasoline	0	0	—	—	—	—	—
2330 distillate fuel oil	0	0	0	—	—	—	—
2350 lube oil & greases	0	0	0	—	—	—	—
2410 petro. jelly & waxes	0	0	—	—	—	—	—
2429 naphtha & solvents	0	0	0	—	—	—	—
2540 petroleum coke	0	—	0	—	—	—	—
Total chemicals and related products	90	53	36	—	—	—	—
Subtotal fertilizers	3	3	0	—	—	—	—
3110 nitrogenous fert.	2	2	—	—	—	—	—
3130 potassic fert.	0	0	—	—	—	—	—
3190 fert. & mixes nec	2	2	0	—	—	—	—
Subtotal other chemicals and related products	86	50	36	—	—	—	—
3219 other hydrocarbons	0	0	—	—	—	—	—
3220 alcohols	1	1	0	—	—	—	—
3230 carboxylic acids	7	3	4	—	—	—	—
3240 nitrogen func. comp.	2	1	0	—	—	—	—
3250 organo - inorg. comp.	1	1	0	—	—	—	—
3260 organic comp. nec	3	2	2	—	—	—	—
3272 sulphuric acid	0	0	—	—	—	—	—
3273 ammonia	0	0	0	—	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	5	4	0	—	—	—	—
3276 metallic salts	11	10	0	—	—	—	—
3279 inorganic chem. nec	1	1	0	—	—	—	—
3281 radioactive material	0	0	—	—	—	—	—
3282 pigments & paints	1	0	0	—	—	—	—
3283 coloring mat. nec	2	2	—	—	—	—	—

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
						Inbound Upbound	Outbound Downbnd
3284 medicines	1	1	0	—	—	—	—
3285 perfumes & cleansers	4	3	0	—	—	—	—
3286 plastics	38	12	26	—	—	—	—
3291 pesticides	0	0	0	—	—	—	—
3292 starches, gluten, glue	4	3	1	—	—	—	—
3293 explosives	2	1	1	—	—	—	—
3297 chemical additives	1	1	0	—	—	—	—
3298 wood & resin chem.	1	1	—	—	—	—	—
3299 chem. products nec	2	1	0	—	—	—	—
Total crude materials, inedible except fuels	389	36	282	—	71	69	1
Subtotal forest products, wood and chips	150	24	126	—	—	—	—
4110 rubber & gums	5	0	5	—	—	—	—
4150 fuel wood	1	1	—	—	—	—	—
4161 wood chips	0	0	—	—	—	—	—
4170 wood in the rough	61	0	61	—	—	—	—
4189 lumber	83	23	60	—	—	—	—
4190 forest products nec	1	1	0	—	—	—	—
Subtotal pulp and waste paper	56	1	55	—	0	0	—
4225 pulp & waste paper	56	1	55	—	0	0	—
Subtotal soil, sand, gravel, rock and stone	69	8	0	—	61	61	—
4310 building stone	7	7	—	—	—	—	—
4322 limestone	0	0	—	—	—	—	—
4323 gypsum	0	0	—	—	—	—	—
4331 sand & gravel	61	1	0	—	61	61	—
Subtotal iron ore and scrap	66	1	59	—	7	6	1
4420 iron & steel scrap	66	1	59	—	7	6	1
Subtotal marine shells	0	—	0	—	—	—	—
4515 marine shells	0	—	0	—	—	—	—
Subtotal non-ferrous ores and scrap	28	1	27	—	—	—	—
4650 aluminum ore	1	1	0	—	—	—	—
4680 non-ferrous scrap	27	0	27	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—
Subtotal sulphur, clay and salt	6	1	3	—	3	3	—
4741 sulphur, (dry)	0	0	—	—	—	—	—
4782 clay & refrac. mat.	6	0	3	—	3	3	—
Subtotal other non-metal. min.	13	1	12	—	—	—	—
4900 non-metal. min. nec	13	1	12	—	—	—	—
Total primary manufactured goods	1,295	997	256	—	42	42	—
Subtotal paper products	190	26	122	—	42	42	—
5110 newsprint	26	0	26	—	—	—	—
5120 paper & paperboard	109	17	93	—	—	—	—
5190 paper products nec	55	9	3	—	42	42	—
Subtotal lime, cement and glass	67	57	10	—	—	—	—
5220 cement & concrete	0	0	0	—	—	—	—
5240 glass & glass prod.	18	18	0	—	—	—	—
5290 misc. mineral prod.	48	39	10	—	—	—	—
Subtotal primary iron and steel products	820	806	14	—	—	—	—
5312 pig iron	1	0	0	—	—	—	—
5315 ferro alloys	3	3	—	—	—	—	—
5320 i&s primary forms	785	778	7	—	—	—	—
5330 i&s plates & sheets	3	1	2	—	—	—	—
5360 i&s bars & shapes	1	1	1	—	—	—	—
5370 i&s pipe & tube	20	19	1	—	—	—	—
5390 primary i&s nec	7	5	2	—	—	—	—
Subtotal primary non-ferrous metal products	184	84	100	—	—	—	—
5421 copper	1	1	0	—	—	—	—
5422 aluminum	2	2	1	—	—	—	—
5429 smelted prod. nec	91	2	89	—	—	—	—
5480 fab. metal products	90	80	10	—	—	—	—
Subtotal primary wood products	34	24	10	—	—	—	—
5540 primary wood prod.	34	24	10	—	—	—	—
Total food and farm products	909	76	695	1	138	138	—
Subtotal fish	21	2	17	1	2	2	—
6134 fish (not shellfish)	19	0	17	1	2	2	—
6136 shellfish	1	1	0	—	—	—	—
Subtotal grain	94	1	76	—	17	17	—
6241 wheat	35	—	20	—	15	15	—
6344 corn	55	0	55	—	—	—	—
6442 rice	1	1	—	—	—	—	—
6443 barley & rye	4	—	2	—	2	2	—
6445 oats	0	—	0	—	—	—	—
Subtotal oilseeds	3	3	0	—	—	—	—
6522 soybeans	2	2	—	—	—	—	—
6534 flaxseed	0	0	—	—	—	—	—

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
						Inbound Upbound	Outbound Downbnd
6590 oilseeds nec	1	0	0	—	—	—	—
Subtotal vegetable products	205	23	120	0	62	62	—
6653 vegetable oils	4	4	0	—	—	—	—
6654 vegetables & prod.	201	20	120	0	62	62	—
Subtotal processed grain and animal feed	387	2	343	—	42	42	—
6746 wheat flour	0	0	—	—	—	—	—
6747 grain mill products	22	1	21	—	—	—	—
6781 hay & fodder	355	0	313	—	42	42	—
6782 animal feed, prep.	9	0	9	—	—	—	—
Subtotal other agricultural products	200	46	138	—	15	15	—
6811 meat, fresh, frozen	1	0	1	—	—	—	—
6817 meat, prepared	0	0	0	—	—	—	—
6822 dairy products	22	0	22	—	—	—	—
6835 fish, prepared	1	0	1	—	—	—	—
6838 tallow, animal oils	0	0	0	—	—	—	—
6839 animals & prod. nec	9	0	9	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—
6857 fruit & nuts nec	33	3	30	—	—	—	—
6858 fruit juices	13	7	5	—	—	—	—
6861 sugar	0	0	—	—	—	—	—
6871 coffee	11	11	0	—	—	—	—
6872 cocoa beans	0	0	0	—	—	—	—
6885 alcoholic beverages	17	16	1	—	—	—	—
6887 groceries	15	—	—	—	15	15	—
6888 water & ice	1	1	—	—	—	—	—
6889 food products nec	12	5	6	—	—	—	—
6893 cotton	0	0	—	—	—	—	—
6894 natural fibers nec	1	1	—	—	—	—	—
6899 farm products nec	64	1	63	—	—	—	—
Total all manufactured equipment, machinery and products	726	626	29	0	70	66	4
7110 machinery (not elec)	43	32	11	—	—	—	—
7120 electrical machinery	31	28	3	—	—	—	—
7210 vehicles & parts	300	297	3	—	—	—	—
7220 aircraft & parts	1	0	0	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7400 manufac. wood prod.	22	21	2	—	—	—	—
7500 textile products	31	30	1	0	—	—	—
7600 rubber & plastic pr.	70	67	3	—	—	—	—
7900 manufac. prod. nec	227	151	5	0	70	66	4
Total waste and scrap nec	0	—	—	—	0	0	—
8900 waste and scrap nec	0	—	—	—	0	0	—
Total unknown or not elsewhere classified	25	18	7	—	—	—	—
9900 unknown or nec	25	18	7	—	—	—	—

Tons All Traffic (x1000) 3,434
Total Trip-ton-miles Internal and Intraport (x1000) 76,914

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
1999	7,825	2002	6,610	2005	6,266	2008	7,937
2000	7,653	2003	6,631	2006	8,049		
2001	7,039	2004	6,973	2007	9,708		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	6,053	941	5,052	46	13
Total petroleum and petroleum products	56	56	—	—	—
Subtotal petroleum products	56	56	—	—	—
2211 gasoline	52	52	—	—	—
2221 kerosene	2	2	—	—	—
2330 distillate fuel oil	1	1	—	—	—
Total chemicals and related products	884	579	305	—	—
Subtotal fertilizers	70	24	47	—	—
3110 nitrogenous fert.	22	22	—	—	—

PORT OF VANCOUVER, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3130 potassic fert.	47	—	47	—	—
3190 fert. & mixes nec	1	1	—	—	—
Subtotal other chemicals and related products	814	556	258	—	—
3212 benzene & toluene	22	22	—	—	—
3219 other hydrocarbons	2	2	—	—	—
3220 alcohols	161	161	—	—	—
3274 sodium hydroxide	357	357	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	—	—	—
3276 metallic salts	161	11	150	—	—
3283 coloring mat. nec	0	0	—	—	—
3286 plastics	0	0	—	—	—
3292 starches, gluten, glue	109	—	109	—	—
3299 chem. products nec	0	0	—	—	—
Total crude materials, inedible except fuels	780	25	741	—	13
Subtotal forest products, wood and chips	6	—	6	—	—
4189 lumber	6	—	6	—	—
Subtotal pulp and waste paper	25	12	—	—	13
4225 pulp & waste paper	25	12	—	—	13
Subtotal iron ore and scrap	226	—	226	—	—
4420 iron & steel scrap	226	—	226	—	—
Subtotal non-ferrous ores and scrap	384	13	371	—	—
4630 copper ore	371	—	371	—	—
4650 aluminum ore	13	13	—	—	—
Subtotal sulphur, clay and salt	138	—	138	—	—
4782 clay & refrac. mat.	138	—	138	—	—
Total primary manufactured goods	293	174	73	46	—
Subtotal lime, cement and glass	46	0	—	46	—
5220 cement & concrete	46	—	—	46	—
5290 misc. mineral prod.	0	0	—	—	—
Subtotal primary iron and steel products	174	162	13	—	—
5315 ferro alloys	5	5	—	—	—
5320 i&s primary forms	64	64	1	—	—
5330 i&s plates & sheets	25	15	10	—	—
5360 i&s bars & shapes	14	12	2	—	—
5370 i&s pipe & tube	66	66	—	—	—
Subtotal primary non-ferrous metal products	72	12	60	—	—
5422 aluminum	3	3	—	—	—
5429 smelted prod. nec	60	0	60	—	—
5480 fab. metal products	9	9	0	—	—
Subtotal primary wood products	0	—	0	—	—
5540 primary wood prod.	0	—	0	—	—
Total food and farm products	3,908	0	3,908	—	—
Subtotal grain	3,806	—	3,806	—	—
6241 wheat	3,732	—	3,732	—	—
6344 corn	56	—	56	—	—
6443 barley & rye	19	—	19	—	—
Subtotal oilseeds	66	—	66	—	—
6522 soybeans	66	—	66	—	—
Subtotal vegetable products	0	0	—	—	—
6653 vegetable oils	0	0	—	—	—
Subtotal processed grain and animal feed	30	—	30	—	—
6747 grain mill products	30	—	30	—	—
6782 animal feed, prep.	0	—	0	—	—
Subtotal other agricultural products	6	—	6	—	—
6889 food products nec	6	—	6	—	—
Total all manufactured equipment, machinery and products	114	88	25	—	—
7110 machinery (not elec)	29	11	17	—	—
7120 electrical machinery	9	9	—	—	—
7210 vehicles & parts	74	66	8	—	—
7230 ships & boats	0	—	0	—	—
7600 rubber & plastic pr.	2	2	—	—	—
7900 manufac. prod. nec	0	0	0	—	—
Total unknown or not elsewhere classified	19	19	0	—	—
9900 unknown or nec	19	19	0	—	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	1,884	68	15	1,087	712
Total petroleum and petroleum products	290	68	15	3	203
Subtotal petroleum products	290	68	15	3	203
2211 gasoline	118	25	—	2	90
2330 distillate fuel oil	73	43	—	—	30
2340 residual fuel oil	99	—	15	1	83

PORT OF VANCOUVER, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total chemicals and related products	13	—	—	2	11
Subtotal fertilizers	13	—	—	2	11
3110 nitrogenous fert.	13	—	—	2	11
Total crude materials, inedible except fuels	204	—	—	—	204
Subtotal soil, sand, gravel, rock and stone	204	—	—	—	204
4331 sand & gravel	204	—	—	—	204
Total food and farm products	1,083	—	—	1,083	—
Subtotal grain	1,083	—	—	1,083	—
6241 wheat	1,079	—	—	1,079	—
6344 corn	3	—	—	3	—
Total waste and scrap nec	294	—	—	—	294
8900 waste and scrap nec	294	—	—	—	294

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
1999	9,396	2002	7,990	2005	9,926	2008	8,267
2000	10,672	2003	9,429	2006	10,169		
2001	9,793	2004	9,763	2007	10,993		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	8,267	642	30	106	498	2,236	4,526	135	96
Total petroleum and petroleum products	1,847	---	---	---	---	1,845	2	---	---
Subtotal petroleum products	1,847	---	---	---	---	1,845	2	---	---
2211 gasoline	806	---	---	---	---	806	---	---	---
2330 distillate fuel oil	613	---	---	---	---	611	2	---	---
2340 residual fuel oil	428	---	---	---	---	428	---	---	---
Total chemicals and related products	163	---	---	---	---	66	97	---	---
Subtotal fertilizers	68	---	---	---	---	66	2	---	---
3110 nitrogenous fert.	68	---	---	---	---	66	2	---	---
Subtotal other chemicals and related products	96	---	---	---	---	---	96	---	---
3220 alcohols	96	---	---	---	---	---	96	---	---
Total crude materials, inedible except fuels	2,184	642	24	106	427	26	729	134	95
Subtotal forest products, wood and chips	737	34	9	106	427	26	19	25	91
4150 fuel wood	38	---	---	37	1	1	---	---	---
4161 wood chips	509	10	9	60	309	25	19	11	65
4170 wood in the rough	190	24	---	9	117	---	---	14	26
Subtotal pulp and waste paper	0	---	---	---	---	---	0	---	---
4225 pulp & waste paper	0	---	---	---	---	---	0	---	---
Subtotal soil, sand, gravel, rock and stone	1,406	608	15	---	---	---	669	109	4
4331 sand & gravel	1,406	608	15	---	---	---	669	109	4
Subtotal iron ore and scrap	38	---	---	---	---	---	38	---	---
4420 iron & steel scrap	38	---	---	---	---	---	38	---	---
Subtotal sulphur, clay and salt	3	---	---	---	---	---	3	---	---
4782 clay & refrac. mat.	3	---	---	---	---	---	3	---	---
Total primary manufactured goods	42	---	---	---	---	---	42	---	---
Subtotal paper products	42	---	---	---	---	---	42	---	---
5190 paper products nec	42	---	---	---	---	---	42	---	---
Total food and farm products	3,661	---	1	---	71	---	3,589	---	---
Subtotal fish	2	---	1	---	---	---	2	---	---
6134 fish (not shellfish)	2	---	1	---	---	---	2	---	---
Subtotal grain	3,539	---	---	---	71	---	3,468	---	---
6241 wheat	3,354	---	---	---	71	---	3,284	---	---
6344 corn	16	---	---	---	---	---	16	---	---
6443 barley & rye	168	---	---	---	---	---	168	---	---
Subtotal vegetable products	62	---	---	---	---	---	62	---	---
6654 vegetables & prod.	62	---	---	---	---	---	62	---	---
Subtotal processed grain and animal feed	42	---	---	---	---	---	42	---	---
6781 hay & fodder	42	---	---	---	---	---	42	---	---
Subtotal other agricultural products	15	---	---	---	---	---	15	---	---
6887 groceries	15	---	---	---	---	---	15	---	---
Total all manufactured equipment, machinery and products	76	---	5	---	---	5	66	0	0
7110 machinery (not elec)	1	---	---	---	---	---	---	0	0
7900 manufac. prod. nec	75	---	5	---	---	5	66	---	---
Total waste and scrap nec	294	---	---	---	---	294	---	---	---
8900 waste and scrap nec	294	---	---	---	---	294	---	---	---
Ton-miles (x1000)	626,611	8,276	2,177	3,959	33,841	190,045	384,688	239	3,386

Tons All Traffic (x1000) 8,267
 Ton-miles All Traffic (x1000) 626,611
 Total Trip-ton-miles Internal and Intraport (x1000) 1,728,429

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
1999	8,700	2002	7,262	2005	8,629	2008	6,923
2000	9,776	2003	8,531	2006	8,934		
2001	8,873	2004	8,874	2007	9,316		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	6,923	648	2	24	1,406	1,694	3,149
Total petroleum and petroleum products	1,847	327	---	---	---	1,518	2
Subtotal petroleum products	1,847	327	---	---	---	1,518	2
2211 gasoline	806	---	---	---	---	806	---
2330 distillate fuel oil	613	180	---	---	---	432	2
2340 residual fuel oil	428	147	---	---	---	280	---
Total chemicals and related products	163	25	---	---	96	41	2
Subtotal fertilizers	68	25	---	---	---	41	2
3110 nitrogenous fert.	68	25	---	---	---	41	2
Subtotal other chemicals and related products	96	---	---	---	96	---	---
3220 alcohols	96	---	---	---	96	---	---
Total crude materials, inedible except fuels	909	---	---	24	700	132	53
Subtotal forest products, wood and chips	184	---	---	24	16	132	12
4150 fuel wood	38	---	---	---	---	38	---
4161 wood chips	137	---	---	24	16	85	12
4170 wood in the rough	9	---	---	---	---	9	---
Subtotal pulp and waste paper	0	---	---	---	---	---	0
4225 pulp & waste paper	0	---	---	---	---	---	0
Subtotal soil, sand, gravel, rock and stone	684	---	---	---	684	---	---
4331 sand & gravel	684	---	---	---	684	---	---
Subtotal iron ore and scrap	38	---	---	---	---	---	38
4420 iron & steel scrap	38	---	---	---	---	---	38
Subtotal sulphur, clay and salt	3	---	---	---	---	---	3
4782 clay & refrac. mat.	3	---	---	---	---	---	3
Total primary manufactured goods	42	---	---	---	---	---	42
Subtotal paper products	42	---	---	---	---	---	42
5190 paper products nec	42	---	---	---	---	---	42
Total food and farm products	3,590	---	---	---	577	---	3,013
Subtotal fish	2	---	---	---	2	---	1
6134 fish (not shellfish)	2	---	---	---	2	---	1
Subtotal grain	3,468	---	---	---	531	---	2,937
6241 wheat	3,284	---	---	---	522	---	2,762
6344 corn	16	---	---	---	---	---	16
6443 barley & rye	168	---	---	---	9	---	159
Subtotal vegetable products	62	---	---	---	12	---	50
6654 vegetables & prod.	62	---	---	---	12	---	50
Subtotal processed grain and animal feed	42	---	---	---	22	---	20
6781 hay & fodder	42	---	---	---	22	---	20
Subtotal other agricultural products	15	---	---	---	10	---	5
6887 groceries	15	---	---	---	10	---	5
Total all manufactured equipment, machinery and products	77	2	2	---	33	2	37
7900 manufac. prod. nec	77	2	2	---	33	2	37
Total waste and scrap nec	294	294	---	---	---	---	---
8900 waste and scrap nec	294	294	---	---	---	---	---
Ton-miles (x1000)	581,433	57,584	99	485	48,681	165,988	308,596

Tons All Traffic (x1000) 6,923
 Ton-miles All Traffic (x1000) 581,433
 Total Trip-ton-miles Internal and Intraport (x1000) 1,651,730

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
1999	29,339	2002	26,635	2005	28,127	2008	26,668
2000	34,314	2003	26,796	2006	28,472		
2001	31,339	2004	29,993	2007	31,119		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	17,923	3,544	13,805	571	3
Total coal	0	0	—	—	—
1100 coal & lignite	0	0	—	—	—
Total petroleum and petroleum products	179	122	0	57	—
Subtotal petroleum products	179	122	0	57	—
2211 gasoline	103	90	—	13	—
2330 distillate fuel oil	37	0	0	37	—
2340 residual fuel oil	8	—	—	8	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	0	0	0	—	—
2430 asphalt, tar & pitch	27	27	—	—	—
2540 petroleum coke	4	4	0	—	—
Total chemicals and related products	6,072	340	5,729	—	3
Subtotal fertilizers	3,231	183	3,048	—	—
3110 nitrogenous fert.	181	181	—	—	—
3130 potassic fert.	3,048	0	3,048	—	—
3190 fert. & mixes nec	2	2	0	—	—
Subtotal other chemicals and related products	2,841	157	2,681	—	3
3219 other hydrocarbons	0	0	—	—	—
3220 alcohols	1	1	0	—	—
3230 carboxylic acids	7	3	4	—	—
3240 nitrogen func. comp.	2	1	0	—	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	3	2	2	—	—
3272 sulphuric acid	0	0	—	—	—
3273 ammonia	106	106	0	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	13	4	8	—	—
3276 metallic salts	2,116	10	2,102	—	3
3279 inorganic chem. nec	1	1	0	—	—
3281 radioactive material	0	0	—	—	—
3282 pigments & paints	1	0	0	—	—
3283 coloring mat. nec	2	2	—	—	—
3284 medicines	1	1	0	—	—
3285 perfumes & cleansers	4	3	0	—	—
3286 plastics	38	12	27	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	539	3	536	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	1	1	0	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	2	1	0	—	—
Total crude materials, inedible except fuels	1,363	38	817	508	—
Subtotal forest products, wood and chips	153	26	127	—	—
4110 rubber & gums	5	0	5	—	—
4150 fuel wood	1	1	—	—	—
4161 wood chips	0	0	—	—	—
4170 wood in the rough	61	0	61	—	—
4189 lumber	86	24	61	—	—
4190 forest products nec	1	1	0	—	—
Subtotal pulp and waste paper	58	1	58	—	—
4225 pulp & waste paper	58	1	58	—	—
Subtotal soil, sand, gravel, rock and stone	410	8	0	401	—
4310 building stone	7	7	—	—	—
4322 limestone	388	0	—	388	—
4323 gypsum	0	0	—	—	—
4331 sand & gravel	15	1	0	14	—
Subtotal iron ore and scrap	628	1	521	107	—
4420 iron & steel scrap	628	1	521	107	—
Subtotal marine shells	0	—	0	—	—
4515 marine shells	0	—	0	—	—
Subtotal non-ferrous ores and scrap	39	1	39	—	—
4630 copper ore	12	—	12	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4650 aluminum ore	1	1	0	—	—
4680 non-ferrous scrap	27	0	27	—	—
4690 non-ferrous ores nec	0	—	0	—	—
Subtotal sulphur, clay and salt	61	1	60	—	—
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	60	0	60	—	—
Subtotal other non-metal. min.	13	1	12	—	—
4900 non-metal. min. nec	13	1	12	—	—
Total primary manufactured goods	2,247	1,926	317	4	—
Subtotal paper products	158	26	132	—	—
5110 newsprint	36	0	36	—	—
5120 paper & paperboard	110	17	93	—	—
5190 paper products nec	13	9	3	—	—
Subtotal lime, cement and glass	834	824	10	—	—
5220 cement & concrete	767	767	0	—	—
5240 glass & glass prod.	18	18	0	—	—
5290 misc. mineral prod.	48	39	10	—	—
Subtotal primary iron and steel products	956	943	14	—	—
5312 pig iron	1	0	0	—	—
5315 ferro alloys	20	20	—	—	—
5320 i&s primary forms	794	787	7	—	—
5330 i&s plates & sheets	4	2	2	—	—
5360 i&s bars & shapes	1	1	1	—	—
5370 i&s pipe & tube	38	37	1	—	—
5390 primary i&s nec	99	97	2	—	—
Subtotal primary non-ferrous metal products	263	108	152	4	—
5421 copper	1	1	0	—	—
5422 aluminum	6	3	3	—	—
5429 smelted prod. nec	144	2	139	4	—
5480 fab. metal products	113	102	10	—	—
Subtotal primary wood products	36	26	10	—	—
5540 primary wood prod.	36	26	10	—	—
Total food and farm products	6,976	77	6,896	2	—
Subtotal fish	19	2	17	1	—
6134 fish (not shellfish)	18	0	17	1	—
6136 shellfish	1	1	0	—	—
Subtotal grain	6,260	1	6,257	2	—
6241 wheat	5,248	—	5,247	2	—
6344 corn	640	0	640	—	—
6442 rice	1	1	—	—	—
6443 barley & rye	371	—	371	—	—
6445 oats	0	—	0	—	—
Subtotal oilseeds	3	3	0	—	—
6522 soybeans	2	2	—	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	1	0	0	—	—
Subtotal vegetable products	144	23	120	0	—
6653 vegetable oils	4	4	0	—	—
6654 vegetables & prod.	140	20	120	0	—
Subtotal processed grain and animal feed	363	2	362	—	—
6746 wheat flour	0	0	—	—	—
6747 grain mill products	29	1	28	—	—
6781 hay & fodder	316	0	316	—	—
6782 animal feed, prep.	18	0	18	—	—
Subtotal other agricultural products	186	47	139	—	—
6811 meat, fresh, frozen	1	0	1	—	—
6817 meat, prepared	0	0	0	—	—
6822 dairy products	22	0	22	—	—
6835 fish, prepared	1	0	1	—	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	9	0	9	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	34	3	31	—	—
6858 fruit juices	13	7	5	—	—
6861 sugar	0	0	—	—	—
6871 coffee	11	11	0	—	—
6872 cocoa beans	0	0	0	—	—
6885 alcoholic beverages	17	17	1	—	—
6888 water & ice	1	1	—	—	—
6889 food products nec	12	5	6	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	1	1	—	—	—
6899 farm products nec	64	1	64	—	—
Total all manufactured equipment, machinery and products	1,056	1,018	38	0	—
7110 machinery (not elec)	47	35	12	—	—
7120 electrical machinery	32	28	4	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
7210 vehicles & parts	680	669	11	—	—
7220 aircraft & parts	1	0	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	35	34	2	—	—
7500 textile products	31	30	1	0	—
7600 rubber & plastic pr.	70	67	4	—	—
7900 manufac. prod. nec	160	154	5	0	—
Total unknown or not elsewhere classified	30	24	7	—	—
9900 unknown or nec	30	24	7	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	8,745	2,370	127	3,941	1,723	585
Total petroleum and petroleum products	4,280	2,370	126	53	1,696	34
Subtotal petroleum products	4,280	2,370	126	53	1,696	34
2211 gasoline	2,384	1,546	0	47	765	26
2330 distillate fuel oil	1,167	504	71	6	585	1
2340 residual fuel oil	577	174	50	—	346	6
2350 lube oil & greases	147	147	—	—	—	—
2429 naphtha & solvents	5	—	5	—	—	—
Total chemicals and related products	148	—	—	138	10	1
Subtotal fertilizers	13	—	—	3	10	—
3110 nitrogenous fert.	13	—	—	3	10	—
Subtotal other chemicals and related products	135	—	—	135	—	1
3220 alcohols	125	—	—	125	—	1
3298 wood & resin chem.	10	—	—	10	—	—
Total crude materials, inedible except fuels	1,947	—	—	1,437	10	500
Subtotal forest products, wood and chips	10	—	—	—	10	—
4150 fuel wood	1	—	—	—	1	—
4161 wood chips	9	—	—	—	9	—
Subtotal pulp and waste paper	0	—	—	0	—	—
4225 pulp & waste paper	0	—	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	1,895	—	—	1,397	—	499
4331 sand & gravel	1,895	—	—	1,397	—	499
Subtotal iron ore and scrap	39	—	—	38	—	1
4420 iron & steel scrap	39	—	—	38	—	1
Subtotal sulphur, clay and salt	3	—	—	3	—	—
4782 clay & refrac. mat.	3	—	—	3	—	—
Total primary manufactured goods	42	—	—	42	—	—
Subtotal paper products	42	—	—	42	—	—
5190 paper products nec	42	—	—	42	—	—
Total food and farm products	2,257	—	—	2,204	3	50
Subtotal fish	2	—	—	2	—	—
6134 fish (not shellfish)	2	—	—	2	—	—
Subtotal grain	2,136	—	—	2,083	3	50
6241 wheat	1,973	—	—	1,923	—	50
6344 corn	3	—	—	—	3	—
6443 barley & rye	159	—	—	159	—	—
Subtotal vegetable products	62	—	—	62	—	—
6654 vegetables & prod.	62	—	—	62	—	—
Subtotal processed grain and animal feed	42	—	—	42	—	—
6781 hay & fodder	42	—	—	42	—	—
Subtotal other agricultural products	15	—	—	15	—	—
6887 groceries	15	—	—	15	—	—
Total all manufactured equipment, machinery and products	71	—	1	66	5	—
7900 manufac. prod. nec	71	—	1	66	5	—
Total waste and scrap nec	0	—	—	0	—	—
8900 waste and scrap nec	0	—	—	0	—	—

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
1999	748	2002	1,623	2005	1,575	2008	1,161
2000	872	2003	1,261	2006	1,558		
2001	1,601	2004	1,503	2007	1,585		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	1,161	662	499
Total crude materials, inedible except fuels	1,161	662	499
Subtotal soil, sand, gravel, rock and stone	1,161	662	499
4331 sand & gravel	1,161	662	499
Tons All Traffic (x1000)	1,161		
Total Trip-ton-miles Internal and Intraport (x1000)	77,956		

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
1999	2,631	2002	1,707	2005	2,244	2008	1,733
2000	2,210	2003	1,883	2006	2,144		
2001	1,704	2004	1,987	2007	1,934		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian Inbound	Domestic		
				Total	Coastwise	
					Receipts	Shipments
Total, all commodities	1,733	1,395	78	260	24	236
Total chemicals and related products	3	3	---	---	---	---
Subtotal other chemicals and related products	3	3	---	---	---	---
3286 plastics	3	3	---	---	---	---
Total crude materials, inedible except fuels	1,728	1,392	78	258	24	234
Subtotal forest products, wood and chips	1,728	1,392	78	258	24	234
4161 wood chips	1,488	1,392	---	96	---	96
4170 wood in the rough	166	---	78	88	24	64
4189 lumber	74	---	---	74	---	74
Total primary manufactured goods	2	---	---	2	---	2
Subtotal primary wood products	2	---	---	2	---	2
5540 primary wood prod.	2	---	---	2	---	2

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
1999	51,766	2002	45,982	2005	52,296	2008	55,286
2000	56,159	2003	47,747	2006	53,009		
2001	51,410	2004	54,390	2007	58,871		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	41,082	6,508	33,847	710	16
Total coal	0	0	---	---	---
1100 coal & lignite	0	0	---	---	---
Total petroleum and petroleum products	1,070	206	807	57	---
Subtotal petroleum products	1,070	206	807	57	---
2211 gasoline	155	142	---	13	---
2221 kerosene	2	2	---	---	---
2330 distillate fuel oil	38	1	0	37	---
2340 residual fuel oil	8	---	---	8	---
2350 lube oil & greases	0	0	0	---	---
2410 petro. jelly & waxes	0	0	---	---	---

COLUMBIA RIVER SYSTEM
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
2429 naphtha & solvents	0	0	0	—	—
2430 asphalt, tar & pitch	39	39	—	—	—
2540 petroleum coke	827	21	807	—	—
Total chemicals and related products	7,334	985	6,346	—	3
Subtotal fertilizers	3,466	208	3,258	—	—
3110 nitrogenous fert.	204	204	—	—	—
3130 potassic fert.	3,258	0	3,258	—	—
3190 fert. & mixes nec	4	4	0	—	—
Subtotal other chemicals and related products	3,869	777	3,088	—	3
3212 benzene & toluene	52	52	—	—	—
3219 other hydrocarbons	9	9	—	—	—
3220 alcohols	162	162	0	—	—
3230 carboxylic acids	7	3	4	—	—
3240 nitrogen func. comp.	2	1	0	—	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	3	2	2	—	—
3272 sulphuric acid	0	0	—	—	—
3273 ammonia	106	106	0	—	—
3274 sodium hydroxide	372	372	0	—	—
3275 inorg. elem., oxides, & halogen salts	13	5	8	—	—
3276 metallic salts	2,415	28	2,384	—	3
3279 inorganic chem. nec	1	1	0	—	—
3281 radioactive material	0	0	—	—	—
3282 pigments & paints	1	0	0	—	—
3283 coloring mat. nec	2	2	—	—	—
3284 medicines	1	1	0	—	—
3285 perfumes & cleansers	4	3	0	—	—
3286 plastics	39	12	27	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	664	3	661	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	1	1	0	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	10	9	0	—	—
Total crude materials, inedible except fuels	5,209	1,289	3,396	510	13
Subtotal forest products, wood and chips	1,905	26	1,877	2	—
4110 rubber & gums	5	0	5	—	—
4150 fuel wood	1	1	—	—	—
4161 wood chips	2	0	—	2	—
4170 wood in the rough	1,756	0	1,755	—	—
4189 lumber	141	24	117	—	—
4190 forest products nec	1	1	0	—	—
Subtotal pulp and waste paper	93	13	67	—	13
4225 pulp & waste paper	93	13	67	—	13
Subtotal soil, sand, gravel, rock and stone	1,033	614	17	401	—
4310 building stone	7	7	—	—	—
4322 limestone	388	0	—	388	—
4323 gypsum	623	606	17	—	—
4331 sand & gravel	15	1	0	14	—
Subtotal iron ore and scrap	854	1	747	107	—
4420 iron & steel scrap	854	1	747	107	—
Subtotal marine shells	0	—	0	—	—
4515 marine shells	0	—	0	—	—
Subtotal non-ferrous ores and scrap	825	414	410	—	—
4630 copper ore	383	—	383	—	—
4650 aluminum ore	414	414	0	—	—
4680 non-ferrous scrap	27	0	27	—	—
4690 non-ferrous ores nec	0	—	0	—	—
Subtotal sulphur, clay and salt	260	1	259	—	—
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	260	0	259	—	—
Subtotal other non-metal. min.	239	220	19	—	—
4900 non-metal. min. nec	239	220	19	—	—
Total primary manufactured goods	3,399	2,719	559	121	—
Subtotal paper products	323	26	297	—	—
5110 newsprint	201	0	201	—	—
5120 paper & paperboard	110	17	93	—	—
5190 paper products nec	13	9	3	—	—
Subtotal lime, cement and glass	965	838	10	118	—
5220 cement & concrete	897	779	0	118	—
5240 glass & glass prod.	18	18	0	—	—
5290 misc. mineral prod.	50	41	10	—	—
Subtotal primary iron and steel products	1,731	1,701	30	—	—
5312 pig iron	1	0	0	—	—
5315 ferro alloys	25	25	—	—	—
5320 i&s primary forms	1,137	1,126	11	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
5330 i&s plates & sheets	345	333	12	—	—
5360 i&s bars & shapes	16	13	3	—	—
5370 i&s pipe & tube	109	107	1	—	—
5390 primary i&s nec	99	97	2	—	—
Subtotal primary non-ferrous metal products	344	128	212	4	—
5421 copper	2	2	0	—	—
5422 aluminum	9	7	3	—	—
5429 smelted prod. nec	204	2	199	4	—
5480 fab. metal products	129	118	11	—	—
Subtotal primary wood products	36	26	10	—	—
5540 primary wood prod.	36	26	10	—	—
Total food and farm products	22,765	85	22,658	22	—
Subtotal fish	20	3	17	1	—
6134 fish (not shellfish)	19	2	17	1	—
6136 shellfish	1	1	0	—	—
Subtotal grain	16,668	7	16,640	21	—
6241 wheat	11,164	—	11,143	21	—
6344 corn	4,963	0	4,963	—	—
6442 rice	1	1	—	—	—
6443 barley & rye	473	—	473	—	—
6445 oats	7	7	0	—	—
6447 sorghum grains	61	—	61	—	—
Subtotal oilseeds	5,144	3	5,141	—	—
6522 soybeans	5,143	2	5,141	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	1	0	0	—	—
Subtotal vegetable products	165	23	142	0	—
6653 vegetable oils	4	4	0	—	—
6654 vegetables & prod.	161	20	142	0	—
Subtotal processed grain and animal feed	562	2	561	—	—
6746 wheat flour	0	0	—	—	—
6747 grain mill products	58	1	58	—	—
6781 hay & fodder	316	0	316	—	—
6782 animal feed, prep.	188	0	187	—	—
Subtotal other agricultural products	205	47	158	—	—
6811 meat, fresh, frozen	1	0	1	—	—
6817 meat, prepared	0	0	0	—	—
6822 dairy products	22	0	22	—	—
6835 fish, prepared	1	0	1	—	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	9	0	9	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	34	3	31	—	—
6858 fruit juices	13	7	5	—	—
6861 sugar	0	0	—	—	—
6871 coffee	11	11	0	—	—
6872 cocoa beans	0	0	0	—	—
6885 alcoholic beverages	17	17	1	—	—
6888 water & ice	1	1	—	—	—
6889 food products nec	30	5	25	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	1	1	—	—	—
6899 farm products nec	64	1	64	—	—
Total all manufactured equipment, machinery and products	1,253	1,178	75	0	—
7110 machinery (not elec)	107	77	30	—	—
7120 electrical machinery	65	61	4	—	—
7210 vehicles & parts	765	736	28	—	—
7220 aircraft & parts	1	0	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	35	34	2	—	—
7500 textile products	31	30	1	0	—
7600 rubber & plastic pr.	87	84	4	—	—
7900 manufac. prod. nec	161	156	5	0	—
Total unknown or not elsewhere classified	53	46	7	—	—
9900 unknown or nec	53	46	7	—	—
Ton-miles (x1000)	1,933,062	242,693	1,673,754	15,230	1,385
Foreign & Canadian					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	14,204	3,133	520	7,890	2,661
Total petroleum and petroleum products	4,516	2,439	142	1,922	13
Subtotal petroleum products	4,516	2,439	142	1,922	13
2211 gasoline	2,453	1,571	0	870	11

COLUMBIA RIVER SYSTEM
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
2330 distillate fuel oil	1,237	547	71	617	1
2340 residual fuel oil	675	174	66	435	0
2350 lube oil & greases	147	147	—	—	—
2429 naphtha & solvents	5	—	5	—	—
Total chemicals and related products	226	5	15	204	2
Subtotal fertilizers	71	—	—	69	2
3110 nitrogenous fert.	71	—	—	69	2
Subtotal other chemicals and related products	156	5	15	135	—
3220 alcohols	140	—	15	125	—
3286 plastics	1	—	1	—	—
3298 wood & resin chem.	15	5	—	10	—
Total crude materials, inedible except fuels	5,219	669	323	3,115	1,113
Subtotal forest products, wood and chips	1,933	669	323	394	548
4150 fuel wood	40	—	—	40	1
4161 wood chips	1,296	603	—	292	402
4170 wood in the rough	290	65	17	63	145
4189 lumber	306	1	306	—	—
Subtotal pulp and waste paper	0	—	—	0	—
4225 pulp & waste paper	0	—	—	0	—
Subtotal soil, sand, gravel, rock and stone	3,243	—	—	2,679	565
4331 sand & gravel	3,243	—	—	2,679	565
Subtotal iron ore and scrap	39	—	—	39	—
4420 iron & steel scrap	39	—	—	39	—
Subtotal sulphur, clay and salt	3	—	—	3	—
4782 clay & refrac. mat.	3	—	—	3	—
Total primary manufactured goods	113	21	39	52	—
Subtotal paper products	57	—	14	42	—
5190 paper products nec	57	—	14	42	—
Subtotal lime, cement and glass	30	20	—	10	—
5220 cement & concrete	30	20	—	10	—
Subtotal primary iron and steel products	9	—	9	—	—
5360 i&s bars & shapes	9	—	9	—	—
Subtotal primary non-ferrous metal products	1	0	1	—	—
5480 fab. metal products	1	0	1	—	—
Subtotal primary wood products	16	0	16	—	—
5540 primary wood prod.	16	0	16	—	—
Total food and farm products	3,757	—	—	2,231	1,526
Subtotal fish	2	—	—	2	1
6134 fish (not shellfish)	2	—	—	2	1
Subtotal grain	3,628	—	—	2,110	1,518
6241 wheat	3,440	—	—	1,951	1,490
6344 corn	19	—	—	—	19
6443 barley & rye	168	—	—	159	9
Subtotal oilseeds	8	—	—	—	8
6522 soybeans	8	—	—	—	8
Subtotal vegetable products	62	—	—	62	—
6654 vegetables & prod.	62	—	—	62	—
Subtotal processed grain and animal feed	42	—	—	42	—
6781 hay & fodder	42	—	—	42	—
Subtotal other agricultural products	15	—	—	15	—
6887 groceries	15	—	—	15	—
Total all manufactured equipment, machinery and products	79	0	1	71	7
7110 machinery (not elec)	1	0	0	0	0
7230 ships & boats	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	—
7900 manufac. prod. nec	78	—	1	71	7
Total waste and scrap nec	294	—	—	294	—
8900 waste and scrap nec	294	—	—	294	—
Ton-miles (x1000)	540,325	64,132	26,954	322,774	126,464
Domestic					
Tons All Traffic (x1000)					55,286
Ton-miles All Traffic (x1000)					2,473,387
Total Trip-ton-miles Internal and Intraport (x1000)					1,777,826

Other Harbors and Waterways 2008

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	4331 sand & gravel	23
	5220 cement & concrete	10
	Total Tons(x1000)	33
	Total Ton-miles(x1000)	33
	Total Trip-ton-miles Internal and Intraport (x1000)	2,204
CLATSKANIE RIVER, OR	3220 alcohols	8
	Total Tons(x1000)	8
	Total Ton-miles(x1000)	31
COLUMBIA RIVER AT BAKERS BAY, WA	5480 fab. metal products	0
	6134 fish (not shellfish)	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
COLUMBIA SLOUGH, OR	No Commerce Reported	
COOS AND MILLICOMA RIVERS, OR	No Commerce Reported	
COQUILLE RIVER, OR	No Commerce Reported	
COWLITZ RIVER, WA	No Commerce Reported	
DEEP RIVER, WA	No Commerce Reported	
DEPOE BAY, OR	No Commerce Reported	
ELOKOMIN SLOUGH, WA	No Commerce Reported	
GRAYS RIVER, WA	No Commerce Reported	
LAKE RIVER, WA	No Commerce Reported	
LEWIS RIVER, WA	No Commerce Reported	
PORT OF ASTORIA, OR	4161 wood chips	21
	4170 wood in the rough	15
	6134 fish (not shellfish)	1
	Total Tons(x1000)	38
PORT OF ST. HELENS, OR	No Commerce Reported	
PORT ORFORD, OR	No Commerce Reported	
ROGUE RIVER, OR	9900 unknown or nec	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	0
SIUSLAW RIVER, OR	No Commerce Reported	
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	No Commerce Reported	
SKAMOKAWA CREEK, WA	No Commerce Reported	
SKIPANON CHANNEL, OR	4161 wood chips	37
	4170 wood in the rough	4
	Total Tons(x1000)	41
	Total Ton-miles(x1000)	41
	Total Trip-ton-miles Internal and Intraport (x1000)	2,555
SMITH RIVER, OR	No Commerce Reported	
TILLAMOOK BAY AND BAR, OR	No Commerce Reported	
UMPQUA RIVER, OR	4331 sand & gravel	59
	Total Tons(x1000)	59
	Total Ton-miles(x1000)	650
	Total Trip-ton-miles Internal and Intraport (x1000)	650
WESTPORT SLOUGH, OR	No Commerce Reported	
YAQUINA BAY AND HARBOR, OR	6134 fish (not shellfish)	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	1
YAQUINA RIVER, OR	No Commerce Reported	
YOUNGS BAY AND YOUNGS RIVER, OR	3298 wood & resin chem.	15
	Total Tons(x1000)	15
	Total Ton-miles(x1000)	45
	Total Trip-ton-miles Internal and Intraport (x1000)	1,007

GRAYS HARBOR AND CHEHALIS RIVER, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	1,406	2002	1,666	2005	1,670	2008	1,678
2000	1,251	2003	1,537	2006	1,281		
2001	1,326	2004	1,640	2007	1,245		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound	Outbound	Inbound	Outbound	Coastwise Shipments
Total, all commodities	1,678	11	892	75	6	696
Total chemicals and related products	91	7	84	—	—	—
Subtotal other chemicals and related products	91	7	84	—	—	—
3260 organic comp. nec	91	7	84	—	—	—
Total crude materials, inedible except fuels	988	—	287	—	6	696
Subtotal forest products, wood and chips	988	—	287	—	6	696
4161 wood chips	490	—	—	—	6	485
4170 wood in the rough	387	—	286	—	—	102
4189 lumber	111	—	1	—	—	109
Total primary manufactured goods	3	3	—	—	—	—
Subtotal primary iron and steel products	3	3	—	—	—	—
5330 i&s plates & sheets	2	2	—	—	—	—
5370 i&s pipe & tube	1	1	—	—	—	—
Total food and farm products	596	—	521	75	—	—
Subtotal fish	8	—	—	8	—	—
6134 fish (not shellfish)	7	—	—	7	—	—
6136 shellfish	1	—	—	1	—	—
Subtotal oilseeds	472	—	472	—	—	—
6590 oilseeds nec	472	—	472	—	—	—
Subtotal vegetable products	67	—	—	67	—	—
6653 vegetable oils	67	—	—	67	—	—
Subtotal processed grain and animal feed	49	—	49	—	—	—
6782 animal feed, prep.	49	—	49	—	—	—
Total all manufactured equipment, machinery and products	1	1	—	—	—	—
7110 machinery (not elec)	1	1	—	—	—	—

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
1999	2,237	2002	1,674	2005	1,853	2008	1,245
2000	1,872	2003	1,812	2006	1,196		
2001	2,154	2004	1,577	2007	1,906		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	626	456	67	77	26
Total petroleum and petroleum products	481	455	—	—	26
Subtotal crude petroleum	401	401	—	—	—
2100 crude petroleum	401	401	—	—	—
Subtotal petroleum products	81	54	—	—	26
2211 gasoline	54	54	—	—	—
2330 distillate fuel oil	3	—	—	—	3
2340 residual fuel oil	23	—	—	—	23
Total crude materials, inedible except fuels	77	—	—	77	—
Subtotal soil, sand, gravel, rock and stone	77	—	—	77	—
4331 sand & gravel	77	—	—	77	—
Total food and farm products	67	—	67	—	—
Subtotal oilseeds	67	—	67	—	—
6522 soybeans	67	—	67	—	—
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—

PORT ANGELES HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	619	92	64	209	254
Total petroleum and petroleum products	411	92	64	201	55
Subtotal petroleum products	411	92	64	201	55
2211 gasoline	89	41	26	11	12
2330 distillate fuel oil	86	45	20	3	18
2340 residual fuel oil	236	7	18	186	25
2350 lube oil & greases	1	—	—	1	—
Total crude materials, inedible except fuels	208	—	—	9	199
Subtotal forest products, wood and chips	208	—	—	9	199
4170 wood in the rough	208	—	—	9	199

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
1999	543	2002	588	2005	490	2008	450
2000	514	2003	442	2006	474		
2001	554	2004	499	2007	364		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic		
			Total	Internal	
				Inbound Upbound	Outbound Downbnd
Total, all commodities	450	10	440	112	329
Total crude materials, inedible except fuels	450	10	440	112	329
Subtotal forest products, wood and chips	281	—	281	109	172
4161 wood chips	84	—	84	—	84
4170 wood in the rough	197	—	197	109	88
Subtotal soil, sand, gravel, rock and stone	169	10	159	2	157
4331 sand & gravel	169	10	159	2	157
Subtotal other non-metal. min.	0	—	0	0	—
4900 non-metal. min. nec	0	—	0	0	—
Ton-miles (x1000)	4,502	99	4,403	1,116	3,288

Tons All Traffic (x1000) 450
Ton-miles All Traffic (x1000) 4,502
Total Trip-ton-miles Internal and Intraport (x1000) 17,233

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
1999	1,313	2002	1,440	2005	1,460	2008	1,026
2000	1,434	2003	1,419	2006	982		
2001	1,326	2004	1,701	2007	950		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic				
			Total	Coastwise Receipts	Internal Receipts	Shipments	Intraport
Total, all commodities	1,026	6	1,020	7	379	226	408
Total petroleum and petroleum products	1	—	1	—	1	—	—
Subtotal petroleum products	1	—	1	—	1	—	—
2340 residual fuel oil	1	—	1	—	1	—	—
Total crude materials, inedible except fuels	1,024	4	1,019	7	378	226	408
Subtotal forest products, wood and chips	1,019	—	1,019	7	378	226	408
4161 wood chips	39	—	39	—	2	38	—
4170 wood in the rough	980	—	980	7	377	189	408
Subtotal other non-metal. min.	4	4	—	—	—	—	—
4900 non-metal. min. nec	4	4	—	—	—	—	—
Total all manufactured equipment, machinery and products	1	1	—	—	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—

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 mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	21,103	2002	20,587	2005	28,289	2008	27,166
2000	22,287	2003	22,966	2006	26,033		
2001	20,523	2004	26,282	2007	26,944		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	20,279	4,975	14,042	1,129	134
Total coal	11	0	0	11	—
1100 coal & lignite	11	0	0	11	—
Total petroleum and petroleum products	373	2	13	284	75
Subtotal crude petroleum	254	—	—	254	—
2100 crude petroleum	254	—	—	254	—
Subtotal petroleum products	120	2	13	30	75
2211 gasoline	9	0	0	1	9
2330 distillate fuel oil	83	0	6	10	67
2340 residual fuel oil	6	—	—	6	—
2350 lube oil & greases	1	0	1	—	—
2410 petro. jelly & waxes	1	0	0	—	—
2429 naphtha & solvents	19	0	5	14	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	1	0	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	0	0	—	—
Total chemicals and related products	459	286	170	3	—
Subtotal fertilizers	5	1	2	2	—
3110 nitrogenous fert.	2	0	0	2	—
3120 phosphatic fert.	0	—	0	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	3	1	2	—	—
Subtotal other chemicals and related products	454	285	168	1	—
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	0	—	—	—
3219 other hydrocarbons	2	2	0	—	—
3220 alcohols	14	5	9	—	—
3230 carboxylic acids	34	17	17	—	—
3240 nitrogen func. comp.	19	8	11	—	—
3250 organo - inorg. comp.	6	6	0	—	—
3260 organic comp. nec	10	8	2	—	—
3272 sulphuric acid	2	2	0	—	—
3273 ammonia	2	1	0	—	—
3274 sodium hydroxide	2	1	1	—	—
3275 inorg. elem., oxides, & halogen salts	28	15	12	1	—
3276 metallic salts	16	12	5	—	—
3279 inorganic chem. nec	11	4	7	—	—
3281 radioactive material	1	0	1	—	—
3282 pigments & paints	12	11	2	—	—
3283 coloring mat. nec	2	2	1	—	—
3284 medicines	13	6	7	—	—
3285 perfumes & cleansers	19	13	5	—	—
3286 plastics	204	135	69	0	—
3291 pesticides	13	13	0	—	—
3292 starches, gluten, glue	21	11	9	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	10	3	6	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	9	7	2	—	—
Total crude materials, inedible except fuels	3,339	221	2,343	744	31
Subtotal forest products, wood and chips	1,257	32	935	259	31
4110 rubber & gums	1	0	1	—	—
4150 fuel wood	2	1	2	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	985	1	697	256	31
4189 lumber	266	28	236	2	—
4190 forest products nec	2	2	0	—	—
Subtotal pulp and waste paper	507	0	507	—	—
4225 pulp & waste paper	507	0	507	—	—
Subtotal soil, sand, gravel, rock and stone	365	176	1	188	—
4310 building stone	10	10	0	—	—
4322 limestone	132	0	—	132	—
4323 gypsum	213	163	0	50	—
4331 sand & gravel	10	3	1	6	—
Subtotal iron ore and scrap	1,060	0	785	275	—
4410 iron ore	0	—	0	—	—

TACOMA HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4420 iron & steel scrap	1,060	0	785	275	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	53	6	32	15	—
4630 copper ore	0	0	0	—	—
4650 aluminum ore	5	4	0	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	48	1	31	15	—
4690 non-ferrous ores nec	1	0	1	—	—
Subtotal sulphur, clay and salt	52	1	51	—	—
4741 sulphur, (dry)	5	0	5	—	—
4782 clay & refrac. mat.	47	1	46	—	—
Subtotal slag	7	0	0	7	—
4860 slag	7	0	0	7	—
Subtotal other non-metal. min.	36	6	30	—	—
4900 non-metal. min. nec	36	6	30	—	—
Total primary manufactured goods	1,881	1,007	773	86	16
Subtotal paper products	547	129	415	2	—
5110 newsprint	62	0	62	—	—
5120 paper & paperboard	411	83	326	2	—
5190 paper products nec	73	46	27	0	—
Subtotal lime, cement and glass	218	178	26	15	—
5210 lime	1	0	—	1	—
5220 cement & concrete	49	35	—	14	—
5240 glass & glass prod.	70	57	13	—	—
5290 misc. mineral prod.	98	86	13	—	—
Subtotal primary iron and steel products	167	83	84	0	—
5312 pig iron	6	5	1	—	—
5315 ferro alloys	24	1	23	—	—
5320 i&s primary forms	58	7	51	—	—
5330 i&s plates & sheets	5	4	1	—	—
5360 i&s bars & shapes	26	21	5	—	—
5370 i&s pipe & tube	36	32	4	—	—
5390 primary i&s nec	13	12	0	0	—
Subtotal primary non-ferrous metal products	883	590	227	54	12
5421 copper	6	5	2	—	—
5422 aluminum	27	23	4	—	—
5429 smelted prod. nec	244	7	184	54	—
5480 fab. metal products	606	555	38	—	12
Subtotal primary wood products	66	27	21	15	3
5540 primary wood prod.	66	27	21	15	3
Total food and farm products	10,627	189	10,426	—	12
Subtotal fish	81	14	68	—	0
6134 fish (not shellfish)	74	9	66	—	0
6136 shellfish	7	5	2	—	—
Subtotal grain	5,451	8	5,444	—	—
6241 wheat	70	0	70	—	—
6344 corn	5,331	0	5,331	—	—
6442 rice	12	8	4	—	—
6443 barley & rye	9	—	9	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	29	—	29	—	—
Subtotal oilseeds	2,522	13	2,509	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	2,447	10	2,437	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	75	3	72	—	—
Subtotal vegetable products	424	25	399	—	—
6653 vegetable oils	7	1	7	—	—
6654 vegetables & prod.	417	24	393	—	—
Subtotal processed grain and animal feed	1,198	8	1,188	—	2
6746 wheat flour	1	0	1	—	—
6747 grain mill products	182	2	180	—	—
6781 hay & fodder	723	1	722	—	—
6782 animal feed, prep.	291	4	286	—	2
Subtotal other agricultural products	950	121	818	—	10
6811 meat, fresh, frozen	269	0	269	—	—
6817 meat, prepared	15	0	15	—	—
6822 dairy products	36	3	34	—	—
6835 fish, prepared	7	4	2	—	—
6838 tallow, animal oils	73	—	63	—	10
6839 animals & prod. nec	76	4	72	—	—
6856 bananas & plantains	1	1	—	—	—
6857 fruit & nuts nec	152	14	138	—	—
6858 fruit juices	62	48	14	—	—
6861 sugar	0	0	0	—	—

TACOMA HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6871 coffee	58	9	49	—	—
6872 cocoa beans	1	1	—	—	—
6885 alcoholic beverages	13	4	9	—	—
6888 water & ice	1	0	1	—	—
6889 food products nec	136	28	108	—	—
6891 tobacco & products	1	1	0	—	—
6893 cotton	1	1	—	—	—
6894 natural fibers nec	2	1	1	—	—
6899 farm products nec	46	2	44	—	—
Total all manufactured equipment, machinery and products	3,326	3,097	229	0	0
7110 machinery (not elec)	417	365	52	0	—
7120 electrical machinery	416	399	17	—	—
7210 vehicles & parts	607	569	38	—	—
7220 aircraft & parts	5	2	3	—	—
7230 ships & boats	3	3	1	—	—
7300 ordnance & access.	1	0	0	—	—
7400 manufac. wood prod.	61	52	9	—	—
7500 textile products	233	217	16	—	0
7600 rubber & plastic pr.	327	280	47	0	—
7900 manufac. prod. nec	1,256	1,210	47	0	0
Total unknown or not elsewhere classified	263	174	89	0	0
9900 unknown or nec	263	174	89	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,886	2,189	2,125	1,631	438	504
Total petroleum and petroleum products	4,232	1,915	577	996	270	474
Subtotal crude petroleum	2,023	1,885	138	—	—	—
2100 crude petroleum	2,023	1,885	138	—	—	—
Subtotal petroleum products	2,209	30	440	996	270	474
2211 gasoline	510	4	53	429	22	1
2330 distillate fuel oil	560	4	300	169	87	—
2340 residual fuel oil	1,118	22	65	397	160	474
2350 lube oil & greases	22	0	21	1	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	—	—	—	—
2990 petro. products nec	0	—	0	—	—	—
Total chemicals and related products	15	15	1	—	—	—
Subtotal other chemicals and related products	15	15	1	—	—	—
3211 acyclic hydrocarbons	0	0	—	—	—	—
3220 alcohols	11	11	0	—	—	—
3260 organic comp. nec	0	—	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	0	—	—	—
3276 metallic salts	0	—	0	—	—	—
3284 medicines	0	—	0	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—
3299 chem. products nec	4	4	0	—	—	—
Total crude materials, inedible except fuels	869	0	65	635	165	3
Subtotal forest products, wood and chips	625	0	65	411	149	—
4161 wood chips	88	—	—	88	—	—
4170 wood in the rough	472	0	—	323	149	—
4189 lumber	65	0	65	0	0	—
4190 forest products nec	0	—	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	237	—	0	221	12	3
4323 gypsum	0	—	0	—	—	—
4331 sand & gravel	237	—	—	221	12	3
Subtotal iron ore and scrap	7	0	—	3	4	—
4420 iron & steel scrap	7	0	—	3	4	—
Total primary manufactured goods	72	4	40	0	2	27
Subtotal paper products	11	—	11	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	0	—	0	—	—	—
5190 paper products nec	11	—	11	—	—	—
Subtotal lime, cement and glass	28	—	—	—	1	27
5290 misc. mineral prod.	28	—	—	—	1	27
Subtotal primary non-ferrous metal products	33	4	29	0	0	0
5480 fab. metal products	33	4	29	0	0	0
Total food and farm products	329	16	313	—	—	—
Subtotal fish	13	13	—	—	—	—
6134 fish (not shellfish)	13	13	—	—	—	—
6136 shellfish	0	0	—	—	—	—
Subtotal processed grain and animal feed	0	—	0	—	—	—
6747 grain mill products	0	—	0	—	—	—

TACOMA HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—
Subtotal other agricultural products	316	3	313	—	—	—
6822 dairy products	0	—	0	—	—	—
6835 fish, prepared	3	3	—	—	—	—
6885 alcoholic beverages	0	—	0	—	—	—
6887 groceries	312	0	312	—	—	—
6889 food products nec	0	—	0	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	1,369	239	1,129	0	1	—
7110 machinery (not elec)	1	0	0	0	0	—
7120 electrical machinery	0	0	0	—	—	—
7210 vehicles & parts	87	15	72	—	—	—
7220 aircraft & parts	0	—	0	—	—	—
7400 manufac. wood prod.	0	0	0	—	0	—
7500 textile products	1	1	0	—	—	—
7600 rubber & plastic pr.	0	—	0	—	0	—
7900 manufac. prod. nec	1,279	223	1,057	—	—	—
Total unknown or not elsewhere classified	0	0	0	—	—	—
9900 unknown or nec	0	0	0	—	—	—

SEATTLE HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	25,443	2002	19,591	2005	28,081	2008	26,169
2000	24,156	2003	19,448	2006	27,974		
2001	20,546	2004	23,501	2007	28,169		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	20,232	5,331	12,246	2,571	85
Total coal	86	1	0	86	—
1100 coal & lignite	86	1	0	86	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	159	3	4	119	34
Subtotal petroleum products	159	3	4	119	34
2211 gasoline	19	0	0	10	10
2330 distillate fuel oil	86	0	1	61	24
2340 residual fuel oil	47	1	—	46	—
2350 lube oil & greases	1	0	1	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	5	0	2	3	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	0	0	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	0	0	—	—
Total chemicals and related products	484	277	159	48	0
Subtotal fertilizers	12	8	3	1	—
3110 nitrogenous fert.	5	4	0	1	—
3120 phosphatic fert.	1	—	1	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	6	3	3	—	—
Subtotal other chemicals and related products	472	270	155	47	0
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	2	1	0	—	—
3220 alcohols	11	5	6	0	—
3230 carboxylic acids	13	10	3	—	—
3240 nitrogen func. comp.	21	13	8	—	—
3250 organo - inorg. comp.	19	16	3	1	—
3260 organic comp. nec	11	6	6	—	—
3272 sulphuric acid	2	2	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	1	0	1	—	—
3275 inorg. elem., oxides, & halogen salts	63	22	12	30	0
3276 metallic salts	52	28	18	7	—
3279 inorganic chem. nec	12	3	9	—	—
3281 radioactive material	1	0	0	—	—
3282 pigments & paints	13	9	4	—	0
3283 coloring mat. nec	3	2	0	—	—
3284 medicines	17	10	7	—	—
3285 perfumes & cleansers	31	14	17	—	—
3286 plastics	136	87	49	0	—
3291 pesticides	10	9	1	—	—
3292 starches, gluten, glue	24	19	5	—	0
3293 explosives	5	5	0	—	—
3297 chemical additives	3	1	2	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	19	6	4	8	—
Total crude materials, inedible except fuels	3,525	579	1,060	1,844	43
Subtotal forest products, wood and chips	528	100	427	—	1
4110 rubber & gums	6	6	0	—	—
4150 fuel wood	4	3	1	—	—
4161 wood chips	1	0	1	—	—
4170 wood in the rough	198	9	189	—	0
4189 lumber	316	80	235	—	1
4190 forest products nec	3	2	1	—	—
Subtotal pulp and waste paper	443	1	440	—	2
4225 pulp & waste paper	443	1	440	—	2
Subtotal soil, sand, gravel, rock and stone	2,027	346	7	1,660	14
4310 building stone	16	16	1	—	—
4322 limestone	1,308	0	—	1,308	—
4323 gypsum	385	326	0	59	—

SEATTLE HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4331 sand & gravel	317	3	6	293	14
Subtotal iron ore and scrap	242	0	70	171	—
4410 iron ore	0	0	—	—	—
4420 iron & steel scrap	241	0	70	171	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	17	3	14	—	—
4630 copper ore	1	0	1	—	—
4650 aluminum ore	2	0	1	—	—
4680 non-ferrous scrap	12	1	11	—	—
4690 non-ferrous ores nec	2	2	0	—	—
Subtotal sulphur, clay and salt	75	0	75	—	0
4741 sulphur, (dry)	9	0	9	—	—
4782 clay & refrac. mat.	66	0	66	—	0
Subtotal slag	99	73	—	—	26
4860 slag	99	73	—	—	26
Subtotal other non-metal. min.	94	55	27	12	—
4900 non-metal. min. nec	94	55	27	12	—
Total primary manufactured goods	2,461	1,298	704	457	2
Subtotal paper products	640	108	459	71	1
5110 newsprint	66	0	35	31	—
5120 paper & paperboard	488	59	388	40	1
5190 paper products nec	85	48	37	—	1
Subtotal lime, cement and glass	1,036	617	45	375	0
5210 lime	6	0	—	6	—
5220 cement & concrete	847	478	—	369	—
5240 glass & glass prod.	73	46	27	0	—
5290 misc. mineral prod.	111	93	18	—	0
Subtotal primary iron and steel products	120	95	25	0	—
5312 pig iron	6	5	0	—	—
5315 ferro alloys	7	7	0	—	—
5320 i&s primary forms	24	7	16	—	—
5330 i&s plates & sheets	10	10	0	0	—
5360 i&s bars & shapes	14	8	6	—	—
5370 i&s pipe & tube	32	30	1	0	—
5390 primary i&s nec	28	27	1	—	—
Subtotal primary non-ferrous metal products	584	420	151	11	1
5421 copper	5	4	1	—	—
5422 aluminum	33	21	12	—	—
5429 smelted prod. nec	115	6	97	11	—
5480 fab. metal products	430	389	41	0	1
Subtotal primary wood products	82	58	24	—	0
5540 primary wood prod.	82	58	24	—	0
Total food and farm products	10,335	392	9,935	4	4
Subtotal fish	227	64	156	4	3
6134 fish (not shellfish)	198	41	150	3	3
6136 shellfish	29	22	6	0	—
Subtotal grain	4,249	17	4,232	—	0
6241 wheat	132	0	132	—	—
6344 corn	4,086	1	4,085	—	0
6442 rice	16	16	0	—	—
6443 barley & rye	5	0	4	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	10	—	10	—	—
Subtotal oilseeds	3,290	3	3,287	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	3,147	2	3,145	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	143	1	142	—	—
Subtotal vegetable products	552	39	513	—	1
6653 vegetable oils	4	2	2	—	—
6654 vegetables & prod.	548	37	511	—	1
Subtotal processed grain and animal feed	887	13	874	0	—
6746 wheat flour	1	0	0	—	—
6747 grain mill products	35	4	31	—	—
6781 hay & fodder	649	2	647	0	—
6782 animal feed, prep.	202	7	194	—	—
Subtotal other agricultural products	1,130	257	873	0	0
6811 meat, fresh, frozen	213	24	189	0	0
6817 meat, prepared	6	0	6	—	—
6822 dairy products	144	3	140	—	—
6835 fish, prepared	31	4	28	—	—
6838 tallow, animal oils	1	0	1	—	—
6839 animals & prod. nec	41	4	38	—	—
6856 bananas & plantains	0	0	0	—	—
6857 fruit & nuts nec	226	30	197	—	0

SEATTLE HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6858 fruit juices	93	72	21	0	0
6861 sugar	0	0	0	—	—
6865 molasses	35	35	—	—	—
6871 coffee	33	19	13	—	—
6872 cocoa beans	3	2	0	—	—
6885 alcoholic beverages	31	29	2	—	—
6888 water & ice	4	3	1	—	—
6889 food products nec	177	23	155	—	—
6891 tobacco & products	8	0	8	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	1	1	0	—	—
6899 farm products nec	82	7	75	—	—
Total all manufactured equipment, machinery and products	2,988	2,639	333	14	1
7110 machinery (not elec)	462	334	117	11	0
7120 electrical machinery	389	345	44	—	0
7210 vehicles & parts	302	261	40	0	0
7220 aircraft & parts	12	9	3	—	—
7230 ships & boats	5	3	1	0	0
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	51	41	10	—	0
7500 textile products	358	317	41	0	0
7600 rubber & plastic pr.	271	253	19	0	—
7900 manufac. prod. nec	1,137	1,076	58	2	1
Total unknown or not elsewhere classified	194	142	51	0	1
9900 unknown or nec	194	142	51	0	1

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Receipts	Shipments	Intraport	
Total, all commodities	5,936	511	1,136	3,155	681	453	
Total petroleum and petroleum products	1,891	330	118	762	299	383	
Subtotal crude petroleum	33	—	33	—	—	—	
2100 crude petroleum	33	—	33	—	—	—	
Subtotal petroleum products	1,858	330	84	762	299	383	
2211 gasoline	85	6	9	57	13	—	
2330 distillate fuel oil	273	173	8	41	43	8	
2340 residual fuel oil	1,473	150	62	664	224	374	
2350 lube oil & greases	6	0	0	0	4	1	
2429 naphtha & solvents	0	0	0	0	0	—	
2430 asphalt, tar & pitch	3	—	0	0	2	—	
2540 petroleum coke	4	—	0	—	4	—	
2640 hydrocarbon & petrol gases, liquefied and gaseous	9	0	3	0	5	—	
2990 petro. products nec	5	0	2	0	3	—	
Total chemicals and related products	75	5	56	2	12	—	
Subtotal fertilizers	38	0	38	—	0	—	
3110 nitrogenous fert.	0	—	—	—	0	—	
3120 phosphatic fert.	0	—	0	—	—	—	
3190 fert. & mixes nec	38	0	38	—	—	—	
Subtotal other chemicals and related products	37	5	18	2	12	—	
3220 alcohols	4	4	0	—	0	—	
3240 nitrogen func. comp.	0	—	—	—	0	—	
3260 organic comp. nec	5	0	0	0	5	—	
3273 ammonia	0	—	0	—	—	—	
3276 metallic salts	1	—	1	—	0	—	
3279 inorganic chem. nec	0	—	0	—	—	—	
3282 pigments & paints	2	0	1	0	1	—	
3285 perfumes & cleansers	0	—	0	—	—	—	
3286 plastics	13	—	12	0	0	—	
3291 pesticides	0	—	0	—	—	—	
3293 explosives	2	—	0	—	1	—	
3297 chemical additives	0	—	0	—	0	—	
3299 chem. products nec	10	1	2	2	5	—	
Total crude materials, inedible except fuels	2,497	4	183	2,241	67	1	
Subtotal forest products, wood and chips	200	1	166	20	13	0	
4150 fuel wood	1	—	—	—	1	—	
4161 wood chips	0	—	0	—	0	—	
4170 wood in the rough	22	1	0	18	2	0	
4189 lumber	170	0	162	2	6	—	
4190 forest products nec	7	—	3	0	4	—	
Subtotal pulp and waste paper	0	—	—	0	—	—	
4225 pulp & waste paper	0	—	—	0	—	—	
Subtotal soil, sand, gravel, rock and stone	2,267	—	1	2,216	51	—	
4310 building stone	0	—	—	—	0	—	
4331 sand & gravel	2,263	—	1	2,212	51	—	

SEATTLE HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
4338 soil & fill dirt	4	—	—	4	—	—
Subtotal iron ore and scrap	9	2	0	6	—	1
4420 iron & steel scrap	9	2	0	6	—	1
Subtotal non-ferrous ores and scrap	6	0	6	—	—	—
4630 copper ore	6	—	6	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—
Subtotal sulphur, clay and salt	0	—	0	—	—	—
4782 clay & refrac. mat.	0	—	0	—	—	—
Subtotal slag	1	—	1	—	—	—
4860 slag	1	—	1	—	—	—
Subtotal other non-metal. min.	15	1	11	—	3	—
4900 non-metal. min. nec	15	1	11	—	3	—
Total primary manufactured goods	477	7	314	14	88	54
Subtotal paper products	59	3	49	2	6	—
5110 newsprint	6	—	5	—	1	—
5120 paper & paperboard	2	0	—	2	—	—
5190 paper products nec	51	3	43	0	5	—
Subtotal lime, cement and glass	250	0	141	2	57	50
5210 lime	16	0	14	0	2	—
5220 cement & concrete	128	—	41	0	37	50
5240 glass & glass prod.	9	—	4	0	5	—
5290 misc. mineral prod.	97	0	82	2	14	—
Subtotal primary iron and steel products	38	0	35	0	2	—
5360 i&s bars & shapes	26	0	25	0	1	—
5370 i&s pipe & tube	11	—	10	0	1	—
5390 primary i&s nec	0	—	0	—	0	—
Subtotal primary non-ferrous metal products	85	4	47	10	20	4
5421 copper	0	—	—	—	0	—
5422 aluminum	0	0	—	—	—	—
5480 fab. metal products	85	4	47	10	20	4
Subtotal primary wood products	46	0	42	0	4	—
5540 primary wood prod.	46	0	42	0	4	—
Total food and farm products	463	118	145	84	103	13
Subtotal fish	133	83	0	48	2	—
6134 fish (not shellfish)	123	75	0	46	1	—
6136 shellfish	10	8	0	2	0	—
Subtotal vegetable products	24	0	24	—	0	—
6654 vegetables & prod.	24	0	24	—	0	—
Subtotal processed grain and animal feed	35	1	34	0	0	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	2	—	1	0	—	—
6781 hay & fodder	2	—	1	—	0	—
6782 animal feed, prep.	32	1	31	0	0	—
Subtotal other agricultural products	270	35	86	35	101	13
6811 meat, fresh, frozen	2	0	2	—	—	—
6822 dairy products	0	—	—	—	0	—
6835 fish, prepared	43	26	—	17	0	—
6839 animals & prod. nec	0	0	—	—	—	—
6857 fruit & nuts nec	3	3	—	—	—	—
6858 fruit juices	0	0	0	—	—	—
6865 molasses	18	5	—	—	—	13
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	41	0	7	17	16	—
6887 groceries	72	—	12	0	60	—
6888 water & ice	0	—	—	—	0	—
6889 food products nec	86	1	62	1	23	—
6891 tobacco & products	0	—	—	—	0	—
6899 farm products nec	4	0	3	0	1	—
Total all manufactured equipment, machinery and products	501	41	320	26	110	3
7110 machinery (not elec)	40	5	22	5	7	1
7120 electrical machinery	8	1	2	0	3	2
7210 vehicles & parts	38	14	10	3	10	—
7220 aircraft & parts	5	—	—	0	5	—
7230 ships & boats	3	1	1	1	1	0
7300 ordnance & access.	0	—	—	—	0	—
7400 manufac. wood prod.	145	3	127	1	13	0
7500 textile products	4	0	0	0	3	—
7600 rubber & plastic pr.	3	0	1	1	1	—
7900 manufac. prod. nec	255	17	157	15	66	—
Total waste and scrap nec	32	5	—	26	0	—
8900 waste and scrap nec	32	5	—	26	0	—
Total unknown or not elsewhere classified	0	0	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

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
1999	1,594	2002	1,013	2005	1,159	2008	1,537
2000	1,566	2003	1,105	2006	866		
2001	695	2004	1,057	2007	1,448		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal	
		Inbound	Outbound	Inbound	Total	Coastwise		Inbound Upbound	Outbound Downbnd
						Receipts	Shipments		
Total, all commodities	1,537	50	7	25	1,455	34	22	1,348	50
Total petroleum and petroleum products	0	---	---	---	0	---	---	0	0
Subtotal petroleum products	0	---	---	---	0	---	---	0	0
2330 distillate fuel oil	0	---	---	---	0	---	---	0	0
Total chemicals and related products	0	---	0	---	---	---	---	---	---
Subtotal other chemicals and related products	0	---	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	---	0	---	---	---	---	---	---
3286 plastics	0	---	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,461	50	6	---	1,405	1	6	1,348	50
Subtotal pulp and waste paper	0	---	0	---	---	---	---	---	---
4225 pulp & waste paper	0	---	0	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	1,403	---	5	---	1,398	---	---	1,348	50
4331 sand & gravel	1,403	---	5	---	1,398	---	---	1,348	50
Subtotal other non-metal. min.	58	50	1	---	7	1	6	---	---
4900 non-metal. min. nec	58	50	1	---	7	1	6	---	---
Total primary manufactured goods	36	---	0	25	11	---	11	---	---
Subtotal paper products	6	---	0	---	6	---	6	---	---
5120 paper & paperboard	0	---	0	---	---	---	---	---	---
5190 paper products nec	6	---	---	---	6	---	6	---	---
Subtotal lime, cement and glass	25	---	---	25	---	---	---	---	---
5220 cement & concrete	25	---	---	25	---	---	---	---	---
Subtotal primary non-ferrous metal products	6	---	0	---	6	---	6	---	---
5480 fab. metal products	6	---	0	---	6	---	6	---	---
Total food and farm products	33	---	0	---	33	33	---	---	---
Subtotal fish	33	---	---	---	33	33	---	---	---
6134 fish (not shellfish)	33	---	---	---	33	33	---	---	---
Subtotal vegetable products	0	---	0	---	---	---	---	---	---
6654 vegetables & prod.	0	---	0	---	---	---	---	---	---
Subtotal processed grain and animal feed	0	---	0	---	---	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---	---	---
Subtotal other agricultural products	0	---	0	---	---	---	---	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---	---	---	---
6857 fruit & nuts nec	0	---	0	---	---	---	---	---	---
6899 farm products nec	0	---	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	6	0	0	---	6	---	6	0	---
7110 machinery (not elec)	0	0	0	---	0	---	---	0	---
7230 ships & boats	0	---	0	---	0	---	---	0	---
7500 textile products	0	---	0	---	---	---	---	---	---
7900 manufac. prod. nec	6	---	0	---	6	---	6	---	---
Total unknown or not elsewhere classified	0	---	0	---	---	---	---	---	---
9900 unknown or nec	0	---	0	---	---	---	---	---	---
Tons All Traffic (x1000)									1,537
Total Trip-ton-miles Internal and Intraport (x1000)									76,917

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
1999	3,815	2002	3,009	2005	2,318	2008	2,837
2000	3,457	2003	2,712	2006	2,070		
2001	2,868	2004	3,021	2007	2,554		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	857	354	68	47	388
Total petroleum and petroleum products	1	0	0	---	---
Subtotal petroleum products	1	0	0	---	---
2211 gasoline	0	---	0	---	---
2330 distillate fuel oil	0	0	0	---	---
2340 residual fuel oil	0	0	---	---	---
2350 lube oil & greases	0	0	---	---	---
2429 naphtha & solvents	0	0	0	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	---	---	---
Total chemicals and related products	27	13	13	---	---
Subtotal fertilizers	0	0	---	---	---
3190 fert. & mixes nec	0	0	---	---	---
Subtotal other chemicals and related products	27	13	13	---	---
3219 other hydrocarbons	0	0	---	---	---
3220 alcohols	0	0	---	---	---
3230 carboxylic acids	0	0	---	---	---
3240 nitrogen func. comp.	1	1	---	---	---
3250 organo - inorg. comp.	1	1	---	---	---
3260 organic comp. nec	0	0	---	---	---
3272 sulphuric acid	2	2	---	---	---
3274 sodium hydroxide	0	0	---	---	---
3275 inorg. elem., oxides, & halogen salts	9	1	8	---	---
3276 metallic salts	7	3	5	---	---
3279 inorganic chem. nec	0	0	---	---	---
3281 radioactive material	1	---	1	---	---
3282 pigments & paints	2	1	0	---	---
3283 coloring mat. nec	0	0	---	---	---
3284 medicines	0	0	---	---	---
3285 perfumes & cleansers	0	0	---	---	---
3286 plastics	2	2	0	---	---
3291 pesticides	0	0	---	---	---
3292 starches, gluten, glue	1	1	---	---	---
3297 chemical additives	0	0	---	---	---
3299 chem. products nec	0	0	---	---	---
Total crude materials, inedible except fuels	432	1	2	41	388
Subtotal forest products, wood and chips	420	0	1	35	383
4150 fuel wood	87	---	---	9	78
4161 wood chips	300	---	---	9	291
4170 wood in the rough	20	---	0	17	3
4189 lumber	13	0	1	---	12
Subtotal soil, sand, gravel, rock and stone	5	0	---	---	5
4331 sand & gravel	5	0	---	---	5
Subtotal iron ore and scrap	0	0	---	---	---
4410 iron ore	0	0	---	---	---
Subtotal non-ferrous ores and scrap	6	0	---	6	---
4630 copper ore	6	---	---	6	---
4650 aluminum ore	0	0	---	---	---
4690 non-ferrous ores nec	0	0	---	---	---
Subtotal sulphur, clay and salt	0	0	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---
Subtotal other non-metal. min.	1	0	1	---	---
4900 non-metal. min. nec	1	0	1	---	---
Total primary manufactured goods	254	239	15	---	---
Subtotal paper products	3	3	0	---	---
5120 paper & paperboard	2	2	---	---	---
5190 paper products nec	0	0	0	---	---
Subtotal lime, cement and glass	224	214	10	---	---
5210 lime	10	---	10	---	---
5220 cement & concrete	213	213	---	---	---
5240 glass & glass prod.	0	0	0	---	---
5290 misc. mineral prod.	0	0	0	---	---
Subtotal primary iron and steel products	16	16	0	---	---
5312 pig iron	0	0	---	---	---
5315 ferro alloys	0	0	---	---	---
5320 i&s primary forms	0	0	0	---	---
5330 i&s plates & sheets	4	4	---	---	---

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
5360 i&s bars & shapes	2	2	0	—	—
5370 i&s pipe & tube	9	9	0	—	—
5390 primary i&s nec	1	0	0	—	—
Subtotal primary non-ferrous metal products	11	7	4	—	—
5421 copper	1	1	—	—	—
5422 aluminum	1	1	—	—	—
5429 smelted prod. nec	1	1	0	—	—
5480 fab. metal products	8	4	4	—	—
Subtotal primary wood products	0	0	0	—	—
5540 primary wood prod.	0	0	0	—	—
Total food and farm products	2	0	1	—	—
Subtotal grain	0	0	—	—	—
6442 rice	0	0	—	—	—
6445 oats	0	0	—	—	—
Subtotal oilseeds	0	0	—	—	—
6522 soybeans	0	0	—	—	—
Subtotal vegetable products	0	0	—	—	—
6653 vegetable oils	0	0	—	—	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal processed grain and animal feed	0	0	—	—	—
6781 hay & fodder	0	0	—	—	—
Subtotal other agricultural products	1	0	1	—	—
6811 meat, fresh, frozen	1	—	1	—	—
6817 meat, prepared	0	—	0	—	—
6857 fruit & nuts nec	0	0	—	—	—
6889 food products nec	0	0	0	—	—
6894 natural fibers nec	0	—	0	—	—
6899 farm products nec	0	0	—	—	—
Total all manufactured equipment, machinery and products	131	96	35	—	—
7110 machinery (not elec)	75	51	24	—	—
7120 electrical machinery	8	7	1	—	—
7210 vehicles & parts	27	23	5	—	—
7220 aircraft & parts	4	4	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	0	0	0	—	—
7500 textile products	2	1	1	—	—
7600 rubber & plastic pr.	7	7	0	—	—
7900 manufac. prod. nec	7	3	4	—	—
Total unknown or not elsewhere classified	11	5	1	6	—
9900 unknown or nec	11	5	1	6	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	1,980	18	5	1,289	667
Total petroleum and petroleum products	1	—	—	1	—
Subtotal petroleum products	1	—	—	1	—
2340 residual fuel oil	1	—	—	1	—
Total chemicals and related products	5	—	5	—	—
Subtotal other chemicals and related products	5	—	5	—	—
3298 wood & resin chem.	5	—	5	—	—
Total crude materials, inedible except fuels	1,965	18	—	1,283	663
Subtotal forest products, wood and chips	1,128	18	—	475	635
4161 wood chips	36	—	—	6	30
4170 wood in the rough	1,092	18	—	469	605
Subtotal soil, sand, gravel, rock and stone	837	—	—	809	29
4331 sand & gravel	837	—	—	809	29
Total all manufactured equipment, machinery and products	6	—	—	5	1
7110 machinery (not elec)	1	—	—	0	1
7220 aircraft & parts	5	—	—	5	0
Total unknown or not elsewhere classified	3	—	—	0	3
9900 unknown or nec	3	—	—	0	3

SWINOMISH CHANNEL, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	201	2002	140	2005	65	2008	434
2000	258	2003	56	2006	67		
2001	271	2004	112	2007	547		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound		Intra
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	434	168	3	63	143	57
Total crude materials, inedible except fuels	434	168	3	63	143	57
Subtotal forest products, wood and chips	434	168	3	63	143	57
4170 wood in the rough	434	168	3	63	143	57
Ton-miles (x1000)	1,564	382	10	170	717	285
Tons All Traffic (x1000)	434					
Ton-miles All Traffic (x1000)	1,564					
Total Trip-ton-miles Internal and Intraport (x1000)	3,685					

ANACORTES HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	16,232	2002	15,363	2005	15,777	2008	11,468
2000	18,005	2003	15,820	2006	15,147		
2001	16,769	2004	16,305	2007	14,341		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	2,965	747	626	635	958
Total coal	7	—	—	7	—
1100 coal & lignite	7	—	—	7	—
Total petroleum and petroleum products	2,474	747	623	165	940
Subtotal crude petroleum	863	747	—	116	—
2100 crude petroleum	863	747	—	116	—
Subtotal petroleum products	1,612	—	623	49	940
2211 gasoline	273	—	69	—	204
2221 kerosene	129	—	—	—	129
2330 distillate fuel oil	802	—	381	49	372
2340 residual fuel oil	28	—	24	—	4
2350 lube oil & greases	46	—	46	—	—
2429 naphtha & solvents	22	—	16	—	6
2540 petroleum coke	312	—	87	—	225
Total chemicals and related products	10	—	3	—	7
Subtotal other chemicals and related products	10	—	3	—	7
3211 acyclic hydrocarbons	10	—	3	—	7
Total crude materials, inedible except fuels	466	—	—	456	10
Subtotal forest products, wood and chips	353	—	—	352	1
4170 wood in the rough	353	—	—	352	1
Subtotal soil, sand, gravel, rock and stone	113	—	—	103	9
4322 limestone	103	—	—	103	—
4331 sand & gravel	9	—	—	—	9
Total all manufactured equipment, machinery and products	1	0	—	0	1
7110 machinery (not elec)	1	0	—	—	1
7120 electrical machinery	0	0	—	—	—
7230 ships & boats	0	—	—	0	—
Total unknown or not elsewhere classified	7	—	—	7	—
9900 unknown or nec	7	—	—	7	—

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Receipts	Shipments	Intraport	
Total, all commodities	8,503	6,737	720	233	743	70	
Total petroleum and petroleum products	8,501	6,737	720	232	741	70	
Subtotal crude petroleum	6,183	6,140	—	—	43	—	
2100 crude petroleum	6,183	6,140	—	—	43	—	
Subtotal petroleum products	2,318	598	720	232	698	70	
2211 gasoline	567	110	265	2	190	—	

ANACORTES HARBOR, WA
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
2330 distillate fuel oil	886	439	208	122	81	35
2340 residual fuel oil	846	49	235	101	427	35
2350 lube oil & greases	0	—	—	0	—	—
2429 naphtha & solvents	19	—	12	7	—	—
Total crude materials, inedible except fuels	0	—	—	0	0	—
Subtotal forest products, wood and chips	0	—	—	0	0	—
4170 wood in the rough	0	—	—	0	—	—
4189 lumber	0	—	—	—	0	—
Total primary manufactured goods	0	—	—	—	0	—
Subtotal lime, cement and glass	0	—	—	—	0	—
5290 misc. mineral prod.	0	—	—	—	0	—
Total all manufactured equipment, machinery and products	1	—	—	0	1	—
7120 electrical machinery	0	—	—	0	—	—
7210 vehicles & parts	1	—	—	0	1	—
7400 manufac. wood prod.	0	—	—	—	0	—

Other Harbors and Waterways 2008

Harbor or Waterway Project	Commodity	Thousand Short Tons
LAKE CROCKETT, WA	No Commerce Reported	
BELLINGHAM BAY AND HARBOR, WA	2211 gasoline	28
	2330 distillate fuel oil	10
	2340 residual fuel oil	0
	4170 wood in the rough	10
	4331 sand & gravel	5
	5220 cement & concrete	10
	5480 fab. metal products	0
	6134 fish (not shellfish)	12
	6653 vegetable oils	0
	6654 vegetables & prod.	2
	6746 wheat flour	0
	6811 meat, fresh, frozen	1
	6817 meat, prepared	0
	6822 dairy products	0
	6857 fruit & nuts nec	0
	6858 fruit juices	0
	7110 machinery (not elec)	0
	7120 electrical machinery	6
	7210 vehicles & parts	0
	7230 ships & boats	0
	9900 unknown or nec	0
	Total Tons(x1000)	84
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	No Commerce Reported	
KOOTENAI RIVER, ID AND MT	No Commerce Reported	
NEAH BAY, WA	No Commerce Reported	
PORT GAMBLE HARBOR, WA	No Commerce Reported	
PORT TOWNSEND HARBOR, WA	2340 residual fuel oil	6
	4150 fuel wood	8
	4161 wood chips	60
	4170 wood in the rough	37
	4225 pulp & waste paper	2
	Total Tons(x1000)	113
QUILLAYUTE RIVER, WA	No Commerce Reported	
SKAGIT RIVER, WA	4170 wood in the rough	8
	Total Tons(x1000)	8
	Total Ton-miles(x1000)	92
	Total Trip-ton-miles Internal and Intraport (x1000)	146
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	
	Total Tons(x1000)	16,379
OTHER PUGET SOUND AREA PORTS, WA (NET)	2211 gasoline	3,136
	2221 kerosene	68
	2330 distillate fuel oil	1,412
	2340 residual fuel oil	558
	2350 lube oil & greases	0
	2429 naphtha & solvents	162
	2640 hydrocarbon & petrol gases, liquefied and gaseous	176
	3220 alcohols	6
	4170 wood in the rough	501
	4189 lumber	2
	4331 sand & gravel	3,144
	4338 soil & fill dirt	0
	4420 iron & steel scrap	3
	4650 aluminum ore	512
	4900 non-metal. min. nec	0
	5290 misc. mineral prod.	2
	5480 fab. metal products	7
	7110 machinery (not elec)	7
	7210 vehicles & parts	6
	7220 aircraft & parts	38
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	0
	9900 unknown or nec	4
	Total Tons(x1000)	26,125

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
1999	1,400	2002	753	2005	674	2008	462
2000	756	2003	680	2006	632		
2001	596	2004	651	2007	595		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	134	1	65	69
Total petroleum and petroleum products	55	—	—	55
Subtotal petroleum products	55	—	—	55
2211 gasoline	13	—	—	13
2330 distillate fuel oil	29	—	—	29
2429 naphtha & solvents	12	—	—	12
Total crude materials, inedible except fuels	77	—	65	13
Subtotal forest products, wood and chips	70	—	65	5
4170 wood in the rough	70	—	65	5
Subtotal soil, sand, gravel, rock and stone	7	—	—	7
4331 sand & gravel	7	—	—	7
Total primary manufactured goods	1	1	—	—
Subtotal primary non-ferrous metal products	1	1	—	—
5480 fab. metal products	1	1	—	—
Total all manufactured equipment, machinery and products	1	0	—	1
7110 machinery (not elec)	0	—	—	0
7120 electrical machinery	0	0	—	—
7900 manufac. prod. nec	1	—	—	1
Total unknown or not elsewhere classified	0	0	—	—
9900 unknown or nec	0	0	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		Intraport
		Receipts	Shipments	Receipts	Shipments	
Total, all commodities	328	75	4	126	123	1
Total petroleum and petroleum products	137	74	4	21	37	1
Subtotal petroleum products	137	74	4	21	37	1
2211 gasoline	55	28	2	12	12	1
2330 distillate fuel oil	66	38	1	3	23	0
2340 residual fuel oil	8	8	—	—	—	—
2350 lube oil & greases	0	0	—	0	0	—
2429 naphtha & solvents	0	—	—	0	0	—
2430 asphalt, tar & pitch	1	—	—	1	0	—
2540 petroleum coke	0	—	—	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	0	—	2	1	—
2990 petro. products nec	2	—	—	2	0	—
Total chemicals and related products	9	0	—	7	2	—
Subtotal other chemicals and related products	9	0	—	7	2	—
3220 alcohols	0	—	—	0	0	—
3260 organic comp. nec	4	—	—	4	0	—
3282 pigments & paints	0	0	—	0	0	—
3286 plastics	0	—	—	0	0	—
3293 explosives	2	0	—	2	0	—
3297 chemical additives	0	—	—	0	—	—
3299 chem. products nec	3	—	—	2	1	—
Total crude materials, inedible except fuels	23	0	—	8	15	—
Subtotal forest products, wood and chips	19	0	—	6	13	—
4150 fuel wood	0	—	—	0	0	—
4161 wood chips	0	—	—	0	—	—
4170 wood in the rough	13	0	—	2	11	—
4189 lumber	5	—	—	3	1	—
4190 forest products nec	1	—	—	1	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	2	—	—	0	2	—
4420 iron & steel scrap	2	—	—	0	2	—
Subtotal other non-metal. min.	1	—	—	1	0	—
4900 non-metal. min. nec	1	—	—	1	0	—
Total primary manufactured goods	22	0	—	18	4	—
Subtotal paper products	2	—	—	1	0	—
5110 newsprint	0	—	—	0	—	—
5120 paper & paperboard	0	—	—	—	0	—

KETCHIKAN HARBOR, AK
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
5190 paper products nec	1	—	—	1	0	—
Subtotal lime, cement and glass	10	—	—	9	1	—
5210 lime	0	—	—	—	0	—
5220 cement & concrete	4	—	—	4	0	—
5240 glass & glass prod.	0	—	—	0	0	—
5290 misc. mineral prod.	6	—	—	5	1	—
Subtotal primary iron and steel products	1	—	—	1	0	—
5360 i&s bars & shapes	1	—	—	1	0	—
5370 i&s pipe & tube	0	—	—	0	0	—
5390 primary i&s nec	0	—	—	0	—	—
Subtotal primary non-ferrous metal products	8	0	—	6	2	—
5480 fab. metal products	8	0	—	6	2	—
Subtotal primary wood products	1	—	—	1	0	—
5540 primary wood prod.	1	—	—	1	0	—
Total food and farm products	69	0	—	38	31	—
Subtotal fish	20	0	—	6	14	—
6134 fish (not shellfish)	19	0	—	5	14	—
6136 shellfish	1	—	—	0	1	—
Subtotal other agricultural products	48	—	—	32	16	—
6835 fish, prepared	14	—	—	4	10	—
6885 alcoholic beverages	3	—	—	3	0	—
6887 groceries	19	—	—	16	2	—
6889 food products nec	12	—	—	9	3	—
6891 tobacco & products	0	—	—	0	—	—
6899 farm products nec	0	—	—	0	—	—
Total all manufactured equipment, machinery and products	54	0	0	34	20	—
7110 machinery (not elec)	9	0	0	4	5	—
7120 electrical machinery	1	—	—	1	0	—
7210 vehicles & parts	7	0	—	4	2	—
7220 aircraft & parts	0	—	—	0	0	—
7230 ships & boats	2	0	—	1	1	—
7300 ordnance & access.	0	—	—	—	0	—
7400 manufac. wood prod.	4	—	—	3	1	—
7500 textile products	2	—	—	1	0	—
7600 rubber & plastic pr.	0	—	—	0	0	—
7900 manufac. prod. nec	30	0	0	20	10	—
Total waste and scrap nec	14	0	—	—	14	—
8900 waste and scrap nec	14	0	—	—	14	—

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
1999	404	2002	568	2005	747	2008	617
2000	630	2003	766	2006	873		
2001	530	2004	732	2007	842		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign
		Outbound
Total, all commodities	1	1
Total food and farm products	1	1
Subtotal fish	1	1
6134 fish (not shellfish)	1	1
Ton-miles (x1000)	24	24
Foreign		

Commodity	Total	Coastwise	
		Through	
		Upbound	Downbnd
Total, all commodities	131	97	33
Total petroleum and petroleum products	38	38	1
Subtotal petroleum products	38	38	1
2211 gasoline	21	21	0
2330 distillate fuel oil	12	11	1
2340 residual fuel oil	5	5	—
2429 naphtha & solvents	0	0	0
2540 petroleum coke	0	0	—

WRANGELL NARROWS, AK
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Through	
		Upbound	Downbnd
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	—
2990 petro. products nec	1	1	0
Total chemicals and related products	1	1	0
Subtotal other chemicals and related products	1	1	0
3220 alcohols	0	0	—
3282 pigments & paints	0	0	—
3286 plastics	1	1	—
3299 chem. products nec	0	0	0
Total crude materials, inedible except fuels	14	13	1
Subtotal forest products, wood and chips	12	11	0
4170 wood in the rough	0	0	0
4189 lumber	10	10	0
4190 forest products nec	1	1	—
Subtotal iron ore and scrap	1	0	1
4420 iron & steel scrap	1	0	1
Subtotal other non-metal. min.	2	2	0
4900 non-metal. min. nec	2	2	0
Total primary manufactured goods	24	24	1
Subtotal paper products	1	0	0
5190 paper products nec	1	0	0
Subtotal lime, cement and glass	11	11	0
5220 cement & concrete	1	1	—
5240 glass & glass prod.	1	1	—
5290 misc. mineral prod.	9	9	0
Subtotal primary iron and steel products	3	3	—
5360 i&s bars & shapes	2	2	—
5370 i&s pipe & tube	0	0	—
Subtotal primary non-ferrous metal products	6	5	1
5480 fab. metal products	6	5	1
Subtotal primary wood products	4	4	—
5540 primary wood prod.	4	4	—
Total food and farm products	28	1	27
Subtotal fish	23	0	23
6134 fish (not shellfish)	16	0	16
6136 shellfish	7	0	7
Subtotal vegetable products	0	—	0
6654 vegetables & prod.	0	—	0
Subtotal other agricultural products	5	0	5
6811 meat, fresh, frozen	0	—	0
6835 fish, prepared	5	—	5
6858 fruit juices	0	—	0
6885 alcoholic beverages	0	0	—
6887 groceries	0	0	—
6889 food products nec	0	0	—
Total all manufactured equipment, machinery and products	25	21	4
7110 machinery (not elec)	3	2	1
7120 electrical machinery	0	0	0
7210 vehicles & parts	1	1	0
7230 ships & boats	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	19	17	2
Total waste and scrap nec	0	—	0
8900 waste and scrap nec	0	—	0
Ton-miles (x1000)	3,149	2,322	827
Coastwise			

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	485	56	27	35	45	255	66
Total petroleum and petroleum products	70	8	0	2	0	59	0
Subtotal petroleum products	70	8	0	2	0	59	0
2211 gasoline	31	2	0	0	0	29	0
2330 distillate fuel oil	23	4	—	—	—	19	—
2350 lube oil & greases	3	1	—	0	—	2	0
2429 naphtha & solvents	0	0	0	0	0	0	0
2430 asphalt, tar & pitch	2	1	—	1	—	1	—
2540 petroleum coke	4	0	—	0	—	4	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	1	0	1	0	3	—
2990 petro. products nec	1	0	0	—	0	1	0

WRANGELL NARROWS, AK
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total chemicals and related products	8	2	0	1	0	5	1
Subtotal fertilizers	0	0	---	0	---	---	---
3110 nitrogenous fert.	0	0	---	0	---	---	---
Subtotal other chemicals and related products	8	2	0	1	0	5	1
3220 alcohols	0	---	---	---	---	0	---
3240 nitrogen func. comp.	0	0	---	0	---	0	---
3260 organic comp. nec	1	0	0	0	0	1	0
3276 metallic salts	0	0	---	0	---	0	---
3282 pigments & paints	1	0	0	0	0	1	0
3286 plastics	0	0	---	0	---	0	0
3293 explosives	1	0	0	0	0	0	0
3297 chemical additives	0	---	---	---	---	0	---
3299 chem. products nec	4	1	---	0	0	3	1
Total crude materials, inedible except fuels	26	3	1	2	2	9	10
Subtotal forest products, wood and chips	19	1	1	1	2	8	6
4150 fuel wood	0	0	---	---	---	0	0
4170 wood in the rough	11	0	1	1	1	2	6
4189 lumber	4	0	0	0	0	3	0
4190 forest products nec	3	1	0	0	0	2	0
Subtotal pulp and waste paper	0	---	---	---	---	---	0
4225 pulp & waste paper	0	---	---	---	---	---	0
Subtotal soil, sand, gravel, rock and stone	4	---	0	---	0	0	4
4310 building stone	0	---	---	---	---	0	---
4331 sand & gravel	0	---	---	---	---	0	---
4338 soil & fill dirt	4	---	0	---	0	---	4
Subtotal iron ore and scrap	1	---	---	---	0	0	1
4420 iron & steel scrap	1	---	---	---	0	0	1
Subtotal other non-metal. min.	3	1	---	0	---	1	0
4900 non-metal. min. nec	3	1	---	0	---	1	0
Total primary manufactured goods	81	9	1	5	1	60	5
Subtotal paper products	7	2	0	1	0	3	2
5110 newsprint	1	0	---	0	---	0	---
5120 paper & paperboard	2	---	0	---	0	---	2
5190 paper products nec	5	1	0	1	0	2	0
Subtotal lime, cement and glass	51	4	0	2	0	44	0
5210 lime	2	---	---	---	---	2	---
5220 cement & concrete	34	2	0	1	0	31	0
5240 glass & glass prod.	5	0	---	0	0	4	0
5290 misc. mineral prod.	10	3	0	1	0	6	0
Subtotal primary iron and steel products	2	0	0	0	0	1	0
5360 i&s bars & shapes	1	0	0	0	---	1	---
5370 i&s pipe & tube	1	0	---	0	0	1	0
5390 primary i&s nec	0	---	---	---	---	0	---
Subtotal primary non-ferrous metal products	18	3	0	1	1	10	3
5421 copper	0	---	---	---	---	0	---
5480 fab. metal products	18	3	0	1	1	10	3
Subtotal primary wood products	3	1	---	0	0	2	0
5540 primary wood prod.	3	1	---	0	0	2	0
Total food and farm products	159	14	11	9	28	61	34
Subtotal fish	47	1	11	0	24	0	11
6134 fish (not shellfish)	45	0	11	0	23	0	10
6136 shellfish	1	0	0	0	1	0	0
Subtotal vegetable products	0	---	---	---	---	0	---
6654 vegetables & prod.	0	---	---	---	---	0	---
Subtotal processed grain and animal feed	1	0	---	0	0	0	0
6747 grain mill products	0	---	---	---	0	---	---
6781 hay & fodder	0	0	---	0	---	0	---
6782 animal feed, prep.	0	---	---	---	---	0	0
Subtotal other agricultural products	111	13	1	9	4	61	24
6822 dairy products	0	0	---	0	---	---	---
6835 fish, prepared	10	0	0	---	4	0	6
6885 alcoholic beverages	31	2	0	1	0	12	17
6887 groceries	51	10	0	7	0	34	0
6888 water & ice	0	---	---	---	---	0	---
6889 food products nec	18	1	0	1	0	15	1
6899 farm products nec	1	0	---	0	---	0	0
Total all manufactured equipment, machinery and products	122	20	7	17	4	61	13
7110 machinery (not elec)	13	2	1	2	0	5	3
7120 electrical machinery	3	0	0	0	0	2	0
7210 vehicles & parts	11	1	0	1	0	6	2
7220 aircraft & parts	0	---	---	---	0	0	---
7230 ships & boats	1	0	0	0	0	0	0
7300 ordnance & access.	0	0	---	0	---	0	---
7400 manufac. wood prod.	14	4	0	3	0	6	0
7500 textile products	2	0	0	0	0	1	0

WRANGELL NARROWS, AK
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
7600 rubber & plastic pr.	1	0	0	0	0	0	0
7900 manufac. prod. nec	77	11	5	10	3	40	7
Total waste and scrap nec	20	0	8	—	11	0	2
8900 waste and scrap nec	20	0	8	—	11	0	2
Ton-miles (x1000)	10,409	1,195	110	141	953	6,369	1,641
Internal							
Tons All Traffic (x1000)	617						
Ton-miles All Traffic (x1000)	13,583						
Total Trip-ton-miles Internal and Intraport (x1000)	383,125						

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
1999	527	2002	469	2005	372	2008	298
2000	256	2003	567	2006	397		
2001	576	2004	544	2007	417		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic				
			Total	Coastwise		Internal	
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total, all commodities	298	15	283	47	1	171	64
Total petroleum and petroleum products	76	9	67	33	0	30	4
Subtotal petroleum products	76	9	67	33	0	30	4
2211 gasoline	42	4	38	18	0	20	0
2330 distillate fuel oil	24	5	18	11	—	7	0
2340 residual fuel oil	4	—	4	4	—	—	—
2350 lube oil & greases	3	—	3	0	0	0	3
2429 naphtha & solvents	0	—	0	—	0	0	0
2430 asphalt, tar & pitch	0	—	0	—	—	0	0
2540 petroleum coke	1	—	1	—	—	1	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	2	—	2	—	0	2	—
2990 petro. products nec	1	—	1	—	—	0	0
Total chemicals and related products	6	—	6	1	0	3	2
Subtotal other chemicals and related products	6	—	6	1	0	3	2
3220 alcohols	0	—	0	—	—	0	—
3240 nitrogen func. comp.	0	—	0	—	—	0	—
3260 organic comp. nec	1	—	1	—	—	0	1
3276 metallic salts	1	—	1	1	—	0	—
3282 pigments & paints	0	—	0	—	0	0	0
3286 plastics	0	—	0	—	—	0	0
3293 explosives	2	—	2	—	0	1	1
3297 chemical additives	0	—	0	—	—	0	—
3299 chem. products nec	2	—	2	—	0	1	1
Total crude materials, inedible except fuels	25	—	25	6	0	10	10
Subtotal forest products, wood and chips	12	—	12	—	0	6	6
4150 fuel wood	0	—	0	—	0	0	—
4170 wood in the rough	7	—	7	—	0	2	6
4189 lumber	3	—	3	—	—	2	0
4190 forest products nec	2	—	2	—	0	2	0
Subtotal pulp and waste paper	0	—	0	—	—	—	0
4225 pulp & waste paper	0	—	0	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	7	—	7	—	—	3	3
4310 building stone	0	—	0	—	—	0	—
4331 sand & gravel	0	—	0	—	—	0	—
4338 soil & fill dirt	7	—	7	—	—	3	3
Subtotal iron ore and scrap	0	—	0	—	—	—	0
4420 iron & steel scrap	0	—	0	—	—	—	0
Subtotal non-ferrous ores and scrap	6	—	6	6	—	—	—
4630 copper ore	6	—	6	6	—	—	—
Subtotal other non-metal. min.	0	—	0	—	—	0	0
4900 non-metal. min. nec	0	—	0	—	—	0	0
Total primary manufactured goods	37	0	37	2	1	28	6
Subtotal paper products	4	—	4	—	0	2	2
5110 newsprint	0	—	0	—	—	0	—
5120 paper & paperboard	2	—	2	—	—	—	2
5190 paper products nec	2	—	2	—	0	2	0
Subtotal lime, cement and glass	19	—	19	2	0	16	1
5210 lime	2	—	2	2	—	0	0
5220 cement & concrete	7	—	7	—	—	7	0
5240 glass & glass prod.	4	—	4	—	0	4	0
5290 misc. mineral prod.	5	—	5	—	0	5	0
Subtotal primary iron and steel products	1	—	1	—	0	1	0
5360 i&s bars & shapes	1	—	1	—	—	1	0
5370 i&s pipe & tube	1	—	1	—	0	1	0
5390 primary i&s nec	0	—	0	—	—	0	—
Subtotal primary non-ferrous metal products	11	0	11	0	1	7	3
5421 copper	0	—	0	—	—	0	—
5422 aluminum	0	0	—	—	—	—	—
5480 fab. metal products	11	0	11	0	1	7	3
Subtotal primary wood products	2	—	2	—	0	2	0
5540 primary wood prod.	2	—	2	—	0	2	0
Total food and farm products	71	0	71	—	0	47	24
Subtotal fish	6	0	6	—	0	1	4
6134 fish (not shellfish)	5	0	5	—	—	1	4

JUNEAU HARBOR, AK
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Canadian	Domestic				
		Inbound	Total	Coastwise		Internal	
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd
6136 shellfish	0	—	0	—	0	0	0
Subtotal vegetable products	0	—	0	—	—	0	—
6654 vegetables & prod.	0	—	0	—	—	0	—
Subtotal processed grain and animal feed	0	—	0	—	—	0	—
6781 hay & fodder	0	—	0	—	—	0	—
6782 animal feed, prep.	0	—	0	—	—	0	—
Subtotal other agricultural products	65	—	65	—	0	45	20
6835 fish, prepared	0	—	0	—	—	—	0
6885 alcoholic beverages	23	—	23	—	—	5	18
6887 groceries	30	—	30	—	0	29	1
6888 water & ice	0	—	0	—	—	0	—
6889 food products nec	12	—	12	—	0	11	1
6899 farm products nec	0	—	0	—	—	0	0
Total all manufactured equipment, machinery and products	76	1	76	5	0	53	17
7110 machinery (not elec)	9	1	8	0	0	5	3
7120 electrical machinery	2	0	2	—	0	1	0
7210 vehicles & parts	7	—	7	0	0	5	2
7230 ships & boats	0	—	0	—	0	0	0
7300 ordnance & access.	0	—	0	—	—	0	—
7400 manufac. wood prod.	5	—	5	—	0	4	1
7500 textile products	2	—	2	—	0	2	0
7600 rubber & plastic pr.	1	—	1	0	0	0	0
7900 manufac. prod. nec	51	—	51	5	0	35	10
Total waste and scrap nec	2	—	2	—	—	1	1
8900 waste and scrap nec	2	—	2	—	—	1	1
Total unknown or not elsewhere classified	5	5	—	—	—	—	—
9900 unknown or nec	5	5	—	—	—	—	—

Tons All Traffic (x1000) 298
Total Trip-ton-miles Internal and Intraport (x1000) 198,351

VALDEZ HARBOR, AK

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	53,392	2002	50,513	2005	44,448	2008	35,967
2000	48,081	2003	49,857	2006	36,153		
2001	50,977	2004	46,758	2007	37,775		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	35,967	186	35,781
Total petroleum and petroleum products	35,966	186	35,781
Subtotal crude petroleum	35,593	170	35,422
2100 crude petroleum	35,593	170	35,422
Subtotal petroleum products	374	15	358
2211 gasoline	203	7	196
2330 distillate fuel oil	121	—	121
2340 residual fuel oil	49	8	41
Total primary manufactured goods	0	—	0
Subtotal primary non-ferrous metal products	0	—	0
5480 fab. metal products	0	—	0
Total all manufactured equipment, machinery and products	1	1	—
7900 manufac. prod. nec	1	1	—

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 mlw 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 mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	614	2002	392	2005	523	2008	592
2000	721	2003	203	2006	429		
2001	641	2004	599	2007	251		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
Total, all commodities	592	579	13	12	1
Total coal	579	579	—	—	—
1100 coal & lignite	579	579	—	—	—
Total petroleum and petroleum products	1	—	1	0	1
Subtotal petroleum products	1	—	1	0	1
2211 gasoline	0	—	0	0	0
2330 distillate fuel oil	1	—	1	—	1
2990 petro. products nec	0	—	0	—	0
Total crude materials, inedible except fuels	6	—	6	6	—
Subtotal forest products, wood and chips	6	—	6	6	—
4189 lumber	6	—	6	6	—
Total primary manufactured goods	5	—	5	5	0
Subtotal lime, cement and glass	4	—	4	4	—
5290 misc. mineral prod.	4	—	4	4	—
Subtotal primary non-ferrous metal products	0	—	0	—	0
5480 fab. metal products	0	—	0	—	0
Subtotal primary wood products	2	—	2	2	—
5540 primary wood prod.	2	—	2	2	—
Total all manufactured equipment, machinery and products	1	—	1	1	—
7400 manufac. wood prod.	0	—	0	0	—
7900 manufac. prod. nec	1	—	1	1	—

ANCHORAGE, AK

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	3,701	2002	2,983	2005	3,527	2008	2,405
2000	3,157	2003	3,179	2006	2,927		
2001	2,861	2004	3,086	2007	2,633		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		Internal Shipments
							Receipts	Shipments	
Total, all commodities	2,405	174	91	19	6	2,115	1,796	310	9
Total petroleum and petroleum products	406	55	—	—	—	350	226	116	9
Subtotal petroleum products	406	55	—	—	—	350	226	116	9
2211 gasoline	274	6	—	—	—	269	197	64	8
2221 kerosene	24	24	—	—	—	—	—	—	—
2330 distillate fuel oil	84	25	—	—	—	58	6	51	1
2340 residual fuel oil	1	—	—	—	—	1	—	1	—
2350 lube oil & greases	21	—	—	—	—	21	21	0	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	—	—	0	0	0	—
2990 petro. products nec	1	—	—	—	—	1	1	0	—
Total chemicals and related products	16	—	0	—	—	16	3	14	—
Subtotal fertilizers	0	—	0	—	—	0	0	—	—
3120 phosphatic fert.	0	—	0	—	—	0	0	—	—
3190 fert. & mixes nec	0	—	—	—	—	0	0	—	—
Subtotal other chemicals and related products	16	—	—	—	—	16	2	14	—
3211 acyclic hydrocarbons	0	—	—	—	—	0	—	0	—
3220 alcohols	10	—	—	—	—	10	0	10	—
3260 organic comp. nec	0	—	—	—	—	0	0	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	—	—	0	0	—	—
3276 metallic salts	0	—	—	—	—	0	0	0	—
3282 pigments & paints	0	—	—	—	—	0	0	—	—
3284 medicines	0	—	—	—	—	0	0	—	—

ANCHORAGE, AK
Freight Traffic, 2008 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		Internal Shipments
							Receipts	Shipments	
3285 perfumes & cleansers	0	—	—	—	—	0	0	—	
3286 plastics	1	—	—	—	—	1	1	—	
3293 explosives	0	—	—	—	—	0	—	0	
3299 chem. products nec	4	—	—	—	—	4	0	4	
Total crude materials, inedible except fuels	207	—	67	19	6	116	115	1	
Subtotal forest products, wood and chips	181	—	67	—	—	114	113	1	
4170 wood in the rough	67	—	67	—	—	0	0	0	
4189 lumber	112	—	—	—	—	112	111	1	
4190 forest products nec	2	—	—	—	—	2	2	—	
Subtotal soil, sand, gravel, rock and stone	0	—	—	—	—	0	0	0	
4323 gypsum	0	—	—	—	—	0	0	—	
4331 sand & gravel	0	—	—	—	—	0	0	0	
Subtotal iron ore and scrap	6	—	—	—	6	0	0	—	
4420 iron & steel scrap	6	—	—	—	6	0	0	—	
Subtotal other non-metal. min.	20	—	—	19	—	1	1	—	
4900 non-metal. min. nec	20	—	—	19	—	1	1	—	
Total primary manufactured goods	222	119	—	—	—	103	97	6	
Subtotal paper products	11	—	—	—	—	11	11	0	
5110 newsprint	0	—	—	—	—	0	0	—	
5120 paper & paperboard	0	—	—	—	—	0	0	—	
5190 paper products nec	11	—	—	—	—	11	11	0	
Subtotal lime, cement and glass	152	119	—	—	—	33	32	1	
5220 cement & concrete	121	119	—	—	—	2	1	0	
5240 glass & glass prod.	1	0	—	—	—	1	1	0	
5290 misc. mineral prod.	30	—	—	—	—	30	29	1	
Subtotal primary iron and steel products	3	0	—	—	—	3	3	0	
5330 i&s plates & sheets	0	—	—	—	—	0	—	0	
5360 i&s bars & shapes	2	—	—	—	—	2	2	—	
5370 i&s pipe & tube	1	—	—	—	—	1	1	0	
5390 primary i&s nec	0	0	—	—	—	—	—	—	
Subtotal primary non-ferrous metal products	40	—	—	—	—	40	35	4	
5480 fab. metal products	40	—	—	—	—	40	35	4	
Subtotal primary wood products	16	—	—	—	—	16	16	0	
5540 primary wood prod.	16	—	—	—	—	16	16	0	
Total food and farm products	354	—	24	0	—	330	313	17	
Subtotal fish	27	—	14	0	—	13	—	13	
6134 fish (not shellfish)	26	—	13	0	—	13	—	13	
6136 shellfish	0	—	0	—	—	0	—	0	
Subtotal processed grain and animal feed	1	—	0	—	—	0	0	—	
6747 grain mill products	0	—	—	—	—	0	0	—	
6781 hay & fodder	0	—	—	—	—	0	0	—	
6782 animal feed, prep.	1	—	0	—	—	0	0	—	
Subtotal other agricultural products	326	—	10	—	—	316	313	4	
6822 dairy products	0	—	—	—	—	0	0	—	
6835 fish, prepared	13	—	10	—	—	3	—	3	
6838 tallow, animal oils	0	—	0	—	—	—	—	—	
6885 alcoholic beverages	0	—	—	—	—	0	0	0	
6887 groceries	312	—	—	—	—	312	312	0	
6889 food products nec	0	—	—	—	—	0	0	—	
6899 farm products nec	0	—	—	—	—	0	0	—	
Total all manufactured equipment, machinery and products	1,200	0	0	—	—	1,200	1,043	157	
7110 machinery (not elec)	6	—	—	—	—	6	4	2	
7120 electrical machinery	0	—	—	—	—	0	0	0	
7210 vehicles & parts	89	—	—	—	—	89	73	16	
7220 aircraft & parts	0	—	—	—	—	0	0	—	
7230 ships & boats	0	—	—	—	—	0	0	0	
7400 manufac. wood prod.	6	—	—	—	—	6	5	1	
7500 textile products	0	—	—	—	—	0	0	—	
7600 rubber & plastic pr.	0	—	—	—	—	0	0	0	
7900 manufac. prod. nec	1,098	0	0	—	—	1,098	961	137	
Total waste and scrap nec	0	—	—	—	—	0	—	0	
8900 waste and scrap nec	0	—	—	—	—	0	—	0	
Total unknown or not elsewhere classified	0	0	0	—	—	0	0	—	
9900 unknown or nec	0	0	0	—	—	0	0	—	

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)

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
1999	793	2002	1,166	2005	1,151	2008	1,024
2000	655	2003	1,113	2006	1,188		
2001	899	2004	1,051	2007	1,045		

Freight Traffic, 2008 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	701	73	542	67	18
Total petroleum and petroleum products	125	57	---	67	---
Subtotal petroleum products	125	57	---	67	---
2211 gasoline	39	11	---	28	---
2330 distillate fuel oil	86	46	---	39	---
Total chemicals and related products	2	0	1	---	---
Subtotal fertilizers	1	---	1	---	---
3120 phosphatic fert.	1	---	1	---	---
Subtotal other chemicals and related products	1	0	0	---	---
3219 other hydrocarbons	0	0	---	---	---
3220 alcohols	0	0	---	---	---
3250 organo - inorg. comp.	0	0	0	---	---
3282 pigments & paints	0	0	---	---	---
3286 plastics	0	0	0	---	---
Total crude materials, inedible except fuels	46	---	46	---	---
Subtotal forest products, wood and chips	45	---	45	---	---
4170 wood in the rough	45	---	45	---	---
Subtotal iron ore and scrap	0	---	0	---	---
4420 iron & steel scrap	0	---	0	---	---
Subtotal sulphur, clay and salt	0	---	0	---	---
4782 clay & refrac. mat.	0	---	0	---	---
Total primary manufactured goods	9	8	1	---	---
Subtotal paper products	5	5	0	---	---
5120 paper & paperboard	0	0	---	---	---
5190 paper products nec	5	5	0	---	---
Subtotal lime, cement and glass	2	2	---	---	---
5220 cement & concrete	2	2	---	---	---
Subtotal primary iron and steel products	1	1	0	---	---
5320 i&s primary forms	0	---	0	---	---
5330 i&s plates & sheets	0	0	---	---	---
5360 i&s bars & shapes	1	1	0	---	---
5370 i&s pipe & tube	0	0	---	---	---
Subtotal primary non-ferrous metal products	1	0	1	---	---
5429 smelted prod. nec	1	---	1	---	---
5480 fab. metal products	0	0	0	---	---
Total food and farm products	515	7	490	---	18
Subtotal fish	407	3	386	---	18
6134 fish (not shellfish)	392	2	372	---	18
6136 shellfish	15	1	13	---	---
Subtotal grain	0	---	0	---	---
6344 corn	0	---	0	---	---
Subtotal processed grain and animal feed	2	---	2	---	---
6782 animal feed, prep.	2	---	2	---	---
Subtotal other agricultural products	106	4	102	---	0
6811 meat, fresh, frozen	0	---	0	---	---
6817 meat, prepared	0	---	0	---	---
6822 dairy products	0	---	0	---	---
6835 fish, prepared	99	1	98	---	0
6838 tallow, animal oils	3	---	3	---	---
6839 animals & prod. nec	1	1	---	---	---
6861 sugar	0	0	---	---	---
6889 food products nec	2	2	---	---	---
6899 farm products nec	0	---	0	---	---
Total all manufactured equipment, machinery and products	2	1	1	---	---
7110 machinery (not elec)	0	0	---	---	---
7120 electrical machinery	0	0	0	---	---
7210 vehicles & parts	0	---	0	---	---
7230 ships & boats	0	0	---	---	---
7500 textile products	1	0	0	---	---
7600 rubber & plastic pr.	0	0	0	---	---
7900 manufac. prod. nec	1	0	0	---	---
Total unknown or not elsewhere classified	2	0	2	---	---
9900 unknown or nec	2	0	2	---	---
Ton-miles (x1000)	22,428	2,350	17,335	2,152	591
Foreign & Canadian					

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Intra	
				Upbound	Downbnd
Total, all commodities	324	170	123	27	4
Total petroleum and petroleum products	189	137	22	27	4
Subtotal petroleum products	189	137	22	27	4
2211 gasoline	30	14	11	6	—
2330 distillate fuel oil	148	111	12	21	4
2340 residual fuel oil	11	11	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—
2990 petro. products nec	0	0	0	—	—
Total chemicals and related products	0	0	0	—	—
Subtotal other chemicals and related products	0	0	0	—	—
3211 acyclic hydrocarbons	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—
3276 metallic salts	0	0	—	—	—
3282 pigments & paints	0	—	0	—	—
3299 chem. products nec	0	0	—	—	—
Total crude materials, inedible except fuels	4	3	1	—	—
Subtotal forest products, wood and chips	0	0	0	—	—
4189 lumber	0	0	0	—	—
Subtotal soil, sand, gravel, rock and stone	0	0	—	—	—
4331 sand & gravel	0	0	—	—	—
Subtotal iron ore and scrap	0	—	0	—	—
4420 iron & steel scrap	0	—	0	—	—
Subtotal other non-metal. min.	3	3	1	—	—
4900 non-metal. min. nec	3	3	1	—	—
Total primary manufactured goods	9	9	0	—	—
Subtotal paper products	3	3	0	—	—
5190 paper products nec	3	3	0	—	—
Subtotal lime, cement and glass	1	1	0	—	—
5220 cement & concrete	1	1	—	—	—
5290 misc. mineral prod.	0	0	0	—	—
Subtotal primary iron and steel products	0	0	—	—	—
5370 i&s pipe & tube	0	0	—	—	—
Subtotal primary non-ferrous metal products	4	4	0	—	—
5480 fab. metal products	4	4	0	—	—
Subtotal primary wood products	0	0	—	—	—
5540 primary wood prod.	0	0	—	—	—
Total food and farm products	35	0	35	—	—
Subtotal fish	32	0	32	—	—
6134 fish (not shellfish)	29	0	29	—	—
6136 shellfish	3	—	3	—	—
Subtotal vegetable products	0	0	0	—	—
6654 vegetables & prod.	0	0	0	—	—
Subtotal other agricultural products	3	0	3	—	—
6811 meat, fresh, frozen	0	0	0	—	—
6835 fish, prepared	3	—	3	—	—
6858 fruit juices	0	0	0	—	—
6887 groceries	0	0	—	—	—
6889 food products nec	0	0	—	—	—
Total all manufactured equipment, machinery and products	85	21	64	—	—
7110 machinery (not elec)	1	1	0	—	—
7120 electrical machinery	0	0	0	—	—
7210 vehicles & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	1	1	0	—	—
7500 textile products	0	0	—	—	—
7900 manufac. prod. nec	82	19	64	—	—
Total waste and scrap nec	0	—	0	—	—
8900 waste and scrap nec	0	—	0	—	—
Ton-miles (x1000)	9,410	5,450	3,930	27	4
Domestic					
Tons All Traffic (x1000)				1,024	
Ton-miles All Traffic (x1000)				31,838	
Total Trip-ton-miles Internal and Intraport (x1000)				30	

ILIULIUK HARBOR, UNALASKA

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1999	529	2002	948	2005	618	2008	604
2000	347	2003	832	2006	274		
2001	670	2004	1,467	2007	532		

Freight Traffic, 2008 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		
							Receipts	Shipments	
Total, all commodities	604	49	364	57	8	126	79	43	4
Total petroleum and petroleum products	173	39	---	57	---	76	61	11	4
Subtotal petroleum products	173	39	---	57	---	76	61	11	4
2211 gasoline	34	---	---	20	---	14	9	5	---
2330 distillate fuel oil	132	39	---	37	---	56	45	7	4
2340 residual fuel oil	6	---	---	---	---	6	6	---	---
2990 petro. products nec	0	---	---	---	---	0	0	0	---
Total chemicals and related products	2	0	1	---	---	0	0	0	---
Subtotal fertilizers	1	---	1	---	---	---	---	---	---
3120 phosphatic fert.	1	---	1	---	---	---	---	---	---
Subtotal other chemicals and related products	0	0	0	---	---	0	0	0	---
3250 organo - inorg. comp.	0	0	0	---	---	---	---	---	---
3276 metallic salts	0	---	---	---	---	0	0	---	---
3282 pigments & paints	0	0	---	---	---	0	---	0	---
3286 plastics	0	0	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	4	---	---	---	---	4	3	1	---
Subtotal forest products, wood and chips	0	---	---	---	---	0	0	0	---
4189 lumber	0	---	---	---	---	0	0	0	---
Subtotal soil, sand, gravel, rock and stone	0	---	---	---	---	0	0	---	---
4331 sand & gravel	0	---	---	---	---	0	0	---	---
Subtotal iron ore and scrap	0	---	---	---	---	0	---	0	---
4420 iron & steel scrap	0	---	---	---	---	0	---	0	---
Subtotal other non-metal. min.	3	---	---	---	---	3	3	1	---
4900 non-metal. min. nec	3	---	---	---	---	3	3	1	---
Total primary manufactured goods	14	4	1	---	---	9	9	0	---
Subtotal paper products	5	2	0	---	---	3	3	0	---
5120 paper & paperboard	0	0	---	---	---	---	---	---	---
5190 paper products nec	5	2	0	---	---	3	3	0	---
Subtotal lime, cement and glass	3	2	---	---	---	1	1	0	---
5220 cement & concrete	3	2	---	---	---	1	1	---	---
5290 misc. mineral prod.	0	---	---	---	---	0	0	0	---
Subtotal primary iron and steel products	1	0	0	---	---	0	0	---	---
5320 i&s primary forms	0	---	0	---	---	---	---	---	---
5360 i&s bars & shapes	0	0	0	---	---	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	0	0	---	---
Subtotal primary non-ferrous metal products	5	0	1	---	---	4	4	0	---
5429 smelted prod. nec	0	---	0	---	---	---	---	---	---
5480 fab. metal products	5	0	0	---	---	4	4	0	---
Subtotal primary wood products	0	---	---	---	---	0	0	---	---
5540 primary wood prod.	0	---	---	---	---	0	0	---	---
Total food and farm products	402	5	359	---	8	30	0	30	---
Subtotal fish	319	3	282	---	8	27	---	27	---
6134 fish (not shellfish)	303	2	270	---	8	23	---	23	---
6136 shellfish	16	1	12	---	---	3	---	3	---
Subtotal vegetable products	0	---	---	---	---	0	0	0	---
6654 vegetables & prod.	0	---	---	---	---	0	0	0	---
Subtotal processed grain and animal feed	2	---	2	---	---	---	---	---	---
6782 animal feed, prep.	2	---	2	---	---	---	---	---	---
Subtotal other agricultural products	80	2	75	---	---	3	0	3	---
6811 meat, fresh, frozen	0	---	0	---	---	0	0	0	---
6817 meat, prepared	0	---	0	---	---	---	---	---	---
6822 dairy products	0	---	0	---	---	---	---	---	---
6835 fish, prepared	76	1	72	---	---	3	---	3	---
6838 tallow, animal oils	3	---	3	---	---	---	---	---	---
6839 animals & prod. nec	1	1	---	---	---	---	---	---	---

ILIULIUK HARBOR, UNALASKA
 Freight Traffic, 2008 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		
							Receipts	Shipments	
6858 fruit juices	0	—	—	—	—	0	0	0	—
6861 sugar	0	0	—	—	—	—	—	—	—
6887 groceries	0	—	—	—	—	0	0	—	—
6889 food products nec	0	0	—	—	—	0	0	—	—
6899 farm products nec	0	—	0	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	8	0	1	—	—	6	6	1	—
7110 machinery (not elec)	1	0	—	—	—	1	1	0	—
7120 electrical machinery	0	0	0	—	—	0	0	0	—
7210 vehicles & parts	0	—	—	—	—	0	0	0	—
7230 ships & boats	0	0	—	—	—	0	0	0	—
7400 manufac. wood prod.	1	—	—	—	—	1	1	0	—
7500 textile products	0	0	0	—	—	0	0	—	—
7600 rubber & plastic pr.	0	0	0	—	—	—	—	—	—
7900 manufac. prod. nec	5	0	0	—	—	4	4	0	—
Total waste and scrap nec	0	—	—	—	—	0	—	0	—
8900 waste and scrap nec	0	—	—	—	—	0	—	0	—
Total unknown or not elsewhere classified	2	0	2	—	—	—	—	—	—
9900 unknown or nec	2	0	2	—	—	—	—	—	—

Other Harbors and Waterways 2008

Harbor or Waterway Project	Commodity	Thousand Short Tons
ATKA ISLAND, AK	2211 gasoline	0
	2330 distillate fuel oil	1
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	3
	6136 shellfish	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	5
BETHEL HARBOR, AK	2211 gasoline	32
	2330 distillate fuel oil	3
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3220 alcohols	0
	3282 pigments & paints	0
	3286 plastics	0
	3297 chemical additives	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4331 sand & gravel	9
	4680 non-ferrous scrap	0
	5120 paper & paperboard	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	2
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	1
	6782 animal feed, prep.	0
	6887 groceries	1
	7110 machinery (not elec)	2
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	1
	Total Tons(x1000)	57
CORDOVA HARBOR, AK	2100 crude petroleum	0
	2211 gasoline	1
	2330 distillate fuel oil	4
	2430 asphalt, tar & pitch	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5220 cement & concrete	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	6134 fish (not shellfish)	14
	6747 grain mill products	0
	6835 fish, prepared	13
	6838 tallow, animal oils	0
	6885 alcoholic beverages	0
	6887 groceries	1
6889 food products nec	0	
6899 farm products nec	0	
7110 machinery (not elec)	1	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
CORDOVA HARBOR, AK - continued	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	3
	Total Tons(x1000)	44
CRAIG HARBOR, AK	2211 gasoline	3
	2330 distillate fuel oil	5
	Total Tons(x1000)	8
DILLINGHAM HARBOR, AK	2211 gasoline	14
	2330 distillate fuel oil	5
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3282 pigments & paints	0
	3293 explosives	0
	4170 wood in the rough	0
	4189 lumber	0
	4331 sand & gravel	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5422 aluminum	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6136 shellfish	0
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	3
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6887 groceries	1
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
7900 manufac. prod. nec	1	
	Total Tons(x1000)	31
DOUGLAS HARBOR, AK	2330 distillate fuel oil	2
	Total Tons(x1000)	2
DRY PASS, AK	No Commerce Reported	
EGEGIK RIVER, AK	2211 gasoline	0
	2330 distillate fuel oil	1
	2990 petro. products nec	0
	5480 fab. metal products	0
	Total Tons(x1000)	1
ELFIN COVE HARBOR, AK	No Commerce Reported	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
GASTINEAU CHANNEL, AK HOMER, AK	No Commerce Reported	
	2100 crude petroleum	127
	2211 gasoline	13
	2330 distillate fuel oil	4
	4741 sulphur, (dry)	17
	Total Tons(x1000)	161
HOONAH HARBOR, AK	2211 gasoline	4
	2330 distillate fuel oil	1
	2340 residual fuel oil	0
	2429 naphtha & solvents	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4338 soil & fill dirt	3
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6136 shellfish	0
	6887 groceries	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
		Total Tons(x1000)	12
HUMBOLDT HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5480 fab. metal products	1
	6134 fish (not shellfish)	5
	7110 machinery (not elec)	0
	7900 manufac. prod. nec	1
	Total Tons(x1000)	9
KAKE HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	0
	2430 asphalt, tar & pitch	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
5240 glass & glass prod.	0	
5290 misc. mineral prod.	0	
5370 i&s pipe & tube	0	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KAKE HARBOR, AK - continued	5480 fab. metal products	0
	5540 primary wood prod.	0
	6781 hay & fodder	0
	6885 alcoholic beverages	0
	6887 groceries	1
	6889 food products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
	Total Tons(x1000)	4
KING COVE LAGOON, AK	2211 gasoline	1
	2330 distillate fuel oil	7
	2340 residual fuel oil	1
	4900 non-metal. min. nec	1
	5190 paper products nec	1
	5480 fab. metal products	1
	6134 fish (not shellfish)	4
	7900 manufac. prod. nec	1
	Total Tons(x1000)	16
KODIAK HARBOR, AK	2211 gasoline	10
	2330 distillate fuel oil	8
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3299 chem. products nec	0
	4170 wood in the rough	22
	6134 fish (not shellfish)	1
	6887 groceries	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7900 manufac. prod. nec	67
	Total Tons(x1000)	107
KUSKOKWIM RIVER, AK	2211 gasoline	38
	2330 distillate fuel oil	5
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3220 alcohols	0
	3282 pigments & paints	0
	3286 plastics	0
	3297 chemical additives	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4331 sand & gravel	9
	4680 non-ferrous scrap	0
	5120 paper & paperboard	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	2
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	1
	6782 animal feed, prep.	0
	6887 groceries	1
	7110 machinery (not elec)	2
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
7400 manufac. wood prod.	1	
7500 textile products	0	
7600 rubber & plastic pr.	0	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KUSKOKWIM RIVER, AK - continued	7900 manufac. prod. nec	1
	8900 waste and scrap nec	1
	Total Tons(x1000)	65
	Total Ton-miles(x1000)	5,478
	Total Trip-ton-miles Internal and Intraport (x1000)	796
METLAKATLA HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3220 alcohols	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	1
	6835 fish, prepared	0
	6887 groceries	0
	6889 food products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	Total Tons(x1000)	5
NAKNEK RIVER, AK	2211 gasoline	7
	2330 distillate fuel oil	9
	2340 residual fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	0
	3220 alcohols	0
	3273 ammonia	0
	3282 pigments & paints	0
	3286 plastics	0
	3297 chemical additives	0
	4189 lumber	1
	4331 sand & gravel	0
	4420 iron & steel scrap	0
	4680 non-ferrous scrap	0
	4900 non-metal. min. nec	1
	5120 paper & paperboard	0
	5190 paper products nec	2
	5220 cement & concrete	0
	5290 misc. mineral prod.	1
	5370 i&s pipe & tube	0
	5480 fab. metal products	4
	5540 primary wood prod.	0
	6134 fish (not shellfish)	10
	6136 shellfish	1
	6654 vegetables & prod.	0
	6811 meat, fresh, frozen	0
	6835 fish, prepared	18
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6887 groceries	1
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
7210 vehicles & parts	0	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
NAKNEK RIVER, AK - continued	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	4
	8900 waste and scrap nec	0
	Total Tons(x1000)	64
	Total Ton-miles(x1000)	110
	Total Trip-ton-miles Internal and Intraport (x1000)	488
NINILCHIK HARBOR, AK NOME, AK	No Commerce Reported	
	2211 gasoline	30
	2330 distillate fuel oil	9
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3120 phosphatic fert.	0
	3220 alcohols	0
	3276 metallic salts	0
	3279 inorganic chem. nec	0
	3282 pigments & paints	0
	3293 explosives	0
	4161 wood chips	0
	4170 wood in the rough	0
	4189 lumber	1
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	1
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6885 alcoholic beverages	0
	6887 groceries	0
	7110 machinery (not elec)	2
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	3
8900 waste and scrap nec	1	
	Total Tons(x1000)	55
OLD HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	Total Tons(x1000)	0
PELICAN HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	6134 fish (not shellfish)	0
	6887 groceries	0
	Total Tons(x1000)	0
PETERSBURG HARBOR, AK	2211 gasoline	2
	2330 distillate fuel oil	4
	2350 lube oil & greases	2
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	1

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PETERSBURG HARBOR, AK - continued	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	1
	4150 fuel wood	0
	4170 wood in the rough	3
	4189 lumber	1
	4190 forest products nec	1
	4338 soil & fill dirt	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	2
	5110 newsprint	0
	5120 paper & paperboard	0
	5190 paper products nec	2
	5220 cement & concrete	3
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	4
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	5
	5540 primary wood prod.	1
	6134 fish (not shellfish)	36
	6136 shellfish	1
	6747 grain mill products	0
	6781 hay & fodder	0
	6822 dairy products	0
	6835 fish, prepared	4
	6885 alcoholic beverages	3
	6887 groceries	17
	6889 food products nec	2
	6899 farm products nec	1
	7110 machinery (not elec)	5
	7120 electrical machinery	1
	7210 vehicles & parts	3
	7220 aircraft & parts	0
	7230 ships & boats	0
	7300 ordnance & access.	0
	7400 manufac. wood prod.	8
	7500 textile products	1
	7600 rubber & plastic pr.	0
7900 manufac. prod. nec	29	
8900 waste and scrap nec	18	
	Total Tons(x1000)	166
PORT ALEXANDER, AK SELDOVIA HARBOR, AK	No Commerce Reported	
	2211 gasoline	0
	Total Tons(x1000)	0
SERGIUS AND WHITESTONE NARROWS, AK	2211 gasoline	7
	2330 distillate fuel oil	9
	2350 lube oil & greases	0
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	2
	4189 lumber	0
	4190 forest products nec	0
	4338 soil & fill dirt	0
4420 iron & steel scrap	0	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
SERGIUS AND WHITESTONE NARROWS, AK - continued	4900 non-metal. min. nec	1	
	5110 newsprint	0	
	5120 paper & paperboard	0	
	5190 paper products nec	1	
	5220 cement & concrete	1	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	1	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	2	
	5540 primary wood prod.	1	
	6134 fish (not shellfish)	31	
	6136 shellfish	0	
	6822 dairy products	0	
	6835 fish, prepared	6	
	6885 alcoholic beverages	1	
	6887 groceries	7	
	6889 food products nec	3	
	6899 farm products nec	0	
	7110 machinery (not elec)	2	
	7120 electrical machinery	0	
	7210 vehicles & parts	2	
	7220 aircraft & parts	0	
	7230 ships & boats	0	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	4	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	15	
	8900 waste and scrap nec	10	
		Total Tons(x1000)	111
		Total Ton-miles(x1000)	2,874
		Total Trip-ton-miles Internal and Intraport (x1000)	22,625
	SITKA HARBOR, AK	2211 gasoline	5
		2330 distillate fuel oil	5
		2350 lube oil & greases	0
		2429 naphtha & solvents	0
		2430 asphalt, tar & pitch	0
		2540 petroleum coke	0
		2640 hydrocarbon & petrol gases, liquefied and gaseous	1
2990 petro. products nec		0	
3110 nitrogenous fert.		0	
3260 organic comp. nec		0	
3276 metallic salts		0	
3282 pigments & paints		0	
3286 plastics		0	
3293 explosives		0	
3299 chem. products nec		0	
4170 wood in the rough		1	
4189 lumber		0	
4190 forest products nec		0	
4331 sand & gravel		8	
4338 soil & fill dirt		0	
4420 iron & steel scrap		0	
4900 non-metal. min. nec		1	
5110 newsprint		0	
5120 paper & paperboard		0	
5190 paper products nec		1	
5220 cement & concrete		1	
5240 glass & glass prod.		0	
5290 misc. mineral prod.		1	
5360 i&s bars & shapes		0	
5370 i&s pipe & tube		0	
5480 fab. metal products		2	
5540 primary wood prod.		1	
6134 fish (not shellfish)		29	
6136 shellfish		0	
6822 dairy products		0	
6835 fish, prepared		4	
6885 alcoholic beverages		1	
6887 groceries		7	
6889 food products nec		3	
6899 farm products nec		0	
7110 machinery (not elec)	2		
7120 electrical machinery	0		
7210 vehicles & parts	1		
7220 aircraft & parts	0		

Other Harbors and Waterways 2008 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SITKA HARBOR, AK - continued	7230 ships & boats	0
	7300 ordnance & access.	0
	7400 manufac. wood prod.	3
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	14
	8900 waste and scrap nec	10
	Total Tons(x1000)	106
SKAGWAY HARBOR, AK	2211 gasoline	10
	2330 distillate fuel oil	4
	2429 naphtha & solvents	21
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	3
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4190 forest products nec	0
	4338 soil & fill dirt	0
	4630 copper ore	33
	5190 paper products nec	0
	5210 lime	1
	5220 cement & concrete	5
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6885 alcoholic beverages	7
	6887 groceries	2
	6889 food products nec	3
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	2
	8900 waste and scrap nec	0
	Total Tons(x1000)	99
STIKINE RIVER, AK	No Commerce Reported	
VALDEZ HARBOR (SMALL BOAT HARBOR), AK	No Commerce Reported	
WRANGELL HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	1
	2340 residual fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3220 alcohols	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
5220 cement & concrete	0	
5240 glass & glass prod.	0	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
WRANGELL HARBOR, AK - continued	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	1
	6136 shellfish	0
	6835 fish, prepared	0
	6885 alcoholic beverages	0
	6887 groceries	1
	6889 food products nec	1
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	Total Tons(x1000)	10
Non-project		
CHATHAM STRAIT, AK	2100 crude petroleum	1
	2211 gasoline	15
	2330 distillate fuel oil	18
	2340 residual fuel oil	2
	2350 lube oil & greases	1
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	3
	2990 petro. products nec	2
	3110 nitrogenous fert.	0
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3273 ammonia	0
	3276 metallic salts	0
	3279 inorganic chem. nec	0
	3282 pigments & paints	1
	3286 plastics	4
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	2
	4150 fuel wood	0
	4161 wood chips	0
	4170 wood in the rough	2
	4189 lumber	20
	4190 forest products nec	3
	4331 sand & gravel	18
	4338 soil & fill dirt	0
	4420 iron & steel scrap	1
	4680 non-ferrous scrap	0
	4690 non-ferrous ores nec	129
	4782 clay & refrac. mat.	0
	4860 slag	1
	4900 non-metal. min. nec	12
	5110 newsprint	4
	5120 paper & paperboard	0
	5190 paper products nec	5
	5210 lime	2
	5220 cement & concrete	53
	5240 glass & glass prod.	3
	5290 misc. mineral prod.	22
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	2
	5390 primary i&s nec	0
	5422 aluminum	0
	5480 fab. metal products	28
	5540 primary wood prod.	9
	6134 fish (not shellfish)	60
	6136 shellfish	8
	6654 vegetables & prod.	0
	6747 grain mill products	0

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project CHATHAM STRAIT, AK - continued	6781 hay & fodder	1
	6782 animal feed, prep.	2
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	32
	6858 fruit juices	0
	6885 alcoholic beverages	4
	6887 groceries	20
	6889 food products nec	22
	6899 farm products nec	2
	7110 machinery (not elec)	15
	7120 electrical machinery	1
	7210 vehicles & parts	9
	7220 aircraft & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	12
	7500 textile products	1
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	101
	8900 waste and scrap nec	13
	9900 unknown or nec	5
		Total Tons(x1000)	679
	Total Ton-miles(x1000)	55,393
	Total Trip-ton-miles Internal and Intraport (x1000)	76,302
CLARENCE STRAIT, AK	2100 crude petroleum	1
	2211 gasoline	55
	2330 distillate fuel oil	38
	2340 residual fuel oil	5
	2350 lube oil & greases	3
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	6
	2990 petro. products nec	3
	3110 nitrogenous fert.	0
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	1
	3273 ammonia	0
	3276 metallic salts	1
	3279 inorganic chem. nec	0
	3282 pigments & paints	1
	3286 plastics	4
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	4
	4150 fuel wood	1
	4161 wood chips	0
	4170 wood in the rough	12
	4189 lumber	25
	4190 forest products nec	5
	4225 pulp & waste paper	0
	4310 building stone	0
	4331 sand & gravel	1
	4338 soil & fill dirt	4
	4420 iron & steel scrap	2
	4680 non-ferrous scrap	0
	4782 clay & refrac. mat.	0
	4860 slag	1
	4900 non-metal. min. nec	7
	5110 newsprint	4
	5120 paper & paperboard	2
	5190 paper products nec	9
	5210 lime	2
	5220 cement & concrete	64
5240 glass & glass prod.	7	
5290 misc. mineral prod.	30	
5360 i&s bars & shapes	3	
5370 i&s pipe & tube	3	
5390 primary i&s nec	0	
5421 copper	0	
5422 aluminum	0	
5480 fab. metal products	41	
5540 primary wood prod.	11	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons	
CLARENCE STRAIT, AK - continued	6134 fish (not shellfish)	78	
	6136 shellfish	9	
	6654 vegetables & prod.	0	
	6747 grain mill products	1	
	6781 hay & fodder	1	
	6782 animal feed, prep.	2	
	6811 meat, fresh, frozen	0	
	6822 dairy products	0	
	6835 fish, prepared	36	
	6858 fruit juices	0	
	6885 alcoholic beverages	32	
	6887 groceries	57	
	6888 water & ice	0	
	6889 food products nec	37	
	6899 farm products nec	2	
	7110 machinery (not elec)	21	
	7120 electrical machinery	3	
	7210 vehicles & parts	17	
	7220 aircraft & parts	0	
	7230 ships & boats	2	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	19	
	7500 textile products	3	
	7600 rubber & plastic pr.	1	
	7900 manufac. prod. nec	148	
	8900 waste and scrap nec	16	
	9900 unknown or nec	0	
		Total Tons(x1000)	849
		Total Ton-miles(x1000)	69,609
		Total Trip-ton-miles Internal and Intraport (x1000)	376,474
	FREDERICK SOUND, AK	2211 gasoline	54
		2330 distillate fuel oil	33
		2340 residual fuel oil	5
		2350 lube oil & greases	2
		2429 naphtha & solvents	0
		2430 asphalt, tar & pitch	2
		2540 petroleum coke	4
2640 hydrocarbon & petrol gases, liquefied and gaseous		4	
2990 petro. products nec		2	
3110 nitrogenous fert.		0	
3220 alcohols		0	
3240 nitrogen func. comp.		0	
3260 organic comp. nec		1	
3276 metallic salts		0	
3282 pigments & paints		1	
3286 plastics		1	
3293 explosives		1	
3297 chemical additives		0	
3299 chem. products nec		4	
4150 fuel wood		0	
4170 wood in the rough		9	
4189 lumber		14	
4190 forest products nec		4	
4225 pulp & waste paper		0	
4310 building stone		0	
4331 sand & gravel		0	
4338 soil & fill dirt		4	
4420 iron & steel scrap		1	
4900 non-metal. min. nec		3	
5110 newsprint		0	
5120 paper & paperboard		2	
5190 paper products nec		4	
5210 lime		2	
5220 cement & concrete		34	
5240 glass & glass prod.		5	
5290 misc. mineral prod.		17	
5360 i&s bars & shapes		3	
5370 i&s pipe & tube		1	
5390 primary i&s nec		0	
5421 copper		0	
5422 aluminum	0		
5480 fab. metal products	20		
5540 primary wood prod.	7		
6134 fish (not shellfish)	38		
6136 shellfish	7		
6654 vegetables & prod.	0		
6781 hay & fodder	0		

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project FREDERICK SOUND, AK - continued	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	11
	6858 fruit juices	0
	6885 alcoholic beverages	30
	6887 groceries	41
	6888 water & ice	0
	6889 food products nec	16
	6899 farm products nec	1
	7110 machinery (not elec)	14
	7120 electrical machinery	2
	7210 vehicles & parts	10
	7220 aircraft & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	11
	7500 textile products	2
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	82
	8900 waste and scrap nec	9
	9900 unknown or nec	5
		Total Tons(x1000)	526
	Total Ton-miles(x1000)	30,049
	Total Trip-ton-miles Internal and Intraport (x1000)	303,507
ICY STRAIT, AK	2100 crude petroleum	1
	2211 gasoline	21
	2330 distillate fuel oil	9
	2340 residual fuel oil	1
	2350 lube oil & greases	1
	2429 naphtha & solvents	21
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	2
	2990 petro. products nec	2
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3273 ammonia	0
	3276 metallic salts	1
	3279 inorganic chem. nec	0
	3282 pigments & paints	0
	3286 plastics	4
	3293 explosives	0
	3297 chemical additives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4161 wood chips	0
	4170 wood in the rough	0
	4189 lumber	20
	4190 forest products nec	2
	4331 sand & gravel	0
	4338 soil & fill dirt	3
	4420 iron & steel scrap	1
	4630 copper ore	39
	4680 non-ferrous scrap	0
	4690 non-ferrous ores nec	129
	4782 clay & refrac. mat.	0
	4860 slag	1
	4900 non-metal. min. nec	12
	5110 newsprint	4
	5120 paper & paperboard	0
	5190 paper products nec	5
5210 lime	2	
5220 cement & concrete	31	
5240 glass & glass prod.	3	
5290 misc. mineral prod.	20	
5360 i&s bars & shapes	2	
5370 i&s pipe & tube	2	
5390 primary i&s nec	0	
5422 aluminum	0	
5480 fab. metal products	26	
5540 primary wood prod.	8	
6134 fish (not shellfish)	31	
6136 shellfish	8	

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
ICY STRAIT, AK - continued	6654 vegetables & prod.	0
	6747 grain mill products	0
	6781 hay & fodder	1
	6782 animal feed, prep.	2
	6811 meat, fresh, frozen	0
	6835 fish, prepared	28
	6858 fruit juices	0
	6885 alcoholic beverages	1
	6887 groceries	12
	6889 food products nec	18
	6899 farm products nec	1
	7110 machinery (not elec)	10
	7120 electrical machinery	0
	7210 vehicles & parts	6
	7230 ships & boats	1
	7400 manufac. wood prod.	8
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	84
	8900 waste and scrap nec	3
	Total Tons(x1000)	592
	Total Ton-miles(x1000)	31,627
	Total Trip-ton-miles Internal and Intraport (x1000)	9,124
KIVALINA, AK	2211 gasoline	13
	2330 distillate fuel oil	40
	2990 petro. products nec	13
	3275 inorg. elem., oxides, & halogen salts	42
	3279 inorganic chem. nec	44
	4690 non-ferrous ores nec	1,309
	5429 smelted prod. nec	1,122
	7900 manufac. prod. nec	3
		Total Tons(x1000)	2,586
NIKISHKA, AK	2100 crude petroleum	2,745
	2211 gasoline	196
	2330 distillate fuel oil	941
	2340 residual fuel oil	237
	2429 naphtha & solvents	3
	2640 hydrocarbon & petrol gases, liquefied and gaseous	910
	3273 ammonia	5
	7110 machinery (not elec)	0
	7230 ships & boats	0
	Total Tons(x1000)	5,037
REVILLAGIGADO CHANNEL, AK	2211 gasoline	96
	2330 distillate fuel oil	86
	2340 residual fuel oil	13
	2350 lube oil & greases	3
	2429 naphtha & solvents	13
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	7
	2990 petro. products nec	5
	3110 nitrogenous fert.	0
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	5
	3273 ammonia	0
	3276 metallic salts	0
	3279 inorganic chem. nec	0
	3282 pigments & paints	1
	3286 plastics	1
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	7
	4150 fuel wood	1
	4161 wood chips	0
	4170 wood in the rough	91
	4189 lumber	27

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons	
Non-project REVILLAGIGADO CHANNEL, AK - continued	4190 forest products nec	6	
	4225 pulp & waste paper	0	
	4310 building stone	0	
	4331 sand & gravel	8	
	4338 soil & fill dirt	4	
	4420 iron & steel scrap	3	
	4680 non-ferrous scrap	0	
	4900 non-metal. min. nec	7	
	5110 newsprint	1	
	5120 paper & paperboard	2	
	5190 paper products nec	8	
	5210 lime	2	
	5220 cement & concrete	40	
	5240 glass & glass prod.	6	
	5290 misc. mineral prod.	31	
	5360 i&s bars & shapes	4	
	5370 i&s pipe & tube	3	
	5390 primary i&s nec	0	
	5421 copper	0	
	5422 aluminum	0	
	5480 fab. metal products	41	
	5540 primary wood prod.	12	
	6134 fish (not shellfish)	90	
	6136 shellfish	10	
	6654 vegetables & prod.	0	
	6747 grain mill products	0	
	6781 hay & fodder	0	
	6782 animal feed, prep.	0	
	6811 meat, fresh, frozen	0	
	6822 dairy products	0	
	6835 fish, prepared	43	
	6858 fruit juices	0	
	6885 alcoholic beverages	35	
	6887 groceries	63	
	6888 water & ice	0	
	6889 food products nec	25	
	6891 tobacco & products	0	
	6899 farm products nec	1	
	7110 machinery (not elec)	20	
	7120 electrical machinery	3	
	7210 vehicles & parts	16	
	7220 aircraft & parts	0	
	7230 ships & boats	3	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	20	
	7500 textile products	4	
	7600 rubber & plastic pr.	2	
	7900 manufac. prod. nec	110	
	8900 waste and scrap nec	30	
	9900 unknown or nec	0	
		Total Tons(x1000)	1,022
		Total Ton-miles(x1000)	45,839
		Total Trip-ton-miles Internal and Intraport (x1000)	487,776
	STEPHENS PASSAGE, AK	2211 gasoline	52
		2330 distillate fuel oil	32
		2340 residual fuel oil	4
		2350 lube oil & greases	5
		2429 naphtha & solvents	0
		2430 asphalt, tar & pitch	1
		2540 petroleum coke	3
		2640 hydrocarbon & petrol gases, liquefied and gaseous		2
2990 petro. products nec		1	
3220 alcohols		0	
3240 nitrogen func. comp.		0	
3260 organic comp. nec		1	
3276 metallic salts		1	
3282 pigments & paints		1	
3286 plastics		0	
3293 explosives		2	
3297 chemical additives		0	
3299 chem. products nec		3	
4150 fuel wood		0	
4170 wood in the rough		8	
4189 lumber		3	
4190 forest products nec		2	
4225 pulp & waste paper		0	
4310 building stone	0		

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
STEPHENS PASSAGE, AK - continued	4331 sand & gravel	0
	4338 soil & fill dirt	7
	4420 iron & steel scrap	0
	4630 copper ore	6
	4900 non-metal. min. nec	1
	5110 newsprint	0
	5120 paper & paperboard	2
	5190 paper products nec	2
	5210 lime	3
	5220 cement & concrete	29
	5240 glass & glass prod.	5
	5290 misc. mineral prod.	6
	5360 i&s bars & shapes	1
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5422 aluminum	0
	5480 fab. metal products	14
	5540 primary wood prod.	2
	6134 fish (not shellfish)	5
	6136 shellfish	0
	6654 vegetables & prod.	0
	6781 hay & fodder	0
	6782 animal feed, prep.	0
	6835 fish, prepared	0
	6885 alcoholic beverages	28
	6887 groceries	33
	6888 water & ice	0
	6889 food products nec	14
	6899 farm products nec	0
	7110 machinery (not elec)	11
	7120 electrical machinery	2
	7210 vehicles & parts	8
	7230 ships & boats	0
	7300 ordnance & access.	0
	7400 manufac. wood prod.	7
	7500 textile products	2
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	57
	8900 waste and scrap nec	2
	9900 unknown or nec	5
	Total Tons(x1000)	374
	Total Ton-miles(x1000)	24,649
	Total Trip-ton-miles Internal and Intraport (x1000)	262,410
SUMNER STRAIT, AK	2100 crude petroleum	1
	2211 gasoline	53
	2330 distillate fuel oil	36
	2340 residual fuel oil	5
	2350 lube oil & greases	3
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	6
	2990 petro. products nec	3
	3110 nitrogenous fert.	0
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	1
	3273 ammonia	0
	3276 metallic salts	1
	3279 inorganic chem. nec	0
	3282 pigments & paints	1
	3286 plastics	4
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	4
	4150 fuel wood	0
	4161 wood chips	0
	4170 wood in the rough	10
	4189 lumber	24
	4190 forest products nec	5
	4225 pulp & waste paper	0
	4310 building stone	0
	4331 sand & gravel	1
	4338 soil & fill dirt	4

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
SUMNER STRAIT, AK - continued	4420 iron & steel scrap	2
	4680 non-ferrous scrap	0
	4782 clay & refrac. mat.	0
	4860 slag	1
	4900 non-metal. min. nec	7
	5110 newsprint	4
	5120 paper & paperboard	2
	5190 paper products nec	8
	5210 lime	2
	5220 cement & concrete	64
	5240 glass & glass prod.	7
	5290 misc. mineral prod.	29
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	3
	5390 primary i&s nec	0
	5421 copper	0
	5422 aluminum	0
	5480 fab. metal products	40
	5540 primary wood prod.	11
	6134 fish (not shellfish)	77
	6136 shellfish	9
	6654 vegetables & prod.	0
	6747 grain mill products	1
	6781 hay & fodder	1
	6782 animal feed, prep.	2
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	36
	6858 fruit juices	0
	6885 alcoholic beverages	32
	6887 groceries	55
	6888 water & ice	0
	6889 food products nec	35
	6899 farm products nec	2
	7110 machinery (not elec)	19
	7120 electrical machinery	3
	7210 vehicles & parts	15
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	18
	7500 textile products	3
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	142
	8900 waste and scrap nec	16
	Total Tons(x1000)	822
	Total Ton-miles(x1000)	24,620
	Total Trip-ton-miles Internal and Intraport (x1000)	370,698
TONGASS NARROWS, AK	2211 gasoline	109
	2330 distillate fuel oil	109
	2340 residual fuel oil	13
	2350 lube oil & greases	3
	2429 naphtha & solvents	13
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	8
	2990 petro. products nec	5
	3110 nitrogenous fert.	0
	3120 phosphatic fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	5
	3273 ammonia	0
	3276 metallic salts	0
	3279 inorganic chem. nec	0
	3282 pigments & paints	1
	3286 plastics	2
	3293 explosives	3
	3297 chemical additives	0
	3299 chem. products nec	7
	4150 fuel wood	1
	4161 wood chips	0
	4170 wood in the rough	93
	4189 lumber	28
	4190 forest products nec	7
	4225 pulp & waste paper	0

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons	
TONGASS NARROWS, AK - continued	4310 building stone	0	
	4331 sand & gravel	8	
	4338 soil & fill dirt	4	
	4420 iron & steel scrap	3	
	4680 non-ferrous scrap	0	
	4900 non-metal. min. nec	7	
	5110 newsprint	1	
	5120 paper & paperboard	2	
	5190 paper products nec	8	
	5210 lime	2	
	5220 cement & concrete	40	
	5240 glass & glass prod.	6	
	5290 misc. mineral prod.	32	
	5360 i&s bars & shapes	4	
	5370 i&s pipe & tube	3	
	5390 primary i&s nec	0	
	5421 copper	0	
	5422 aluminum	0	
	5480 fab. metal products	42	
	5540 primary wood prod.	12	
	6134 fish (not shellfish)	93	
	6136 shellfish	10	
	6654 vegetables & prod.	0	
	6747 grain mill products	0	
	6781 hay & fodder	0	
	6782 animal feed, prep.	0	
	6811 meat, fresh, frozen	0	
	6822 dairy products	0	
	6835 fish, prepared	47	
	6858 fruit juices	0	
	6885 alcoholic beverages	35	
	6887 groceries	65	
	6888 water & ice	0	
	6889 food products nec	28	
	6891 tobacco & products	0	
	6899 farm products nec	1	
	7110 machinery (not elec)	24	
	7120 electrical machinery	4	
	7210 vehicles & parts	19	
	7220 aircraft & parts	0	
	7230 ships & boats	3	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	21	
	7500 textile products	4	
	7600 rubber & plastic pr.	2	
	7900 manufac. prod. nec	119	
	8900 waste and scrap nec	30	
	9900 unknown or nec	0	
		Total Tons(x1000)	1,095
		Total Ton-miles(x1000)	11,426
		Total Trip-ton-miles Internal and Intraport (x1000)	501,501
	WHITTIER HARBOR, AK	2100 crude petroleum	1
		2430 asphalt, tar & pitch	1
		2640 hydrocarbon & petrol gases, liquefied and gaseous	6
		2990 petro. products nec	0
		3110 nitrogenous fert.	0
		3130 potassic fert.	6
		3190 fert. & mixes nec	1
		3220 alcohols	25
3260 organic comp. nec		0	
3274 sodium hydroxide		0	
3275 inorg. elem., oxides, & halogen salts		0	
3276 metallic salts		0	
3282 pigments & paints		0	
3285 perfumes & cleansers		0	
3286 plastics		3	
3293 explosives		0	
3299 chem. products nec		0	
4170 wood in the rough		0	
4189 lumber		10	
4190 forest products nec		0	
4323 gypsum	0		
4331 sand & gravel	2		
4782 clay & refrac. mat.	0		
4860 slag	1		
4900 non-metal. min. nec	6		
5110 newsprint	4		

Other Harbors and Waterways 2008 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project WHITTIER HARBOR, AK - continued	5120 paper & paperboard	9
	5190 paper products nec	2
	5210 lime	3
	5220 cement & concrete	35
	5240 glass & glass prod.	1
	5290 misc. mineral prod.	5
	5320 i&s primary forms	1
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	1
	5370 i&s pipe & tube	0
	5390 primary i&s nec	0
	5480 fab. metal products	10
	5540 primary wood prod.	2
	6134 fish (not shellfish)	15
	6445 oats	0
	6747 grain mill products	1
	6781 hay & fodder	1
	6782 animal feed, prep.	2
	6835 fish, prepared	13
	6838 tallow, animal oils	0
	6885 alcoholic beverages	0
	6887 groceries	9
	6889 food products nec	18
	6899 farm products nec	1
	7110 machinery (not elec)	11
	7120 electrical machinery	0
	7210 vehicles & parts	3
	7230 ships & boats	0
	7400 manufac. wood prod.	3
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	60
	9900 unknown or nec	0
	Total Tons(x1000)	277

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAN DIEGO HARBOR, CA												
	Inbound						Outbound					
Grand Total	9,014	6,903	—	1,805	130	176	8,992	6,902	—	1,803	121	166
FOREIGN												
Total	680	588	—	60	32	—	671	587	—	57	27	—
40	1	1	—	—	—	—	—	—	—	—	—	—
39	2	2	—	—	—	—	—	—	—	—	—	—
38	1	1	—	—	—	—	—	—	—	—	—	—
35	4	4	—	—	—	—	1	1	—	—	—	—
34	6	6	—	—	—	—	2	2	—	—	—	—
33	—	—	—	—	—	—	4	4	—	—	—	—
32	4	4	—	—	—	—	2	2	—	—	—	—
31	18	18	—	—	—	—	4	4	—	—	—	—
30	12	12	—	—	—	—	9	9	—	—	—	—
29	41	41	—	—	—	—	14	14	—	—	—	—
28	54	54	—	—	—	—	24	24	—	—	—	—
27	148	148	—	—	—	—	125	125	—	—	—	—
26	128	128	—	—	—	—	175	175	—	—	—	—
25	76	76	—	—	—	—	93	93	—	—	—	—
24	39	39	—	—	—	—	56	56	—	—	—	—
23	9	9	—	—	—	—	23	23	—	—	—	—
22	6	6	—	—	—	—	6	6	—	—	—	—
21	8	8	—	—	—	—	9	9	—	—	—	—
20	4	4	—	—	—	—	7	7	—	—	—	—
19	2	2	—	—	—	—	3	3	—	—	—	—
≤ 18	117	25	—	60	32	—	114	30	—	57	27	—
DOMESTIC												
Total	8,334	6,315	—	1,745	98	176	8,321	6,315	—	1,746	94	166
≤ 18	8,334	6,315	—	1,745	98	176	8,321	6,315	—	1,746	94	166
Total trips:											18,006	
LONG BEACH HARBOR, CA												
	Inbound						Outbound					
Grand Total	24,398	5,573	619	11,551	5,579	1,076	24,172	5,571	569	11,560	5,546	926
FOREIGN												
Total	2,469	1,948	475	25	20	1	2,476	1,976	443	30	26	1
68	—	—	—	—	—	—	3	—	3	—	—	—
65	1	—	1	—	—	—	—	—	—	—	—	—
63	5	—	5	—	—	—	—	—	—	—	—	—
62	3	—	3	—	—	—	—	—	—	—	—	—
61	1	—	1	—	—	—	—	—	—	—	—	—
60	3	—	3	—	—	—	1	—	1	—	—	—
59	3	—	3	—	—	—	—	—	—	—	—	—
58	4	—	4	—	—	—	—	—	—	—	—	—
57	6	1	5	—	—	—	—	—	—	—	—	—
56	8	—	8	—	—	—	3	—	3	—	—	—
55	9	—	9	—	—	—	1	—	1	—	—	—
54	7	—	7	—	—	—	1	—	1	—	—	—
53	8	—	8	—	—	—	—	—	—	—	—	—
52	5	—	5	—	—	—	4	—	4	—	—	—
51	5	—	5	—	—	—	—	—	—	—	—	—
50	7	—	7	—	—	—	5	—	5	—	—	—
49	8	—	8	—	—	—	2	—	2	—	—	—
48	4	—	4	—	—	—	6	—	6	—	—	—
47	3	—	3	—	—	—	6	2	4	—	—	—
46	10	—	10	—	—	—	9	3	6	—	—	—
45	30	11	19	—	—	—	31	26	5	—	—	—
44	29	13	16	—	—	—	23	16	7	—	—	—
43	47	38	9	—	—	—	25	17	8	—	—	—
42	64	55	9	—	—	—	39	32	7	—	—	—
41	66	48	18	—	—	—	23	21	2	—	—	—
40	110	94	16	—	—	—	101	94	7	—	—	—
39	95	65	30	—	—	—	74	68	6	—	—	—
38	76	51	25	—	—	—	133	118	15	—	—	—
37	220	197	23	—	—	—	165	145	20	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

LONG BEACH HARBOR, CA - continued

Inbound

Outbound

FOREIGN

36	84	63	21	—	—	—	111	94	16	1	—	—
35	115	103	12	—	—	—	85	75	10	—	—	—
34	93	74	19	—	—	—	120	104	16	—	—	—
33	97	70	27	—	—	—	206	165	41	—	—	—
32	207	191	16	—	—	—	156	141	15	—	—	—
31	73	61	12	—	—	—	71	64	7	—	—	—
30	159	152	7	—	—	—	118	99	19	—	—	—
29	90	75	15	—	—	—	59	38	21	—	—	—
28	142	130	12	—	—	—	114	68	46	—	—	—
27	95	80	12	2	—	1	129	110	19	—	—	—
26	128	114	14	—	—	—	195	171	24	—	—	—
25	76	73	3	—	—	—	95	72	23	—	—	—
24	49	36	13	—	—	—	89	64	25	—	—	—
23	55	46	9	—	—	—	50	43	7	—	—	—
22	22	17	5	—	—	—	27	27	—	—	—	—
21	32	27	5	—	—	—	61	45	16	—	—	—
20	20	12	8	—	—	—	17	10	7	—	—	—
19	12	12	—	—	—	—	15	12	3	—	—	—
≤ 18	83	39	1	23	20	—	103	32	15	29	26	1

DOMESTIC

Total	21,929	3,625	144	11,526	5,559	1,075	21,696	3,595	126	11,530	5,520	925
61	6	—	6	—	—	—	6	—	6	—	—	—
59	3	—	3	—	—	—	—	—	—	—	—	—
58	1	—	1	—	—	—	—	—	—	—	—	—
51	4	—	4	—	—	—	—	—	—	—	—	—
50	1	—	1	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
48	—	—	—	—	—	—	1	—	1	—	—	—
46	1	—	1	—	—	—	4	—	4	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	—	—	—	—	—	—	2	—	2	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	—	—	—	—	—	—	1	—	1	—	—	—
41	—	—	—	—	—	—	2	—	2	—	—	—
40	5	—	5	—	—	—	9	5	4	—	—	—
39	3	—	3	—	—	—	4	3	1	—	—	—
38	8	1	7	—	—	—	21	8	13	—	—	—
37	8	1	7	—	—	—	15	7	8	—	—	—
36	15	8	7	—	—	—	10	8	2	—	—	—
35	12	6	6	—	—	—	14	7	7	—	—	—
34	14	9	5	—	—	—	9	7	2	—	—	—
33	32	17	15	—	—	—	17	15	2	—	—	—
32	24	16	8	—	—	—	12	9	3	—	—	—
31	19	15	4	—	—	—	9	5	4	—	—	—
30	21	19	2	—	—	—	4	1	3	—	—	—
29	9	7	2	—	—	—	1	—	1	—	—	—
28	10	8	1	—	—	1	—	—	—	—	—	—
27	3	1	1	—	—	1	3	1	1	—	—	1
26	7	2	1	—	—	4	—	—	—	—	—	—
25	7	1	3	—	—	3	13	1	5	—	—	7
24	8	—	—	—	—	8	9	1	—	—	—	8
23	1	—	—	—	—	1	3	—	2	—	—	1
22	656	652	3	—	—	1	658	651	4	—	—	3
21	5	—	2	—	—	3	10	—	7	—	—	3
20	4	—	2	—	—	2	5	—	2	—	—	3
19	6	—	—	—	—	6	1	—	—	—	—	1
≤ 18	21,033	2,862	41	11,526	5,559	1,045	20,853	2,866	39	11,530	5,520	898
Total trips:											48,570	

LOS ANGELES HARBOR, CA

Inbound

Outbound

Grand Total	10,749	4,019	184	4,580	337	1,629	10,850	4,007	215	4,571	352	1,705
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FOREIGN

Total	2,115	1,967	137	6	3	2	2,141	1,959	161	16	4	1
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Trips and Drafts of Vessels, 2008
(draft in feet)

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

LOS ANGELES HARBOR, CA - continued

	Inbound						Outbound					
FOREIGN												
56	—	—	—	—	—	—	1	—	1	—	—	—
53	3	—	3	—	—	—	1	—	1	—	—	—
52	1	—	1	—	—	—	—	—	—	—	—	—
50	1	—	1	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	1	1	—	—	—	—
48	1	—	1	—	—	—	1	1	—	—	—	—
46	1	1	—	—	—	—	1	—	1	—	—	—
45	6	4	2	—	—	—	2	2	—	—	—	—
44	11	10	1	—	—	—	2	—	2	—	—	—
43	23	23	—	—	—	—	11	8	3	—	—	—
42	74	74	—	—	—	—	12	12	—	—	—	—
41	76	75	1	—	—	—	21	21	—	—	—	—
40	174	172	2	—	—	—	118	117	1	—	—	—
39	107	101	6	—	—	—	77	71	6	—	—	—
38	236	231	5	—	—	—	127	125	2	—	—	—
37	174	163	11	—	—	—	136	127	9	—	—	—
36	127	117	10	—	—	—	182	175	7	—	—	—
35	82	78	4	—	—	—	277	274	3	—	—	—
34	91	84	7	—	—	—	91	88	3	—	—	—
33	64	57	7	—	—	—	94	87	7	—	—	—
32	59	55	4	—	—	—	75	62	13	—	—	—
31	55	51	4	—	—	—	47	44	3	—	—	—
30	53	45	8	—	—	—	52	43	9	—	—	—
29	64	53	11	—	—	—	68	50	18	—	—	—
28	88	79	9	—	—	—	118	98	20	—	—	—
27	109	100	9	—	—	—	82	74	8	—	—	—
26	80	70	10	—	—	—	58	48	10	—	—	—
25	208	205	3	—	—	—	246	239	7	—	—	—
24	41	36	5	—	—	—	38	31	7	—	—	—
23	28	25	3	—	—	—	28	25	3	—	—	—
≤ 22	77	58	8	6	3	2	174	136	17	16	4	1

DOMESTIC

Total	8,634	2,052	47	4,574	334	1,627	8,709	2,048	54	4,555	348	1,704
40	1	—	1	—	—	—	—	—	—	—	—	—
37	5	—	5	—	—	—	4	—	4	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	6	—	6	—	—	—	3	—	3	—	—	—
34	7	—	7	—	—	—	4	—	4	—	—	—
33	3	—	3	—	—	—	2	—	2	—	—	—
32	3	—	3	—	—	—	1	—	1	—	—	—
31	1	—	1	—	—	—	4	—	4	—	—	—
30	2	—	2	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	1	—	1	—	—	—
28	5	—	1	—	—	4	3	—	2	—	—	1
27	17	—	2	—	—	15	18	—	4	—	—	14
26	8	—	—	—	—	8	9	—	1	—	—	8
25	43	—	3	—	—	40	45	—	5	—	—	40
24	19	—	—	—	—	19	20	—	1	—	—	19
23	3	—	—	—	—	3	—	—	—	—	—	—
≤ 22	8,508	2,051	11	4,574	334	1,538	8,595	2,048	22	4,555	348	1,622
										Total trips:		21,599

PORT HUENEME, CA

	Inbound						Outbound					
Grand Total	618	517	8	49	41	3	630	519	9	48	51	3
FOREIGN												
Total	330	322	8	—	—	—	335	326	9	—	—	—
35	8	1	7	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	2	2	—	—	—	—
33	1	1	—	—	—	—	2	2	—	—	—	—
32	10	10	—	—	—	—	—	—	—	—	—	—
31	14	14	—	—	—	—	3	3	—	—	—	—
30	54	54	—	—	—	—	5	3	2	—	—	—
29	15	14	1	—	—	—	20	14	6	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT HUENEME, CA - continued												
	Inbound						Outbound					
FOREIGN												
28	32	32	—	—	—	—	16	15	1	—	—	—
27	22	22	—	—	—	—	23	23	—	—	—	—
26	33	33	—	—	—	—	33	33	—	—	—	—
25	54	54	—	—	—	—	80	80	—	—	—	—
24	34	34	—	—	—	—	28	28	—	—	—	—
23	14	14	—	—	—	—	46	46	—	—	—	—
22	19	19	—	—	—	—	11	11	—	—	—	—
21	6	6	—	—	—	—	34	34	—	—	—	—
20	6	6	—	—	—	—	17	17	—	—	—	—
19	4	4	—	—	—	—	6	6	—	—	—	—
≤ 18	3	3	—	—	—	—	9	9	—	—	—	—
DOMESTIC												
Total	288	195	—	49	41	3	295	193	—	48	51	3
≤ 18	288	195	—	49	41	3	295	193	—	48	51	3
										Total trips:	1,248	
MISSION BAY, CA (8 feet and less)												
	Inbound						Outbound					
Grand Total	5	—	—	5	—	—	5	—	—	5	—	—
										Total trips:	10	
MORRO BAY HARBOR, CA No Vessel Trips Reported												
NEWPORT BAY HARBOR, CA (13 feet and less)												
	Inbound						Outbound					
Grand Total	72,941	72,938	—	3	—	—	72,941	72,938	—	3	—	—
										Total trips:	145,882	
OCEANSIDE HARBOR, CA No Vessel Trips Reported												
REDONDO BEACH, CA (10 feet and less)												
	Inbound						Outbound					
Grand Total	16	10	—	5	1	—	17	11	—	5	1	—
										Total trips:	33	
SANTA BARBARA HARBOR, CA (7 feet and less)												
	Inbound						Outbound					
Grand Total	12	12	—	—	—	—	15	15	—	—	—	—
										Total trips:	27	
ELLWOOD, CA (18 feet and less)												
	Inbound						Outbound					
Grand Total	6,169	6,104	—	24	—	41	6,155	6,110	—	23	—	22
										Total trips:	12,324	

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SACRAMENTO RIVER, CA												
				Upbound						Downbound		
Grand Total	181	38	3	72	68	—	168	39	1	68	60	—
FOREIGN												
Total	41	38	3	—	—	—	40	39	1	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
33	—	—	—	—	—	—	5	5	—	—	—	—
32	4	2	2	—	—	—	—	—	—	—	—	—
30	12	12	—	—	—	—	5	5	—	—	—	—
29	2	2	—	—	—	—	2	1	1	—	—	—
28	3	2	1	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	5	5	—	—	—	—
26	5	5	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	4	4	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	7	7	—	—	—	—
20	4	4	—	—	—	—	1	1	—	—	—	—
19	4	4	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
7	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	140	—	—	72	68	—	128	—	—	68	60	—
12	1	—	—	—	1	—	—	—	—	—	—	—
11	8	—	—	—	8	—	7	—	—	—	7	—
10	6	—	—	—	6	—	5	—	—	—	5	—
9	31	—	—	31	—	—	29	—	—	29	—	—
7	4	—	—	4	—	—	4	—	—	4	—	—
≤ 6	90	—	—	37	53	—	83	—	—	35	48	—
											Total trips:	349

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA												
				Upbound						Downbound		
Grand Total	41	38	3	—	—	—	40	39	1	—	—	—
FOREIGN												
Total	41	38	3	—	—	—	40	39	1	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
33	—	—	—	—	—	—	5	5	—	—	—	—
32	4	2	2	—	—	—	—	—	—	—	—	—
30	12	12	—	—	—	—	5	5	—	—	—	—
29	2	2	—	—	—	—	2	1	1	—	—	—
28	3	2	1	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	5	5	—	—	—	—
26	5	5	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	4	4	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	7	7	—	—	—	—
20	4	4	—	—	—	—	1	1	—	—	—	—
19	4	4	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
7	—	—	—	—	—	—	1	1	—	—	—	—
											Total trips:	81

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SACRAMENTO, CA

	Inbound						Outbound					
Grand Total	46	38	3	5	—	—	45	39	1	5	—	—

FOREIGN

Total	41	38	3	—	—	—	40	39	1	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
33	—	—	—	—	—	—	5	5	—	—	—	—
32	4	2	2	—	—	—	—	—	—	—	—	—
30	12	12	—	—	—	—	5	5	—	—	—	—
29	2	2	—	—	—	—	2	1	1	—	—	—
28	3	2	1	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	5	5	—	—	—	—
26	5	5	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	4	4	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	7	7	—	—	—	—
20	4	4	—	—	—	—	1	1	—	—	—	—
19	4	4	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
7	—	—	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	5	—	—	5	—	—	5	—	—	5	—	—
9	1	—	—	1	—	—	1	—	—	1	—	—
7	4	—	—	4	—	—	4	—	—	4	—	—
Total trips:												91

SAN JOAQUIN RIVER, CA

	Upbound						Downbound					
Grand Total	306	145	36	81	25	19	303	144	41	79	20	19

FOREIGN

Total	181	143	36	1	1	—	187	143	41	2	1	—
39	—	—	—	—	—	—	1	1	—	—	—	—
38	—	—	—	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
36	—	—	—	—	—	—	1	—	1	—	—	—
35	—	—	—	—	—	—	6	6	—	—	—	—
34	2	2	—	—	—	—	13	13	—	—	—	—
33	5	1	4	—	—	—	6	5	1	—	—	—
32	20	15	5	—	—	—	9	9	—	—	—	—
31	29	18	11	—	—	—	8	8	—	—	—	—
30	7	6	1	—	—	—	7	3	4	—	—	—
29	13	4	9	—	—	—	11	7	3	1	—	—
28	6	5	1	—	—	—	10	3	7	—	—	—
27	10	10	—	—	—	—	7	6	1	—	—	—
26	10	8	2	—	—	—	10	6	4	—	—	—
25	13	12	1	—	—	—	11	8	3	—	—	—
24	11	10	1	—	—	—	16	13	3	—	—	—
23	16	16	—	—	—	—	18	12	6	—	—	—
22	10	9	1	—	—	—	12	11	1	—	—	—
21	7	7	—	—	—	—	10	9	1	—	—	—
20	3	3	—	—	—	—	12	9	3	—	—	—
19	5	5	—	—	—	—	5	4	1	—	—	—
18	8	8	—	—	—	—	6	5	1	—	—	—
17	2	2	—	—	—	—	1	1	—	—	—	—
16	1	1	—	—	—	—	1	1	—	—	—	—
15	1	—	—	—	—	1	1	—	—	—	1	—
14	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	2	1	—	1	—	—	2	1	—	1	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SAN JOAQUIN RIVER, CA - continued

Upbound							Downbound					
DOMESTIC												
Total	125	2	—	80	24	19	116	1	—	77	19	19
17	20	—	—	19	1	—	19	—	—	19	—	—
16	22	—	—	20	2	—	18	—	—	18	—	—
15	13	—	—	13	—	—	13	—	—	13	—	—
14	4	—	—	2	2	—	4	—	—	4	—	—
13	1	—	—	—	—	1	—	—	—	—	—	—
≤ 12	65	2	—	26	19	18	62	1	—	23	19	19
Total trips:											609	

STOCKTON, CA

Inbound							Outbound					
Grand Total	165	95	29	21	1	19	163	89	33	21	1	19

FOREIGN

Total	124	93	29	1	1	—	123	88	33	1	1	—
39	—	—	—	—	—	—	1	1	—	—	—	—
38	—	—	—	—	—	—	1	1	—	—	—	—
34	1	1	—	—	—	—	1	1	—	—	—	—
33	3	—	3	—	—	—	—	—	—	—	—	—
32	11	7	4	—	—	—	6	6	—	—	—	—
31	16	5	11	—	—	—	2	2	—	—	—	—
30	5	4	1	—	—	—	6	2	4	—	—	—
29	13	4	9	—	—	—	7	5	2	—	—	—
28	2	2	—	—	—	—	8	2	6	—	—	—
27	10	10	—	—	—	—	4	3	1	—	—	—
26	6	6	—	—	—	—	10	6	4	—	—	—
25	10	10	—	—	—	—	6	5	1	—	—	—
24	8	8	—	—	—	—	12	9	3	—	—	—
23	14	14	—	—	—	—	14	8	6	—	—	—
22	7	6	1	—	—	—	11	10	1	—	—	—
21	6	6	—	—	—	—	10	9	1	—	—	—
20	2	2	—	—	—	—	11	8	3	—	—	—
19	4	4	—	—	—	—	4	4	—	—	—	—
≤ 18	6	4	—	1	1	—	9	6	1	1	1	—

DOMESTIC

Total	41	2	—	20	—	19	40	1	—	20	—	19
≤ 18	41	2	—	20	—	19	40	1	—	20	—	19
Total trips:											328	

MIDDLE RIVER, CA
No Vessel Trips Reported

MOKELUMNE RIVER, CA
No Vessel Trips Reported

OLD RIVER, CA
No Vessel Trips Reported

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SAN FRANCISCO BAY ENTRANCE, CA

	Upbound						Downbound					
Grand Total	3,996	2,561	810	286	19	320	4,069	2,555	798	317	22	377

FOREIGN

Total	3,037	2,389	613	21	4	10	3,055	2,392	608	34	7	14
47	3	3	—	—	—	—	—	—	—	—	—	—
46	2	2	—	—	—	—	1	1	—	—	—	—
45	14	14	—	—	—	—	3	3	—	—	—	—
44	11	10	1	—	—	—	6	6	—	—	—	—
43	15	12	3	—	—	—	15	15	—	—	—	—
42	27	13	14	—	—	—	24	24	—	—	—	—
41	64	43	21	—	—	—	49	47	2	—	—	—
40	110	77	32	—	—	1	84	74	9	—	—	1
39	166	102	64	—	—	—	110	106	4	—	—	—
38	139	88	51	—	—	—	158	142	16	—	—	—
37	178	120	58	—	—	—	194	174	20	—	—	—
36	135	115	19	—	—	1	179	157	22	—	—	—
35	163	148	15	—	—	—	122	108	13	1	—	—
34	142	127	15	—	—	—	124	112	11	1	—	—
33	172	156	16	—	—	—	142	118	23	1	—	—
32	632	590	42	—	—	—	194	79	114	—	—	1
31	135	86	49	—	—	—	87	51	36	—	—	—
30	91	77	14	—	—	—	597	565	31	—	—	1
29	93	63	30	—	—	—	120	71	44	5	—	—
28	121	94	27	—	—	—	128	53	75	—	—	—
27	130	95	35	—	—	—	204	123	77	2	—	2
26	97	71	26	—	—	—	101	76	24	—	—	1
25	124	96	28	—	—	—	53	46	6	1	—	—
24	54	39	15	—	—	—	106	87	19	—	—	—
23	50	36	13	1	—	—	48	32	11	3	—	2
22	44	28	10	6	—	—	43	27	12	3	—	1
21	22	18	3	—	—	1	39	27	11	1	—	—
20	17	14	3	—	—	—	24	12	9	1	—	2
19	25	19	3	1	—	1	28	23	5	—	—	—
≤ 18	61	33	6	13	3	6	72	33	14	15	7	3

DOMESTIC

Total	959	172	197	265	15	310	1,014	163	190	283	15	363
46	1	—	1	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
41	4	—	4	—	—	—	4	—	4	—	—	—
40	6	—	6	—	—	—	6	—	6	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	11	3	8	—	—	—	11	3	8	—	—	—
37	10	—	10	—	—	—	18	9	9	—	—	—
36	19	12	7	—	—	—	22	12	10	—	—	—
35	27	13	14	—	—	—	27	13	14	—	—	—
34	29	16	13	—	—	—	31	17	14	—	—	—
33	30	16	14	—	—	—	20	12	8	—	—	—
32	25	16	9	—	—	—	24	15	9	—	—	—
31	36	13	23	—	—	—	36	13	23	—	—	—
30	12	6	6	—	—	—	9	6	3	—	—	—
29	10	6	3	—	—	1	3	2	1	—	—	—
28	14	7	5	—	—	2	8	—	2	—	—	6
27	23	1	6	—	—	16	19	1	1	—	—	17
26	24	1	2	—	—	21	23	1	1	—	—	21
25	29	—	3	—	—	26	32	—	4	—	—	28
24	33	—	1	—	—	32	32	—	—	—	—	32
23	14	—	8	—	—	6	11	—	8	—	—	3
22	12	—	6	—	—	6	12	—	6	—	—	6
21	8	—	1	—	—	7	12	—	6	—	—	6
20	14	—	1	2	—	11	15	1	—	3	—	11
19	1	—	—	—	—	1	8	—	—	—	—	8
≤ 18	563	62	42	263	15	181	630	58	52	280	15	225
										Total trips:		8,065

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAN FRANCISCO HARBOR, CA												
	Inbound						Outbound					
Grand Total	56,244	55,390	4	612	171	67	56,324	55,393	5	593	261	72
FOREIGN												
Total	81	73	4	3	1	—	79	71	5	2	1	—
47	1	1	—	—	—	—	—	—	—	—	—	—
45	3	3	—	—	—	—	—	—	—	—	—	—
43	1	1	—	—	—	—	—	—	—	—	—	—
42	1	1	—	—	—	—	—	—	—	—	—	—
38	1	1	—	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
32	3	3	—	—	—	—	—	—	—	—	—	—
31	1	—	1	—	—	—	1	—	1	—	—	—
30	4	4	—	—	—	—	7	7	—	—	—	—
29	2	2	—	—	—	—	1	1	—	—	—	—
28	13	13	—	—	—	—	11	11	—	—	—	—
27	10	9	1	—	—	—	12	12	—	—	—	—
26	17	16	1	—	—	—	15	15	—	—	—	—
25	5	4	1	—	—	—	6	6	—	—	—	—
24	3	3	—	—	—	—	6	6	—	—	—	—
23	2	2	—	—	—	—	4	2	1	1	—	—
≤ 22	12	8	—	3	1	—	16	11	3	1	1	—
DOMESTIC												
Total	56,163	55,317	—	609	170	67	56,245	55,322	—	591	260	72
24	2,184	2,184	—	—	—	—	2,186	2,186	—	—	—	—
≤ 22	53,979	53,133	—	609	170	67	54,059	53,136	—	591	260	72
Total trips:											112,568	
REDWOOD CITY HARBOR, CA												
	Inbound						Outbound					
Grand Total	216	36	—	165	15	—	218	33	1	167	17	—
FOREIGN												
Total	39	36	—	2	1	—	39	33	1	3	2	—
33	14	14	—	—	—	—	8	7	—	1	—	—
32	1	1	—	—	—	—	1	1	—	—	—	—
30	1	1	—	—	—	—	4	3	1	—	—	—
29	—	—	—	—	—	—	12	12	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	4	4	—	—	—	—	1	1	—	—	—	—
26	5	5	—	—	—	—	6	6	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
24	5	5	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
≤ 22	5	2	—	2	1	—	7	3	—	2	2	—
DOMESTIC												
Total	177	—	—	163	14	—	179	—	—	164	15	—
≤ 22	177	—	—	163	14	—	179	—	—	164	15	—
Total trips:											434	
OAKLAND HARBOR, CA												
	Inbound						Outbound					
Grand Total	15,385	12,523	28	1,876	325	633	15,429	12,546	34	1,893	328	628
FOREIGN												
Total	1,835	1,804	28	3	—	—	1,855	1,816	34	3	2	—
46	1	1	—	—	—	—	1	1	—	—	—	—
45	6	6	—	—	—	—	3	3	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

OAKLAND HARBOR, CA - continued

Inbound

Outbound

FOREIGN

44	8	8	—	—	—	—	6	6	—	—	—	—
43	11	11	—	—	—	—	14	14	—	—	—	—
42	12	12	—	—	—	—	23	23	—	—	—	—
41	43	43	—	—	—	—	48	47	1	—	—	—
40	78	77	1	—	—	—	75	73	2	—	—	—
39	101	101	—	—	—	—	105	105	—	—	—	—
38	87	87	—	—	—	—	143	141	2	—	—	—
37	118	117	1	—	—	—	173	172	1	—	—	—
36	115	115	—	—	—	—	157	154	3	—	—	—
35	148	148	—	—	—	—	98	98	—	—	—	—
34	117	117	—	—	—	—	95	94	1	—	—	—
33	134	132	2	—	—	—	99	97	2	—	—	—
32	563	560	3	—	—	—	63	62	1	—	—	—
31	64	62	2	—	—	—	42	40	2	—	—	—
30	44	44	—	—	—	—	535	535	—	—	—	—
29	34	31	3	—	—	—	45	41	3	1	—	—
28	34	30	4	—	—	—	21	16	5	—	—	—
27	35	30	5	—	—	—	44	39	5	—	—	—
26	17	17	—	—	—	—	13	13	—	—	—	—
25	15	11	4	—	—	—	6	6	—	—	—	—
24	11	10	1	—	—	—	10	7	3	—	—	—
23	12	9	2	1	—	—	9	8	1	—	—	—
≤ 22	27	25	—	2	—	—	27	21	2	2	2	—

DOMESTIC

Total	13,550	10,719	—	1,873	325	633	13,574	10,730	—	1,890	326	628
39	—	—	—	—	—	—	2	2	—	—	—	—
38	—	—	—	—	—	—	8	8	—	—	—	—
37	2	2	—	—	—	—	14	14	—	—	—	—
36	14	14	—	—	—	—	15	15	—	—	—	—
35	16	16	—	—	—	—	20	20	—	—	—	—
34	17	17	—	—	—	—	17	17	—	—	—	—
33	17	17	—	—	—	—	13	13	—	—	—	—
32	22	22	—	—	—	—	3	3	—	—	—	—
31	18	18	—	—	—	—	—	—	—	—	—	—
30	4	4	—	—	—	—	3	3	—	—	—	—
29	6	6	—	—	—	—	3	3	—	—	—	—
28	4	4	—	—	—	—	1	1	—	—	—	—
24	2,186	2,186	—	—	—	—	2,184	2,184	—	—	—	—
≤ 22	11,244	8,413	—	1,873	325	633	11,291	8,447	—	1,890	326	628
										Total trips:	30,814	

RICHMOND HARBOR, CA

Inbound

Outbound

Grand Total	6,627	113	433	4,847	142	1,092	6,946	116	436	4,892	127	1,375
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FOREIGN

Total	395	81	307	4	—	3	403	83	300	12	1	7
47	1	1	—	—	—	—	—	—	—	—	—	—
45	2	2	—	—	—	—	—	—	—	—	—	—
44	2	1	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	14	—	14	—	—	—	1	1	—	—	—	—
41	20	—	20	—	—	—	—	—	—	—	—	—
40	29	—	29	—	—	—	3	—	3	—	—	—
39	41	—	41	—	—	—	4	—	4	—	—	—
38	11	—	11	—	—	—	6	—	6	—	—	—
37	17	1	16	—	—	—	6	—	6	—	—	—
36	8	—	8	—	—	—	11	1	10	—	—	—
35	6	—	6	—	—	—	7	2	4	1	—	—
34	4	—	4	—	—	—	11	4	6	1	—	—
33	5	—	5	—	—	—	17	3	14	—	—	—
32	20	—	20	—	—	—	110	4	105	—	—	1
31	25	1	24	—	—	—	20	1	19	—	—	—
30	8	1	7	—	—	—	13	3	10	—	—	—
29	14	7	7	—	—	—	10	4	5	1	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

RICHMOND HARBOR, CA - continued

	Inbound						Outbound					
FOREIGN												
28	18	7	11	—	—	—	17	9	8	—	—	—
27	33	18	15	—	—	—	47	9	38	—	—	—
26	22	9	13	—	—	—	34	20	14	—	—	—
25	24	9	15	—	—	—	5	4	1	—	—	—
24	10	1	9	—	—	—	15	5	10	—	—	—
23	13	4	9	—	—	—	10	7	2	—	—	1
≤ 22	46	19	20	4	—	3	56	6	35	9	1	5

DOMESTIC

Total	6,232	32	126	4,843	142	1,089	6,543	33	136	4,880	126	1,368
46	1	—	1	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
41	8	—	8	—	—	—	—	—	—	—	—	—
40	6	—	6	—	—	—	1	—	1	—	—	—
38	14	—	14	—	—	—	—	—	—	—	—	—
37	14	2	12	—	—	—	10	3	7	—	—	—
36	10	4	6	—	—	—	12	4	8	—	—	—
35	8	2	6	—	—	—	30	12	18	—	—	—
34	10	4	6	—	—	—	24	6	18	—	—	—
33	8	3	5	—	—	—	10	2	8	—	—	—
32	16	9	7	—	—	—	10	—	10	—	—	—
31	9	3	6	—	—	—	11	3	8	—	—	—
30	3	—	3	—	—	—	9	—	9	—	—	—
29	1	—	1	—	—	—	5	—	4	—	—	1
28	8	5	3	—	—	—	9	1	8	—	—	—
27	3	—	3	—	—	—	2	—	2	—	—	—
26	8	—	2	—	—	6	12	—	3	—	—	9
25	43	—	2	—	—	41	37	—	2	—	—	35
24	16	—	—	—	—	16	43	—	—	—	—	43
23	1	—	—	—	—	1	2	—	2	—	—	—
≤ 22	6,043	—	33	4,843	142	1,025	6,316	2	28	4,880	126	1,280
										Total trips:		13,573

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

	Upbound						Downbound					
Grand Total	12,246	9,564	409	1,434	481	358	12,171	9,545	398	1,386	480	362
FOREIGN												
Total	668	382	268	9	2	7	659	379	258	14	1	7
45	1	1	—	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	—	—	—	1	3	—	2	—	—	1
39	23	—	23	—	—	—	1	1	—	—	—	—
38	40	—	40	—	—	—	9	1	8	—	—	—
37	41	—	41	—	—	—	14	1	13	—	—	—
36	12	—	11	—	—	1	9	1	8	—	—	—
35	9	—	9	—	—	—	16	8	8	—	—	—
34	20	9	11	—	—	—	17	14	3	—	—	—
33	18	9	9	—	—	—	16	10	6	—	—	—
32	44	26	18	—	—	—	19	11	8	—	—	—
31	45	23	22	—	—	—	23	9	14	—	—	—
30	34	27	7	—	—	—	38	17	20	—	—	1
29	42	23	19	—	—	—	52	13	36	3	—	—
28	54	42	12	—	—	—	77	17	60	—	—	—
27	48	34	14	—	—	—	99	61	34	2	—	2
26	35	24	11	—	—	—	32	21	10	—	—	1
25	78	70	8	—	—	—	36	30	5	1	—	—
24	25	20	5	—	—	—	74	69	5	—	—	—
23	22	20	2	—	—	—	25	15	7	2	—	1
≤ 22	75	54	5	9	2	5	99	80	11	6	1	1

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SAN PABLO BAY AND MARE ISLAND STRAIT, CA - continued

Upbound

Downbound

DOMESTIC

Total	11,578	9,182	141	1,425	479	351	11,512	9,166	140	1,372	479	355
45	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	2	—	2	—	—	—
37	3	—	3	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	2	—	2	—	—	—
35	9	—	9	—	—	—	4	—	4	—	—	—
34	12	—	12	—	—	—	6	—	6	—	—	—
33	12	—	12	—	—	—	3	—	3	—	—	—
32	13	—	13	—	—	—	3	—	3	—	—	—
31	11	—	11	—	—	—	30	—	30	—	—	—
30	9	—	9	—	—	—	1	—	1	—	—	—
29	8	—	6	—	—	2	1	—	1	—	—	—
28	11	—	9	—	—	2	7	—	1	—	—	6
27	8	—	5	—	—	3	31	—	1	—	—	30
26	14	—	3	—	—	11	22	—	1	—	—	21
25	8	—	4	—	—	4	16	—	4	—	—	12
24	11	—	1	—	—	10	7	—	—	—	—	7
23	10	—	4	—	—	6	19	—	15	—	—	4
≤ 22	11,432	9,182	33	1,425	479	313	11,356	9,166	64	1,372	479	275
										Total trips:		24,417

CARQUINEZ STRAIT, CA

Upbound

Downbound

Grand Total	3,285	957	392	1,362	282	292	3,237	963	380	1,300	289	305
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FOREIGN

Total	661	382	261	9	2	7	652	379	252	13	1	7
45	1	1	—	—	—	—	—	—	—	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	—	—	—	1	2	—	1	—	—	1
39	23	—	23	—	—	—	1	1	—	—	—	—
38	39	—	39	—	—	—	8	1	7	—	—	—
37	40	—	40	—	—	—	14	1	13	—	—	—
36	10	—	9	—	—	1	9	1	8	—	—	—
35	8	—	8	—	—	—	16	8	8	—	—	—
34	19	9	10	—	—	—	17	14	3	—	—	—
33	18	9	9	—	—	—	14	10	4	—	—	—
32	44	26	18	—	—	—	19	11	8	—	—	—
31	45	23	22	—	—	—	23	9	14	—	—	—
30	34	27	7	—	—	—	38	17	20	—	—	1
29	42	23	19	—	—	—	52	13	36	3	—	—
28	54	42	12	—	—	—	76	17	59	—	—	—
27	48	34	14	—	—	—	98	61	33	2	—	2
26	35	24	11	—	—	—	32	21	10	—	—	1
25	77	70	7	—	—	—	35	30	5	—	—	—
24	25	20	5	—	—	—	74	69	5	—	—	—
23	22	20	2	—	—	—	25	15	7	2	—	1
≤ 22	75	54	5	9	2	5	99	80	11	6	1	1

DOMESTIC

Total	2,624	575	131	1,353	280	285	2,585	584	128	1,287	288	298
45	1	—	1	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
40	3	—	3	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	2	—	2	—	—	—
37	3	—	3	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	2	—	2	—	—	—
35	9	—	9	—	—	—	4	—	4	—	—	—
34	12	—	12	—	—	—	6	—	6	—	—	—
33	10	—	10	—	—	—	3	—	3	—	—	—
32	11	—	11	—	—	—	2	—	2	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

CARQUINEZ STRAIT, CA - continued

	Upbound						Downbound					
DOMESTIC												
31	11	—	11	—	—	—	19	—	19	—	—	—
30	10	—	10	—	—	—	1	—	1	—	—	—
29	8	—	6	—	—	2	2	—	1	—	—	1
28	8	—	6	—	—	2	5	—	1	—	—	4
27	9	—	4	—	—	5	34	—	1	—	—	33
26	13	—	2	—	—	11	23	—	1	—	—	22
25	6	—	3	—	—	3	20	—	7	—	—	13
24	12	—	2	—	—	10	7	—	—	—	—	7
23	8	—	3	—	—	5	19	—	15	—	—	4
≤ 22	2,487	575	32	1,353	280	247	2,434	584	61	1,287	288	214
										Total trips:		6,522

SUISUN BAY CHANNEL, CA

	Upbound						Downbound					
Grand Total	1,271	184	76	669	231	111	1,283	184	77	670	240	112

FOREIGN

Total	225	182	41	1	1	—	230	183	44	2	1	—
39	—	—	—	—	—	—	1	1	—	—	—	—
38	—	—	—	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
36	—	—	—	—	—	—	1	—	1	—	—	—
35	—	—	—	—	—	—	7	7	—	—	—	—
34	2	2	—	—	—	—	14	14	—	—	—	—
33	5	1	4	—	—	—	11	10	1	—	—	—
32	24	17	7	—	—	—	9	9	—	—	—	—
31	29	18	11	—	—	—	8	8	—	—	—	—
30	20	18	2	—	—	—	14	8	6	—	—	—
29	15	6	9	—	—	—	13	8	4	1	—	—
28	10	7	3	—	—	—	13	6	7	—	—	—
27	12	12	—	—	—	—	12	11	1	—	—	—
26	15	13	2	—	—	—	12	8	4	—	—	—
25	14	13	1	—	—	—	15	12	3	—	—	—
24	12	11	1	—	—	—	19	16	3	—	—	—
23	18	18	—	—	—	—	18	12	6	—	—	—
22	12	11	1	—	—	—	12	11	1	—	—	—
21	7	7	—	—	—	—	17	16	1	—	—	—
20	7	7	—	—	—	—	13	10	3	—	—	—
19	9	9	—	—	—	—	5	4	1	—	—	—
≤ 18	14	12	—	1	1	—	14	11	1	1	1	—

DOMESTIC

Total	1,046	2	35	668	230	111	1,053	1	33	668	239	112
40	2	—	2	—	—	—	—	—	—	—	—	—
38	1	—	1	—	—	—	1	—	1	—	—	—
37	2	—	2	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	1	—	1	—	—	—
35	3	—	3	—	—	—	1	—	1	—	—	—
34	3	—	3	—	—	—	3	—	3	—	—	—
33	—	—	—	—	—	—	2	—	2	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
31	3	—	3	—	—	—	1	—	1	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
29	2	—	2	—	—	—	—	—	—	—	—	—
28	3	—	3	—	—	—	—	—	—	—	—	—
27	2	—	1	—	—	1	—	—	1	—	—	—
26	6	—	1	—	—	5	3	—	1	—	—	2
25	2	—	—	—	—	2	10	—	4	—	—	6
24	2	—	1	—	—	1	1	—	—	—	—	1
23	—	—	—	—	—	—	1	—	—	—	—	1
22	1	—	1	—	—	—	3	—	1	—	—	2
21	—	—	—	—	—	—	4	—	3	—	—	1
20	4	—	1	—	—	3	5	—	—	—	—	5
19	1	—	—	—	—	1	4	—	—	—	—	4
≤ 18	1,007	2	9	668	230	98	1,010	1	12	668	239	90
										Total trips:		2,554

Trips and Drafts of Vessels, 2008
(draft in feet)

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

PETALUMA RIVER, CA

	Upbound						Downbound					
Grand Total	544	---	---	272	259	13	497	---	---	247	238	12
DOMESTIC												
Total	544	---	---	272	259	13	497	---	---	247	238	12
13	64	---	---	---	51	13	---	---	---	---	---	---
12	25	---	---	---	25	---	---	---	---	---	---	---
11	83	---	---	---	83	---	---	---	---	---	---	---
10	56	---	---	---	56	---	---	---	---	---	---	---
9	125	---	---	124	1	---	111	---	---	111	---	---
8	146	---	---	124	22	---	135	---	---	116	19	---
7	4	---	---	3	1	---	---	---	---	---	---	---
6	21	---	---	21	---	---	20	---	---	20	---	---
5	15	---	---	---	15	---	20	---	---	---	20	---
4	5	---	---	---	5	---	---	---	---	---	---	---
3	---	---	---	---	---	---	98	---	---	---	98	---
2	---	---	---	---	---	---	113	---	---	---	101	12
										Total trips:		1,041

HUMBOLDT HARBOR AND BAY, CA

	Inbound						Outbound					
Grand Total	126	16	---	56	20	34	106	16	---	52	14	24
FOREIGN												
Total	27	16	---	5	6	---	20	16	---	2	2	---
37	---	---	---	---	---	---	1	1	---	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
31	---	---	---	---	---	---	2	2	---	---	---	---
30	---	---	---	---	---	---	2	2	---	---	---	---
29	---	---	---	---	---	---	2	2	---	---	---	---
28	1	1	---	---	---	---	---	---	---	---	---	---
27	5	5	---	---	---	---	3	3	---	---	---	---
26	1	1	---	---	---	---	1	1	---	---	---	---
25	2	2	---	---	---	---	1	1	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
23	2	2	---	---	---	---	1	1	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
19	2	---	---	---	2	---	---	---	---	---	---	---
≤ 18	11	2	---	5	4	---	6	2	---	2	2	---
DOMESTIC												
Total	99	---	---	51	14	34	86	---	---	50	12	24
≤ 18	99	---	---	51	14	34	86	---	---	50	12	24
										Total trips:		232

BERKELEY, CA
No Vessel Trips Reported

BODEGA BAY, CA
No Vessel Trips Reported

CRESCENT CITY HARBOR, CA
No Vessel Trips Reported

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MONTEREY HARBOR, CA (15 feet and less)												
				Inbound							Outbound	
Grand Total	3	3	---	---	---	---	2	2	---	---	---	---
	Total trips:											5
MOSS LANDING HARBOR, CA No Vessel Trips Reported												
NAPA RIVER, CA (15 feet and less)												
				Upbound							Downbound	
Grand Total	69	---	---	35	34	---	68	---	---	34	34	---
	Total trips:											137
NOYO RIVER, CA No Vessel Trips Reported												
PILLAR POINT HARBOR, CA No Vessel Trips Reported												
SAN LEANDRO MARINA, CA (7 feet and less)												
				Inbound							Outbound	
Grand Total	110	---	---	55	55	---	116	---	---	58	58	---
	Total trips:											226
SAN RAFAEL CREEK, CA No Vessel Trips Reported												
SANTA CRUZ HARBOR, CA No Vessel Trips Reported												
SUISUN CHANNEL, CA No Vessel Trips Reported												
OTHER SAN FRANCISCO BAY AREA PORTS, CA (47 feet and less)												
				Upbound							Downbound	
Grand Total	36,819	33,879	12	2,026	681	221	36,708	33,786	14	1,989	691	228
	Total trips:											73,527

Trips and Drafts of Vessels, 2008
(draft in feet)

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

HILO HARBOR, HAWAII IS., HI

	Inbound						Outbound					
Grand Total	1,416	155	5	897	239	120	1,420	157	5	894	243	121

FOREIGN

Total	73	68	5	—	—	—	77	72	5	—	—	—
33	2	2	—	—	—	—	—	—	—	—	—	—
32	1	1	—	—	—	—	1	1	—	—	—	—
31	1	1	—	—	—	—	2	2	—	—	—	—
29	8	8	—	—	—	—	9	9	—	—	—	—
28	9	9	—	—	—	—	8	8	—	—	—	—
27	21	21	—	—	—	—	26	25	1	—	—	—
26	13	12	1	—	—	—	12	12	—	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
24	4	4	—	—	—	—	4	4	—	—	—	—
23	2	—	2	—	—	—	2	—	2	—	—	—
22	3	1	2	—	—	—	2	1	1	—	—	—
21	2	2	—	—	—	—	4	3	1	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	4	4	—	—	—	—	4	4	—	—	—	—
≤ 18	1	1	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	1,343	87	—	897	239	120	1,343	85	—	894	243	121
33	1	1	—	—	—	—	1	1	—	—	—	—
32	3	3	—	—	—	—	9	9	—	—	—	—
31	8	8	—	—	—	—	3	3	—	—	—	—
30	3	3	—	—	—	—	1	1	—	—	—	—
29	4	4	—	—	—	—	5	5	—	—	—	—
27	23	23	—	—	—	—	22	22	—	—	—	—
26	45	45	—	—	—	—	43	43	—	—	—	—
24	23	—	—	—	—	23	—	—	—	—	—	—
22	28	—	—	—	—	28	—	—	—	—	—	—
≤ 18	1,205	—	—	897	239	69	1,259	1	—	894	243	121
										Total trips:		2,836

KAWAIHAE HARBOR, HAWAII IS., HI

	Inbound						Outbound					
Grand Total	1,282	4	—	935	343	—	1,297	4	—	950	343	—

FOREIGN

Total	4	4	—	—	—	—	4	4	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
≤ 18	1	1	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	1,278	—	—	935	343	—	1,293	—	—	950	343	—
≤ 18	1,278	—	—	935	343	—	1,293	—	—	950	343	—
										Total trips:		2,579

KAHULUI HARBOR, MAUI, HI

	Inbound						Outbound					
Grand Total	2,160	96	6	1,544	419	95	2,163	95	6	1,554	414	94

FOREIGN

Total	25	17	6	2	—	—	20	14	6	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
33	2	2	—	—	—	—	1	1	—	—	—	—
32	1	1	—	—	—	—	—	—	—	—	—	—
31	1	1	—	—	—	—	3	3	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KAHULUI HARBOR, MAUI, HI - continued												
	Inbound						Outbound					
FOREIGN												
30	1	1	—	—	—	—	2	2	—	—	—	—
27	5	5	—	—	—	—	3	3	—	—	—	—
26	2	1	1	—	—	—	2	1	1	—	—	—
24	7	3	3	1	—	—	2	1	1	—	—	—
23	1	1	—	—	—	—	2	—	2	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—
21	2	—	2	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	2	1	1	—	—	—
19	1	—	—	1	—	—	1	1	—	—	—	—
≤ 18	—	—	—	—	—	—	1	—	1	—	—	—
DOMESTIC												
Total	2,135	79	—	1,542	419	95	2,143	81	—	1,554	414	94
33	4	4	—	—	—	—	3	3	—	—	—	—
32	2	2	—	—	—	—	2	2	—	—	—	—
31	1	1	—	—	—	—	2	2	—	—	—	—
30	2	2	—	—	—	—	—	—	—	—	—	—
29	5	5	—	—	—	—	7	7	—	—	—	—
27	24	24	—	—	—	—	24	24	—	—	—	—
26	41	41	—	—	—	—	43	43	—	—	—	—
21	135	—	—	—	135	—	135	—	—	—	135	—
≤ 18	1,921	—	—	1,542	284	95	1,927	—	—	1,554	279	94
										Total trips:		4,323

BARBERS POINT HARBOR, OAHU, HI

Draft	Inbound				Outbound							
	Total	Dry Cargo	Tanker	Tow or Tug	Total	Dry Cargo	Tanker	Tow or Tug	Total	Dry Cargo	Tanker	Tow or Tug
Grand Total	2,058	39	112	1,563	140	204	2,059	41	108	1,601	108	201
FOREIGN												
Total	136	39	97	—	—	—	137	41	96	—	—	—
55	1	—	1	—	—	—	—	—	—	—	—	—
51	2	—	2	—	—	—	—	—	—	—	—	—
50	5	—	5	—	—	—	2	—	2	—	—	—
49	7	—	7	—	—	—	—	—	—	—	—	—
48	15	—	15	—	—	—	—	—	—	—	—	—
47	6	—	6	—	—	—	—	—	—	—	—	—
46	12	—	12	—	—	—	—	—	—	—	—	—
45	6	—	6	—	—	—	—	—	—	—	—	—
44	4	—	4	—	—	—	—	—	—	—	—	—
43	3	—	3	—	—	—	—	—	—	—	—	—
42	4	—	4	—	—	—	—	—	—	—	—	—
41	1	—	1	—	—	—	1	—	1	—	—	—
40	1	—	1	—	—	—	1	—	1	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
37	8	8	—	—	—	—	1	—	1	—	—	—
36	21	20	1	—	—	—	1	1	—	—	—	—
35	2	2	—	—	—	—	3	1	2	—	—	—
34	4	1	3	—	—	—	3	2	1	—	—	—
33	—	—	—	—	—	—	4	2	2	—	—	—
32	1	—	1	—	—	—	5	2	3	—	—	—
31	2	1	1	—	—	—	2	1	1	—	—	—
30	1	1	—	—	—	—	7	2	5	—	—	—
29	—	—	—	—	—	—	13	4	9	—	—	—
28	2	1	1	—	—	—	26	2	24	—	—	—
27	1	—	1	—	—	—	18	3	15	—	—	—
26	—	—	—	—	—	—	6	3	3	—	—	—
25	—	—	—	—	—	—	2	—	2	—	—	—
24	1	—	1	—	—	—	6	3	3	—	—	—
23	—	—	—	—	—	—	11	3	8	—	—	—
22	1	1	—	—	—	—	7	6	1	—	—	—
21	1	1	—	—	—	—	5	2	3	—	—	—
20	1	—	1	—	—	—	5	2	3	—	—	—
19	4	2	2	—	—	—	4	1	3	—	—	—
18	2	—	2	—	—	—	1	—	1	—	—	—
17	3	—	3	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BARBERS POINT HARBOR, OAHU, HI - continued												
	Inbound						Outbound					
FOREIGN												
16	6	—	6	—	—	—	—	—	—	—	—	—
15	4	—	4	—	—	—	—	—	—	—	—	—
14	2	—	2	—	—	—	—	—	—	—	—	—
13	1	—	1	—	—	—	—	—	—	—	—	—
≤ 12	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	1,922	—	15	1,563	140	204	1,922	—	12	1,601	108	201
37	1	—	1	—	—	—	1	—	1	—	—	—
36	3	—	3	—	—	—	3	—	3	—	—	—
35	2	—	2	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	4	—	4	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	2	—	2	—	—	—	—	—	—	—	—	—
27	1	—	1	—	—	—	—	—	—	—	—	—
25	4	—	4	—	—	—	1	—	1	—	—	—
24	—	—	—	—	—	—	23	—	—	—	—	23
22	1	—	1	—	—	—	28	—	—	—	—	28
18	16	—	—	9	7	—	37	—	—	8	—	29
17	2	—	—	2	—	—	70	—	—	3	—	67
16	10	—	—	6	4	—	16	—	—	16	—	—
15	121	—	—	114	7	—	113	—	—	112	1	—
14	1,145	—	—	1,135	10	—	1,170	—	—	1,168	1	1
13	232	—	—	232	—	—	233	—	—	233	—	—
≤ 12	381	—	—	65	112	204	221	—	1	61	106	53
										Total trips:		4,117

HONOLULU HARBOR, OAHU, HI

Grand Total	Inbound				Outbound							
	Total	Dry Cargo	Tanker	Tow or Tug	Total	Dry Cargo	Tanker	Tow or Tug				
Grand Total	6,006	761	43	3,996	1,155	51	6,014	781	53	3,975	1,152	53
FOREIGN												
Total	443	399	32	9	2	1	476	419	43	11	2	1
41	1	—	1	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	1	1	—	—	—	—
39	3	—	3	—	—	—	—	—	—	—	—	—
38	5	2	3	—	—	—	—	—	—	—	—	—
37	10	9	1	—	—	—	2	1	1	—	—	—
36	15	14	1	—	—	—	2	—	2	—	—	—
35	8	6	2	—	—	—	4	3	1	—	—	—
34	10	9	1	—	—	—	4	2	2	—	—	—
33	19	19	—	—	—	—	16	14	2	—	—	—
32	25	25	—	—	—	—	29	28	1	—	—	—
31	25	23	2	—	—	—	23	22	1	—	—	—
30	30	30	—	—	—	—	38	37	1	—	—	—
29	42	38	4	—	—	—	62	60	1	1	—	—
28	26	25	1	—	—	—	50	48	2	—	—	—
27	39	39	—	—	—	—	61	56	5	—	—	—
26	42	40	2	—	—	—	46	41	5	—	—	—
25	33	32	—	—	—	1	29	27	2	—	—	—
24	16	16	—	—	—	—	16	15	1	—	—	—
23	14	14	—	—	—	—	8	5	3	—	—	—
22	5	5	—	—	—	—	4	4	—	—	—	—
21	5	4	1	—	—	—	8	3	5	—	—	—
20	4	2	2	—	—	—	4	3	1	—	—	—
19	3	2	1	—	—	—	6	4	2	—	—	—
≤ 18	63	45	7	9	2	—	63	45	5	10	2	1
DOMESTIC												
Total	5,563	362	11	3,987	1,153	50	5,538	362	10	3,964	1,150	52
43	2	—	2	—	—	—	—	—	—	—	—	—
39	1	1	—	—	—	—	—	—	—	—	—	—
38	18	18	—	—	—	—	1	1	—	—	—	—
37	31	31	—	—	—	—	2	1	1	—	—	—
36	30	29	1	—	—	—	7	5	2	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

HONOLULU HARBOR, OAHU, HI - continued
Inbound

Outbound

DOMESTIC

35	25	24	1	—	—	—	4	4	—	—	—	—
34	24	19	5	—	—	—	12	11	1	—	—	—
33	22	22	—	—	—	—	19	19	—	—	—	—
32	23	23	—	—	—	—	27	27	—	—	—	—
31	11	11	—	—	—	—	38	36	2	—	—	—
30	5	4	1	—	—	—	24	23	1	—	—	—
29	8	8	—	—	—	—	11	11	—	—	—	—
28	—	—	—	—	—	—	13	13	—	—	—	—
27	26	26	—	—	—	—	44	44	—	—	—	—
26	43	43	—	—	—	—	54	54	—	—	—	—
25	1	—	1	—	—	—	12	9	3	—	—	—
24	—	—	—	—	—	—	3	3	—	—	—	—
21	137	—	—	—	—	137	137	—	—	—	137	—
20	—	—	—	—	—	—	1	—	—	1	—	—
≤ 18	5,156	103	—	3,987	1,016	50	5,129	101	—	3,963	1,013	52
											Total trips:	12,020

NAWILIWILI HARBOR, KAUAI, HI

Inbound

Outbound

Grand Total	971	114	3	593	222	39	968	115	3	589	221	40
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FOREIGN

Total	43	40	3	—	—	—	44	41	3	—	—	—
45	3	3	—	—	—	—	1	1	—	—	—	—
29	6	6	—	—	—	—	7	7	—	—	—	—
28	6	6	—	—	—	—	7	7	—	—	—	—
27	11	11	—	—	—	—	13	13	—	—	—	—
26	5	4	1	—	—	—	5	4	1	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
24	3	3	—	—	—	—	2	2	—	—	—	—
22	1	—	1	—	—	—	1	—	1	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
20	3	2	1	—	—	—	2	2	—	—	—	—
19	3	3	—	—	—	—	4	3	1	—	—	—

DOMESTIC

Total	928	74	—	593	222	39	924	74	—	589	221	40
31	1	1	—	—	—	—	1	1	—	—	—	—
29	5	5	—	—	—	—	5	5	—	—	—	—
27	24	24	—	—	—	—	24	24	—	—	—	—
26	44	44	—	—	—	—	44	44	—	—	—	—
≤ 18	854	—	—	593	222	39	850	—	—	589	221	40
											Total trips:	1,939

HANA HARBOR, MAUI, HI
No Vessel Trips Reported

KAILUA HARBOR, OAHU, HI
No Vessel Trips Reported

KALAUPAPA HARBOR, MOLOKAI, HI
No Vessel Trips Reported

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KAUNAKAKAI HARBOR, MOLOKAI, HI (20 feet and less)												
				Inbound						Outbound		
Grand Total	242	1	—	151	90	—	221	—	—	126	95	—
										Total trips:		463
PORT ALLEN HARBOR, KAUAI, HI (18 feet and less)												
				Inbound						Outbound		
Grand Total	105	—	—	105	—	—	105	—	—	105	—	—
										Total trips:		210
WAKE ISLAND HARBOR, WAKE ISLAND No Vessel Trips Reported												
WELLS HARBOR, MIDWAY ISLAND (13 feet and less)												
				Inbound						Outbound		
Grand Total	3	—	—	3	—	—	3	—	—	3	—	—
										Total trips:		6

Trips and Drafts of Vessels, 2008
(draft in feet)

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

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

	Upbound						Downbound					
Grand Total	2,338	---	---	1,018	930	390	2,291	---	---	1,013	1,001	277
DOMESTIC												
Total	2,338	---	---	1,018	930	390	2,291	---	---	1,013	1,001	277
17	5	---	---	---	---	5	2	---	---	---	---	2
16	79	---	---	---	79	---	80	---	---	---	80	---
15	34	---	---	---	---	34	---	---	---	---	---	---
14	281	---	---	---	126	155	129	---	---	---	126	3
13	322	---	---	---	198	124	208	---	---	---	199	9
≤ 12	1,617	---	---	1,018	527	72	1,872	---	---	1,013	596	263
										Total trips:		4,629

SNAKE RIVER, OR, WA AND ID

	Upbound						Downbound					
Grand Total	2,300	---	---	1,165	775	360	2,300	---	---	1,165	775	360
DOMESTIC												
Total	2,300	---	---	1,165	775	360	2,300	---	---	1,165	775	360
17	8	---	---	---	---	8	2	---	---	---	---	2
16	4	---	---	---	4	---	76	---	---	---	76	---
15	37	---	---	---	---	37	4	---	---	---	---	4
14	114	---	---	---	5	109	41	---	---	---	25	16
13	201	---	---	---	71	130	276	---	---	20	239	17
12	86	---	---	---	14	72	62	---	---	3	56	3
11	91	---	---	77	14	---	153	---	---	81	14	58
10	573	---	---	547	26	---	560	---	---	516	44	---
9	23	---	---	23	---	---	47	---	---	23	24	---
8	393	---	---	383	10	---	392	---	---	369	23	---
7	115	---	---	114	1	---	109	---	---	108	1	---
6	139	---	---	18	121	---	17	---	---	17	---	---
5	3	---	---	3	---	---	29	---	---	28	1	---
4	---	---	---	---	---	---	3	---	---	---	3	---
3	108	---	---	---	107	1	65	---	---	---	63	2
2	405	---	---	---	402	3	464	---	---	---	206	258
										Total trips:		4,600

Trips and Drafts of Vessels, 2008
(draft in feet)

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

COLUMBIA RIVER ENTRANCE, OR AND WA
Upbound

Downbound

Grand Total	2,470	1,572	115	387	264	132	2,497	1,585	112	388	269	143
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FOREIGN

Total	1,828	1,572	83	92	76	5	1,848	1,585	84	93	81	5
41	5	5	—	—	—	—	4	4	—	—	—	—
40	9	7	2	—	—	—	258	255	1	1	—	1
39	13	10	3	—	—	—	63	63	—	—	—	—
38	21	16	5	—	—	—	67	62	3	2	—	—
37	37	35	2	—	—	—	81	79	—	1	—	1
36	31	30	1	—	—	—	87	86	1	—	—	—
35	53	39	14	—	—	—	78	76	2	—	—	—
34	47	41	6	—	—	—	96	94	2	—	—	—
33	46	37	9	—	—	—	102	100	1	1	—	—
32	53	44	9	—	—	—	94	86	8	—	—	—
31	75	63	12	—	—	—	50	45	5	—	—	—
30	77	74	3	—	—	—	70	67	3	—	—	—
29	100	94	6	—	—	—	107	89	18	—	—	—
28	69	64	3	2	—	—	83	72	11	—	—	—
27	80	74	3	1	1	1	68	65	3	—	—	—
26	64	62	2	—	—	—	68	63	5	—	—	—
25	64	63	1	—	—	—	63	57	6	—	—	—
24	89	89	—	—	—	—	55	47	8	—	—	—
23	121	119	—	1	—	1	48	46	2	—	—	—
22	175	172	2	—	1	—	27	27	—	—	—	—
21	156	156	—	—	—	—	29	28	1	—	—	—
20	147	111	—	—	36	—	25	24	1	—	—	—
19	109	97	—	1	11	—	25	21	3	1	—	—
≤ 18	187	70	—	87	27	3	200	29	—	87	81	3

DOMESTIC

Total	642	—	32	295	188	127	649	—	28	295	188	138
37	—	—	—	—	—	—	2	—	2	—	—	—
36	5	—	5	—	—	—	4	—	4	—	—	—
35	9	—	9	—	—	—	2	—	2	—	—	—
34	8	—	8	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
28	1	—	1	—	—	—	11	—	—	—	—	11
27	1	—	1	—	—	—	1	—	—	—	—	1
26	19	—	—	—	—	19	2	—	—	—	—	2
25	8	—	1	—	—	7	1	—	—	—	—	1
24	18	—	1	—	—	17	1	—	1	—	—	—
23	2	—	—	—	—	—	—	—	—	—	—	—
22	7	—	—	—	—	7	—	—	—	—	—	—
21	1	—	—	—	—	1	1	—	1	—	—	—
20	4	—	—	3	—	1	3	—	—	3	—	—
19	6	—	—	—	—	6	—	—	—	—	—	—
≤ 18	549	—	2	292	188	67	615	—	12	292	188	123

Total trips: 4,967

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY

Upbound

Downbound

Grand Total	43,549	30,175	117	8,762	3,827	668	42,926	30,189	114	8,313	3,791	519
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FOREIGN

Total	1,824	1,568	83	92	76	5	1,845	1,582	84	93	81	5
41	5	5	—	—	—	—	4	4	—	—	—	—
40	9	7	2	—	—	—	258	255	1	1	—	1
39	13	10	3	—	—	—	63	63	—	—	—	—
38	21	16	5	—	—	—	67	62	3	2	—	—
37	37	35	2	—	—	—	81	79	—	1	—	1
36	31	30	1	—	—	—	87	86	1	—	—	—
35	53	39	14	—	—	—	78	76	2	—	—	—
34	47	41	6	—	—	—	96	94	2	—	—	—
33	46	37	9	—	—	—	102	100	1	1	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY - continued												
	Upbound						Downbound					
FOREIGN												
32	53	44	9	—	—	—	94	86	8	—	—	—
31	75	63	12	—	—	—	50	45	5	—	—	—
30	77	74	3	—	—	—	70	67	3	—	—	—
29	100	94	6	—	—	—	107	89	18	—	—	—
28	69	64	3	2	—	—	83	72	11	—	—	—
27	80	74	3	1	1	1	68	65	3	—	—	—
26	64	62	2	—	—	—	68	63	5	—	—	—
25	64	63	1	—	—	—	63	57	6	—	—	—
24	89	89	—	—	—	—	55	47	8	—	—	—
23	121	119	—	1	—	1	48	46	2	—	—	—
22	175	172	2	—	1	—	27	27	—	—	—	—
21	156	156	—	—	—	—	29	28	1	—	—	—
20	147	111	—	—	36	—	25	24	1	—	—	—
19	109	97	—	1	11	—	25	21	3	1	—	—
18	27	25	—	1	1	—	5	4	—	—	1	—
17	14	11	—	1	1	1	5	5	—	—	—	—
16	62	9	—	42	11	—	52	1	—	46	5	—
15	25	8	—	13	3	1	15	1	—	12	2	—
14	22	2	—	16	3	1	18	—	—	13	5	—
13	13	1	—	7	5	—	15	1	—	6	8	—
12	7	1	—	4	2	—	13	2	—	6	5	—
11	1	—	—	—	1	—	1	—	—	—	1	—
10	4	3	—	1	—	—	6	4	—	1	1	—
9	3	1	—	2	—	—	5	2	—	2	1	—
8	2	2	—	—	—	—	2	1	—	1	—	—
7	1	1	—	—	—	—	6	2	—	—	1	3
6	—	—	—	—	—	—	1	—	—	—	1	—
5	1	1	—	—	—	—	5	1	—	—	4	—
4	—	—	—	—	—	—	48	2	—	—	46	—
2	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	41,725	28,607	34	8,670	3,751	663	41,081	28,607	30	8,220	3,710	514
37	—	—	—	—	—	—	2	—	2	—	—	—
36	6	—	6	—	—	—	4	—	4	—	—	—
35	9	—	9	—	—	—	2	—	2	—	—	—
34	8	—	8	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
28	3	—	1	—	—	2	—	—	—	—	—	—
27	11	—	1	—	—	10	2	—	1	—	—	1
26	20	—	1	—	—	19	2	—	—	—	—	2
25	8	—	1	—	—	7	2	—	1	—	—	1
24	18	—	1	—	—	17	1	—	1	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
22	7	—	—	—	—	7	—	—	—	—	—	—
21	1	—	—	—	—	1	1	—	1	—	—	—
20	4	—	—	3	—	1	3	—	—	3	—	—
19	6	—	—	—	—	6	—	—	—	—	—	—
18	36	—	—	14	4	18	20	—	—	8	12	—
17	18	—	—	6	—	12	19	—	—	4	9	6
16	70	—	—	54	13	3	236	—	—	47	187	2
15	94	—	1	30	15	48	48	—	10	25	12	1
14	284	—	1	33	53	197	518	—	—	29	435	54
13	513	—	—	161	179	173	651	—	—	145	488	18
12	1,141	—	—	782	260	99	1,041	—	—	807	231	3
11	1,059	—	—	949	108	2	1,221	—	1	978	240	2
10	2,801	—	—	2,733	67	1	2,737	—	—	2,577	158	2
9	796	—	—	674	121	1	820	—	—	698	119	3
8	1,038	—	—	782	253	3	785	—	1	665	80	39
7	1,759	—	—	1,535	224	—	1,435	—	—	1,421	14	—
6	22,767	22,037	—	626	103	1	22,736	22,037	—	684	10	5
5	277	—	—	276	1	—	123	—	—	114	8	1
4	204	—	—	5	194	5	357	—	—	5	312	40
3	7,421	6,570	—	4	833	14	7,224	6,570	—	5	626	23
2	1,339	—	—	3	1,322	14	1,083	—	—	5	767	311
1	1	—	—	—	1	—	2	—	—	—	2	—
										Total trips:		86,475

Trips and Drafts of Vessels, 2008
(draft in feet)

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

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

	Upbound						Downbound					
Grand Total	27,670	8,138	118	13,816	4,163	1,435	23,563	8,152	115	10,500	4,168	628

FOREIGN

Total	1,824	1,568	83	92	76	5	1,845	1,582	84	93	81	5
41	5	5	—	—	—	—	4	4	—	—	—	—
40	9	7	2	—	—	—	258	255	1	1	—	1
39	13	10	3	—	—	—	63	63	—	—	—	—
38	21	16	5	—	—	—	67	62	3	2	—	—
37	37	35	2	—	—	—	81	79	—	1	—	1
36	31	30	1	—	—	—	87	86	1	—	—	—
35	53	39	14	—	—	—	78	76	2	—	—	—
34	47	41	6	—	—	—	96	94	2	—	—	—
33	46	37	9	—	—	—	102	100	1	1	—	—
32	53	44	9	—	—	—	94	86	8	—	—	—
31	75	63	12	—	—	—	50	45	5	—	—	—
30	77	74	3	—	—	—	70	67	3	—	—	—
29	100	94	6	—	—	—	107	89	18	—	—	—
28	69	64	3	2	—	—	83	72	11	—	—	—
27	80	74	3	1	1	1	68	65	3	—	—	—
26	64	62	2	—	—	—	68	63	5	—	—	—
25	64	63	1	—	—	—	63	57	6	—	—	—
24	89	89	—	—	—	—	55	47	8	—	—	—
23	121	119	—	1	—	1	48	46	2	—	—	—
22	175	172	2	—	1	—	27	27	—	—	—	—
21	156	156	—	—	—	—	29	28	1	—	—	—
20	147	111	—	—	36	—	25	24	1	—	—	—
19	109	97	—	1	11	—	25	21	3	1	—	—
≤ 18	183	66	—	87	27	3	197	26	—	87	81	3

DOMESTIC

Total	25,846	6,570	35	13,724	4,087	1,430	21,718	6,570	31	10,407	4,087	623
37	—	—	—	—	—	—	2	—	2	—	—	—
36	6	—	6	—	—	—	4	—	4	—	—	—
35	9	—	9	—	—	—	2	—	2	—	—	—
34	9	—	9	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
28	3	—	1	—	—	2	—	—	—	—	—	—
27	11	—	1	—	—	10	3	—	1	—	—	2
26	20	—	1	—	—	19	4	—	1	—	—	3
25	9	—	1	—	—	8	2	—	1	—	—	1
24	21	—	1	—	—	20	9	—	1	—	—	8
23	2	—	—	—	—	2	—	—	—	—	—	—
22	8	—	—	—	—	8	2	—	—	—	—	2
21	1	—	—	—	—	1	1	—	1	—	—	—
20	4	—	—	3	—	1	4	—	—	3	—	1
19	7	—	—	—	—	7	3,317	—	—	3,317	—	—
≤ 18	25,732	6,570	2	13,721	4,087	1,352	18,362	6,570	12	7,087	4,087	606
										Total trips:		51,233

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

	Inbound						Outbound					
Grand Total	1,852	1	—	1,569	271	11	1,837	—	—	1,571	255	11

FOREIGN

Total	2	1	—	—	1	—	1	—	—	—	1	—
19	1	—	—	—	1	—	—	—	—	—	—	—
≤ 18	1	1	—	—	—	—	1	—	—	—	1	—

DOMESTIC

Total	1,850	—	—	1,569	270	11	1,836	—	—	1,571	254	11
≤ 18	1,850	—	—	1,569	270	11	1,836	—	—	1,571	254	11
										Total trips:		3,689

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF LONGVIEW, WA												
				Inbound						Outbound		
Grand Total	1,735	241	2	901	591	---	1,725	224	3	905	593	---
FOREIGN												
Total	258	241	2	7	8	---	247	224	3	10	10	---
41	4	4	---	---	---	---	2	2	---	---	---	---
40	5	5	---	---	---	---	2	1	1	---	---	---
39	3	3	---	---	---	---	2	2	---	---	---	---
38	3	3	---	---	---	---	7	7	---	---	---	---
37	5	5	---	---	---	---	6	6	---	---	---	---
36	4	4	---	---	---	---	14	14	---	---	---	---
35	6	5	1	---	---	---	16	16	---	---	---	---
34	6	6	---	---	---	---	24	24	---	---	---	---
33	9	8	1	---	---	---	20	20	---	---	---	---
32	6	6	---	---	---	---	15	15	---	---	---	---
31	7	7	---	---	---	---	11	11	---	---	---	---
30	10	10	---	---	---	---	13	13	---	---	---	---
29	7	7	---	---	---	---	14	13	1	---	---	---
28	8	8	---	---	---	---	12	11	1	---	---	---
27	8	8	---	---	---	---	2	2	---	---	---	---
26	6	6	---	---	---	---	6	6	---	---	---	---
25	6	6	---	---	---	---	10	10	---	---	---	---
24	7	7	---	---	---	---	6	6	---	---	---	---
23	13	13	---	---	---	---	7	7	---	---	---	---
22	15	15	---	---	---	---	7	7	---	---	---	---
21	24	24	---	---	---	---	5	5	---	---	---	---
20	22	22	---	---	---	---	5	5	---	---	---	---
19	50	44	---	---	6	---	11	11	---	---	---	---
18	7	7	---	---	---	---	2	2	---	---	---	---
17	2	2	---	---	---	---	3	3	---	---	---	---
16	12	3	---	7	2	---	7	1	---	6	---	---
15	2	2	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	3	1	---	2	---	---
≤ 12	1	1	---	---	---	---	15	3	---	2	10	---
DOMESTIC												
Total	1,477	---	---	894	583	---	1,478	---	---	895	583	---
18	4	---	---	---	4	---	2	---	---	2	---	---
17	---	---	---	---	---	---	8	---	---	8	---	---
16	21	---	---	17	4	---	28	---	---	14	14	---
15	12	---	---	6	6	---	14	---	---	6	8	---
14	64	---	---	1	63	---	14	---	---	1	13	---
13	43	---	---	41	2	---	35	---	---	34	1	---
≤ 12	1,333	---	---	829	504	---	1,377	---	---	840	537	---
										Total trips:		3,460
PORT OF KALAMA, WA												
				Inbound						Outbound		
Grand Total	1,158	230	6	815	106	1	1,167	228	8	820	108	3
FOREIGN												
Total	234	230	4	---	---	---	240	228	6	4	---	2
41	---	---	---	---	---	---	2	2	---	---	---	---
40	1	---	1	---	---	---	153	151	---	1	---	1
39	---	---	---	---	---	---	11	11	---	---	---	---
38	2	1	1	---	---	---	11	8	1	2	---	---
37	---	---	---	---	---	---	7	5	---	1	---	1
36	---	---	---	---	---	---	5	5	---	---	---	---
35	7	7	---	---	---	---	8	8	---	---	---	---
34	6	5	1	---	---	---	7	6	1	---	---	---
33	2	2	---	---	---	---	10	10	---	---	---	---
32	6	6	---	---	---	---	2	2	---	---	---	---
31	5	4	1	---	---	---	---	---	---	---	---	---
30	1	1	---	---	---	---	4	4	---	---	---	---
29	8	8	---	---	---	---	3	1	2	---	---	---
28	7	7	---	---	---	---	3	3	---	---	---	---
27	12	12	---	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2008
(draft in feet)

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

PORT OF KALAMA, WA - continued

Inbound							Outbound					
FOREIGN												
26	9	9	—	—	—	—	3	3	—	—	—	—
25	10	10	—	—	—	—	2	—	2	—	—	—
24	29	29	—	—	—	—	3	3	—	—	—	—
23	40	40	—	—	—	—	2	2	—	—	—	—
22	44	44	—	—	—	—	1	1	—	—	—	—
21	25	25	—	—	—	—	2	2	—	—	—	—
20	9	9	—	—	—	—	—	—	—	—	—	—
19	9	9	—	—	—	—	1	1	—	—	—	—
≤ 18	2	2	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	924	—	2	815	106	1	927	—	2	816	108	1
36	—	—	—	—	—	—	1	—	1	—	—	—
27	1	—	1	—	—	—	—	—	—	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	1	—	1	—	—	—
≤ 18	922	—	—	815	106	1	925	—	—	816	108	1
Total trips:											2,325	

MULTNOMAH CHANNEL, OR

Upbound							Downbound					
Grand Total	1,147	—	—	504	643	—	1,152	—	—	504	643	5
DOMESTIC												
Total	1,147	—	—	504	643	—	1,152	—	—	504	643	5
17	—	—	—	—	—	—	2	—	—	—	—	2
15	—	—	—	—	—	—	2	—	—	—	—	2
12	—	—	—	—	—	—	2	—	—	2	—	—
11	74	—	—	—	74	—	—	—	—	—	—	—
9	15	—	—	—	15	—	95	—	—	—	95	—
8	165	—	—	152	13	—	163	—	—	152	11	—
7	179	—	—	157	22	—	354	—	—	173	181	—
6	114	—	—	74	40	—	119	—	—	74	45	—
5	246	—	—	100	146	—	101	—	—	101	—	—
4	170	—	—	21	149	—	76	—	—	—	75	1
3	183	—	—	—	183	—	164	—	—	2	162	—
2	1	—	—	—	1	—	74	—	—	—	74	—
Total trips:											2,299	

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

Upbound							Downbound					
Grand Total	1,578	280	—	938	343	17	1,573	279	—	937	343	14
FOREIGN												
Total	280	280	—	—	—	—	279	279	—	—	—	—
40	1	1	—	—	—	—	14	14	—	—	—	—
39	5	5	—	—	—	—	19	19	—	—	—	—
38	11	11	—	—	—	—	17	17	—	—	—	—
37	28	28	—	—	—	—	28	28	—	—	—	—
36	21	21	—	—	—	—	17	17	—	—	—	—
35	22	22	—	—	—	—	10	10	—	—	—	—
34	22	22	—	—	—	—	4	4	—	—	—	—
33	12	12	—	—	—	—	3	3	—	—	—	—
32	10	10	—	—	—	—	7	7	—	—	—	—
31	9	9	—	—	—	—	2	2	—	—	—	—
30	16	16	—	—	—	—	8	8	—	—	—	—
29	20	20	—	—	—	—	11	11	—	—	—	—
28	15	15	—	—	—	—	9	9	—	—	—	—
27	26	26	—	—	—	—	20	20	—	—	—	—
26	20	20	—	—	—	—	22	22	—	—	—	—
25	20	20	—	—	—	—	21	21	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR - continued												
	Upbound						Downbound					
FOREIGN												
24	10	10	—	—	—	—	20	20	—	—	—	—
23	7	7	—	—	—	—	20	20	—	—	—	—
22	3	3	—	—	—	—	14	14	—	—	—	—
21	1	1	—	—	—	—	6	6	—	—	—	—
20	1	1	—	—	—	—	4	4	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	1,298	—	—	938	343	17	1,294	—	—	937	343	14
18	5	—	—	5	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	1	—	—	—	1	—
14	—	—	—	—	—	—	14	—	—	—	14	—
13	7	—	—	7	—	—	17	—	—	9	8	—
12	189	—	—	159	30	—	172	—	—	172	—	—
11	200	—	—	190	10	—	181	—	—	180	—	1
10	317	—	—	283	34	—	288	—	—	279	9	—
9	242	—	—	150	92	—	151	—	—	148	3	—
8	23	—	—	21	2	—	24	—	—	24	—	—
7	72	—	—	49	23	—	49	—	—	49	—	—
6	91	—	—	73	18	—	75	—	—	75	—	—
5	2	—	—	1	1	—	38	—	—	1	37	—
4	3	—	—	—	3	—	20	—	—	—	20	—
3	48	—	—	—	34	14	39	—	—	—	30	9
2	99	—	—	—	96	3	225	—	—	—	221	4
										Total trips:		3,151

PORT OF VANCOUVER, WA												
Grand Total	Inbound						Outbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	2,658	250	61	1,786	513	48	2,651	248	58	1,778	519	48
FOREIGN												
Total	326	250	60	9	7	—	320	248	56	8	8	—
41	1	1	—	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	34	34	—	—	—	—
39	4	1	3	—	—	—	8	8	—	—	—	—
38	2	—	2	—	—	—	10	9	1	—	—	—
37	2	1	1	—	—	—	9	9	—	—	—	—
36	5	5	—	—	—	—	7	7	—	—	—	—
35	10	2	8	—	—	—	14	12	2	—	—	—
34	6	3	3	—	—	—	13	13	—	—	—	—
33	12	6	6	—	—	—	28	28	—	—	—	—
32	15	6	9	—	—	—	25	18	7	—	—	—
31	17	6	11	—	—	—	12	7	5	—	—	—
30	11	9	2	—	—	—	17	14	3	—	—	—
29	16	10	6	—	—	—	25	15	10	—	—	—
28	19	14	3	2	—	—	19	10	9	—	—	—
27	11	8	3	—	—	—	10	7	3	—	—	—
26	13	11	2	—	—	—	16	12	4	—	—	—
25	13	13	—	—	—	—	11	7	4	—	—	—
24	23	23	—	—	—	—	15	12	3	—	—	—
23	24	24	—	—	—	—	11	10	1	—	—	—
22	30	30	—	—	—	—	4	4	—	—	—	—
21	28	28	—	—	—	—	5	5	—	—	—	—
20	28	24	—	—	4	—	4	3	1	—	—	—
19	19	16	—	—	3	—	6	3	3	—	—	—
≤ 18	16	9	—	7	—	—	17	1	—	8	8	—
DOMESTIC												
Total	2,332	—	1	1,777	506	48	2,331	—	2	1,770	511	48
≤ 18	2,332	—	1	1,777	506	48	2,331	—	2	1,770	511	48
										Total trips:		5,309

Trips and Drafts of Vessels, 2008
(draft in feet)

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

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR

	Upbound						Downbound					
Grand Total	3,817	—	—	1,328	2,107	382	3,817	—	—	1,328	2,107	382

DOMESTIC

Total	3,817	—	—	1,328	2,107	382	3,817	—	—	1,328	2,107	382
17	1	—	—	—	—	1	—	—	—	—	—	—
16	1	—	—	—	1	—	166	—	—	—	166	—
15	48	—	—	—	8	40	1	—	—	—	1	—
14	171	—	—	—	11	160	418	—	—	—	368	50
13	233	—	—	—	86	147	464	—	—	—	459	5
12	218	—	—	34	164	20	266	—	—	64	201	1
11	162	—	—	105	56	1	172	—	—	104	68	—
10	406	—	—	365	41	—	498	—	—	349	149	—
9	113	—	—	74	39	—	196	—	—	77	119	—
8	370	—	—	296	74	—	379	—	—	300	79	—
7	285	—	—	213	72	—	206	—	—	197	9	—
≤ 6	1,809	—	—	241	1,555	13	1,051	—	—	237	488	326
										Total trips:		7,634

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

	Upbound						Downbound					
Grand Total	2,848	—	—	833	1,587	428	2,850	—	—	835	1,587	428

DOMESTIC

Total	2,848	—	—	833	1,587	428	2,850	—	—	835	1,587	428
17	5	—	—	—	—	5	2	—	—	—	—	2
16	2	—	—	—	2	—	166	—	—	—	166	—
15	42	—	—	—	1	41	1	—	—	—	1	—
14	176	—	—	—	5	171	153	—	—	—	100	53
13	232	—	—	—	65	167	460	—	—	—	450	10
12	198	—	—	5	159	34	180	—	—	6	171	3
11	94	—	—	92	2	—	147	—	—	94	53	—
10	358	—	—	327	31	—	405	—	—	324	81	—
9	34	—	—	27	7	—	140	—	—	27	113	—
8	267	—	—	255	12	—	293	—	—	255	38	—
7	90	—	—	90	—	—	94	—	—	89	5	—
6	11	—	—	11	—	—	13	—	—	12	1	—
5	270	—	—	26	244	—	30	—	—	28	2	—
4	52	—	—	—	52	—	68	—	—	—	9	59
3	220	—	—	—	218	2	89	—	—	—	84	5
2	797	—	—	—	789	8	608	—	—	—	312	296
1	—	—	—	—	—	—	1	—	—	—	1	—
										Total trips:		5,698

PORT OF PORTLAND, OR

	Inbound						Outbound					
Grand Total	10,533	812	50	7,044	2,046	581	10,558	846	48	7,041	2,046	577

FOREIGN

Total	962	812	17	69	59	5	989	846	19	62	59	3
40	2	2	—	—	—	—	69	69	—	—	—	—
39	6	6	—	—	—	—	42	42	—	—	—	—
38	14	12	2	—	—	—	39	38	1	—	—	—
37	30	29	1	—	—	—	59	59	—	—	—	—
36	22	21	1	—	—	—	61	60	1	—	—	—
35	30	25	5	—	—	—	40	40	—	—	—	—
34	29	27	2	—	—	—	52	51	1	—	—	—
33	23	21	2	—	—	—	44	42	1	1	—	—
32	26	26	—	—	—	—	52	51	1	—	—	—
31	46	46	—	—	—	—	27	27	—	—	—	—
30	55	54	1	—	—	—	36	36	—	—	—	—
29	69	69	—	—	—	—	65	60	5	—	—	—
28	33	33	—	—	—	—	47	46	1	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

PORT OF PORTLAND, OR - continued

	Inbound						Outbound					
FOREIGN												
27	44	41	—	1	1	1	51	51	—	—	—	—
26	28	28	—	—	—	—	35	34	1	—	—	—
25	33	32	1	—	—	—	37	37	—	—	—	—
24	26	26	—	—	—	—	29	24	5	—	—	—
23	43	41	—	1	—	1	27	26	1	—	—	—
22	85	82	2	—	1	—	14	14	—	—	—	—
21	79	79	—	—	—	—	16	15	1	—	—	—
20	88	56	—	—	32	—	15	15	—	—	—	—
19	29	28	—	—	1	—	5	5	—	—	—	—
≤ 18	122	28	—	67	24	3	127	4	—	61	59	3
DOMESTIC												
Total	9,571	—	33	6,975	1,987	576	9,569	—	29	6,979	1,987	574
37	—	—	—	—	—	—	2	—	2	—	—	—
36	6	—	6	—	—	—	4	—	4	—	—	—
35	9	—	9	—	—	—	2	—	2	—	—	—
34	8	—	8	—	—	—	2	—	2	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
28	3	—	1	—	—	2	—	—	—	—	—	—
27	13	—	1	—	—	12	2	—	1	—	—	1
26	21	—	1	—	—	20	3	—	1	—	—	2
25	10	—	1	—	—	9	2	—	1	—	—	1
24	24	—	1	—	—	23	6	—	1	—	—	5
23	1	—	—	—	—	1	—	—	—	—	—	—
22	8	—	—	—	—	8	2	—	—	—	—	2
21	1	—	—	—	—	1	3	—	—	3	—	—
20	1	—	—	—	—	1	4	—	—	3	—	1
19	6	—	—	—	—	6	1	—	—	—	—	1
≤ 18	9,456	—	1	6,975	1,987	493	9,531	—	10	6,973	1,987	561
										Total trips:		21,091

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

	Upbound						Downbound					
Grand Total	1,459	—	—	640	819	—	1,460	—	—	641	819	—
DOMESTIC												
Total	1,459	—	—	640	819	—	1,460	—	—	641	819	—
14	46	—	—	—	46	—	—	—	—	—	—	—
13	45	—	—	—	45	—	—	—	—	—	—	—
12	65	—	—	—	65	—	—	—	—	—	—	—
11	23	—	—	—	23	—	2	—	—	—	2	—
10	—	—	—	—	—	—	11	—	—	—	11	—
9	—	—	—	—	—	—	17	—	—	—	17	—
8	—	—	—	—	—	—	8	—	—	—	8	—
7	2	—	—	2	—	—	103	—	—	2	101	—
6	638	—	—	638	—	—	907	—	—	639	268	—
5	—	—	—	—	—	—	73	—	—	—	73	—
4	90	—	—	—	90	—	74	—	—	—	74	—
3	—	—	—	—	—	—	146	—	—	—	146	—
2	550	—	—	—	550	—	119	—	—	—	119	—
										Total trips:		2,919

COOS BAY, OR

	Inbound						Outbound					
Grand Total	489	42	—	394	52	1	485	43	—	399	43	—
FOREIGN												
Total	52	42	—	1	9	—	48	43	—	3	2	—
37	—	—	—	—	—	—	6	6	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

COOS BAY, OR - continued

	Inbound						Outbound					
FOREIGN												
36	—	—	—	—	—	—	6	6	—	—	—	—
35	—	—	—	—	—	—	9	9	—	—	—	—
34	—	—	—	—	—	—	6	6	—	—	—	—
33	—	—	—	—	—	—	5	5	—	—	—	—
31	1	1	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	1	1	—	—	—	—
29	1	1	—	—	—	—	3	3	—	—	—	—
28	3	3	—	—	—	—	—	—	—	—	—	—
27	6	6	—	—	—	—	—	—	—	—	—	—
26	9	9	—	—	—	—	—	—	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
24	11	11	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
15	3	1	—	—	—	2	3	2	—	—	1	—
14	2	—	—	1	—	1	—	2	—	—	—	—
≤ 12	7	1	—	—	—	6	5	1	—	3	1	—
DOMESTIC												
Total	437	—	—	393	43	1	437	—	—	396	41	—
20	1	—	—	1	—	—	—	—	—	—	—	—
17	2	—	—	2	—	—	4	—	—	3	1	—
16	22	—	—	22	—	—	28	—	—	20	8	—
15	14	—	—	14	—	—	14	—	—	14	—	—
14	4	—	—	3	1	—	12	—	—	1	11	—
13	20	—	—	18	2	—	27	—	—	23	4	—
≤ 12	374	—	—	333	40	1	352	—	—	335	17	—
										Total trips:		974

COLUMBIA RIVER SYSTEM

	Upbound						Downbound					
Grand Total	31,949	14,712	118	11,595	4,715	809	18,725	1,585	115	11,596	4,720	709
FOREIGN												
Total	1,828	1,572	83	92	76	5	1,848	1,585	84	93	81	5
41	5	5	—	—	—	—	4	4	—	—	—	—
40	9	7	2	—	—	—	258	255	1	1	—	1
39	13	10	3	—	—	—	63	63	—	—	—	—
38	21	16	5	—	—	—	67	62	3	2	—	—
37	37	35	2	—	—	—	81	79	—	1	—	1
36	31	30	1	—	—	—	87	86	1	—	—	—
35	53	39	14	—	—	—	78	76	2	—	—	—
34	47	41	6	—	—	—	96	94	2	—	—	—
33	46	37	9	—	—	—	102	100	1	1	—	—
32	53	44	9	—	—	—	94	86	8	—	—	—
31	75	63	12	—	—	—	50	45	5	—	—	—
30	77	74	3	—	—	—	70	67	3	—	—	—
29	100	94	6	—	—	—	107	89	18	—	—	—
28	69	64	3	2	—	—	83	72	11	—	—	—
27	80	74	3	1	1	1	68	65	3	—	—	—
26	64	62	2	—	—	—	68	63	5	—	—	—
25	64	63	1	—	—	—	63	57	6	—	—	—
24	89	89	—	—	—	—	55	47	8	—	—	—
23	121	119	—	1	—	1	48	46	2	—	—	—
22	175	172	2	—	1	—	27	27	—	—	—	—
21	156	156	—	—	—	—	29	28	1	—	—	—
20	147	111	—	—	36	—	25	24	1	—	—	—
19	109	97	—	1	11	—	25	21	3	1	—	—
18	27	25	—	1	1	—	5	4	—	—	1	—
17	14	11	—	1	1	1	5	5	—	—	—	—
16	62	9	—	42	11	—	52	1	—	46	5	—
15	25	8	—	13	3	1	15	1	—	12	2	—
14	22	2	—	16	3	1	18	—	—	13	5	—
13	13	1	—	7	5	—	15	1	—	6	8	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

COLUMBIA RIVER SYSTEM - continued

Upbound

Downbound

FOREIGN

12	7	1	—	4	2	—	13	2	—	6	5	—
11	1	—	—	—	1	—	1	—	—	—	1	—
10	4	3	—	1	—	—	7	5	—	1	1	—
9	4	2	—	2	—	—	6	3	—	2	1	—
8	2	2	—	—	—	—	2	1	—	1	—	—
7	2	2	—	—	—	—	6	2	—	—	1	3
6	1	1	—	—	—	—	2	1	—	—	1	—
5	1	1	—	—	—	—	5	1	—	—	4	—
4	1	1	—	—	—	—	48	2	—	—	46	—
2	1	1	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	30,121	13,140	35	11,503	4,639	804	16,877	—	31	11,503	4,639	704
37	—	—	—	—	—	—	2	—	2	—	—	—
36	6	—	6	—	—	—	4	—	4	—	—	—
35	9	—	9	—	—	—	2	—	2	—	—	—
34	9	—	9	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
28	3	—	1	—	—	2	—	—	—	—	—	—
27	12	—	1	—	—	11	3	—	1	—	—	2
26	20	—	1	—	—	19	4	—	1	—	—	3
25	10	—	1	—	—	9	2	—	1	—	—	1
24	21	—	1	—	—	20	9	—	1	—	—	8
23	1	—	—	—	—	1	—	—	—	—	—	—
22	8	—	—	—	—	8	2	—	—	—	—	2
21	1	—	—	—	—	1	1	—	1	—	—	—
20	3	—	—	3	—	—	4	—	—	3	—	1
19	7	—	—	—	—	7	4,187	—	—	3,830	—	357
18	38	—	—	15	4	19	19	—	—	7	12	—
17	23	—	—	6	—	17	22	—	—	4	9	9
16	169	—	—	54	112	3	142	—	—	47	93	2
15	48	—	1	31	16	—	56	—	10	25	11	10
14	407	—	1	46	290	70	291	—	—	21	208	62
13	856	—	—	163	493	200	397	—	—	154	215	28
12	1,814	—	—	1,308	396	110	760	—	—	658	95	7
11	2,001	—	—	1,709	290	2	888	—	1	815	70	2
10	1,173	—	—	1,042	130	1	2,088	—	—	1,988	98	2
9	1,728	—	—	1,501	226	1	618	—	—	585	31	2
8	1,362	—	—	1,064	278	20	871	—	1	762	64	44
7	2,861	—	—	2,630	231	—	1,212	—	—	1,123	89	—
6	1,637	—	—	1,532	104	1	1,465	—	—	1,200	260	5
5	343	—	—	341	2	—	311	—	—	229	80	2
4	490	—	—	35	447	8	307	—	—	26	239	42
3	14,425	13,140	—	19	1,235	31	625	—	—	19	598	8
2	631	—	—	4	384	243	861	—	—	7	749	105
1	1	—	—	—	1	—	1,718	—	—	—	1,718	—
										Total trips:		50,674

ALSEA BAY AND RIVER, OR
No Vessel Trips Reported

CHETCO RIVER, OR
No Vessel Trips Reported

CHINOOK CHANNEL, WA
(13 feet and less)

Grand Total	Upbound						Downbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	409	—	—	207	202	—	673	—	—	275	398	—
										Total trips:		1,082

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CLATSKANIE RIVER, OR (11 feet and less)												
				Upbound						Downbound		
Grand Total	6	—	—	4	—	2	6	—	—	4	—	2
										Total trips:		12
COLUMBIA RIVER AT BAKERS BAY, WA (10 feet and less)												
				Upbound						Downbound		
Grand Total	132	4	—	64	64	—	131	3	—	64	64	—
										Total trips:		263
COLUMBIA SLOUGH, OR No Vessel Trips Reported												
COOS AND MILLICOMA RIVERS, OR (5 feet and less)												
				Upbound						Downbound		
Grand Total	—	—	—	—	—	—	1	—	—	—	1	—
										Total trips:		1
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 No Vessel Trips Reported												
LEWIS RIVER, WA No Vessel Trips Reported												
PORT OF ASTORIA, OR (28 feet and less)												
				Inbound						Outbound		
Grand Total	200	34	—	137	29	—	205	36	1	140	28	—
										Total trips:		405

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF ST. HELENS, OR (12 feet and less)												
				Inbound						Outbound		
Grand Total	4	—	—	4	—	—	3	—	—	3	—	—
										Total trips:		7
PORT ORFORD, OR No Vessel Trips Reported												
ROGUE RIVER, OR (4 feet and less)												
				Upbound						Downbound		
Grand Total	506	506	—	—	—	—	506	506	—	—	—	—
										Total trips:		1,012
SIUSLAW RIVER, OR No Vessel Trips Reported												
SKAMOKAWA (STEAMBOAT) SLOUGH, WA No Vessel Trips Reported												
SKAMOKAWA CREEK, WA No Vessel Trips Reported												
SKIPANON CHANNEL, OR (13 feet and less)												
				Upbound						Downbound		
Grand Total	72	—	—	16	56	—	73	—	—	17	56	—
										Total trips:		145
SMITH RIVER, OR No Vessel Trips Reported												
TILLAMOOK BAY AND BAR, OR No Vessel Trips Reported												
UMPQUA RIVER, OR (17 feet and less)												
				Upbound						Downbound		
Grand Total	79	4	—	38	37	—	80	4	—	38	38	—
										Total trips:		159
WESTPORT SLOUGH, OR (3 feet and less)												
				Upbound						Downbound		
Grand Total	6,570	6,570	—	—	—	—	6,570	6,570	—	—	—	—
										Total trips:		13,140
YAQUINA BAY AND HARBOR, OR (13 feet and less)												
				Upbound						Downbound		
Grand Total	—	—	—	—	—	—	1	1	—	—	—	—
										Total trips:		1
YAQUINA RIVER, OR No Vessel Trips Reported												
YOUNGS BAY AND YOUNGS RIVER, OR (12 feet and less)												
				Upbound						Downbound		
Grand Total	6	—	—	4	—	2	5	—	—	2	—	3
										Total trips:		11

Trips and Drafts of Vessels, 2008
(draft in feet)

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

GRAYS HARBOR AND CHEHALIS RIVER, WA

	Inbound						Outbound					
Grand Total	353	52	10	152	139	—	367	53	10	151	153	—

FOREIGN

Total	63	52	10	1	—	—	66	53	10	2	1	—
38	—	—	—	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	3	3	—	—	—	—
36	—	—	—	—	—	—	1	1	—	—	—	—
35	—	—	—	—	—	—	3	3	—	—	—	—
34	—	—	—	—	—	—	11	11	—	—	—	—
33	1	—	1	—	—	—	6	4	2	—	—	—
32	2	1	1	—	—	—	5	4	1	—	—	—
31	1	—	1	—	—	—	2	1	1	—	—	—
30	—	—	—	—	—	—	4	4	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	2	1	1	—	—	—	3	3	—	—	—	—
27	3	2	1	—	—	—	2	—	2	—	—	—
26	1	—	1	—	—	—	1	—	1	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
24	2	1	1	—	—	—	2	1	1	—	—	—
23	2	1	1	—	—	—	—	—	—	—	—	—
22	10	9	1	—	—	—	—	—	—	—	—	—
21	8	8	—	—	—	—	1	—	1	—	—	—
20	3	3	—	—	—	—	1	—	1	—	—	—
19	6	6	—	—	—	—	—	—	—	—	—	—
18	3	3	—	—	—	—	—	—	—	—	—	—
16	2	2	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	1	—	—	—	1	—
13	13	13	—	—	—	—	13	13	—	—	—	—
≤ 12	3	2	—	1	—	—	5	3	—	2	—	—

DOMESTIC

Total	290	—	—	151	139	—	301	—	—	149	152	—
17	—	—	—	—	—	—	1	—	—	—	1	—
16	6	—	—	6	—	—	21	—	—	10	11	—
15	1	—	—	1	—	—	1	—	—	1	—	—
14	1	—	—	—	1	—	11	—	—	—	11	—
13	75	—	—	75	—	—	94	—	—	89	5	—
≤ 12	207	—	—	69	138	—	173	—	—	49	124	—
										Total trips:	720	

PORT ANGELES HARBOR, WA

	Inbound						Outbound					
Grand Total	705	8	53	541	30	73	712	14	41	547	31	79

FOREIGN

Total	110	8	16	41	30	15	120	14	9	43	31	23
56	1	1	—	—	—	—	1	1	—	—	—	—
49	2	—	2	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	1	—	1	—	—	—
42	1	1	—	—	—	—	1	1	—	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	5	4	—	1	—	—
39	—	—	—	—	—	—	2	1	1	—	—	—
38	1	1	—	—	—	—	2	1	—	1	—	—
37	2	—	2	—	—	—	2	—	—	—	—	2
36	2	—	2	—	—	—	2	2	—	—	—	—
34	1	—	1	—	—	—	1	—	1	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	3	—	3	—	—	—
28	2	—	2	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
25	1	—	1	—	—	—	1	—	1	—	—	—
23	2	1	1	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

PORT ANGELES HARBOR, WA - continued

	Inbound						Outbound					
FOREIGN												
≤ 18	88	2	—	41	30	15	96	3	—	41	31	21
DOMESTIC												
Total	595	—	37	500	—	58	592	—	32	504	—	56
53	5	—	5	—	—	—	5	—	5	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
40	4	—	4	—	—	—	2	—	2	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	1	—	1	—	—	—
25	1	—	1	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	3	—	3	—	—	—
20	—	—	—	—	—	—	1	—	—	1	—	—
19	230	—	—	230	—	—	229	—	—	229	—	—
≤ 18	351	—	23	270	—	58	350	—	20	274	—	56
										Total trips:		1,417

HAMMERSLEY INLET, WA

	Upbound						Downbound					
Grand Total	351	—	—	206	139	6	356	—	—	210	139	7
FOREIGN												
Total	—	—	—	—	—	—	2	—	—	—	2	—
13	—	—	—	—	—	—	2	—	—	—	2	—
DOMESTIC												
Total	351	—	—	206	139	6	354	—	—	210	137	7
13	4	—	—	1	3	—	30	—	—	1	22	7
12	1	—	—	—	1	—	13	—	—	—	13	—
11	—	—	—	—	—	—	1	—	—	1	—	—
10	165	—	—	165	—	—	184	—	—	165	19	—
9	2	—	—	1	1	—	44	—	—	1	43	—
8	34	—	—	34	—	—	37	—	—	37	—	—
≤ 6	145	—	—	5	134	6	45	—	—	5	40	—
										Total trips:		707

OLYMPIA HARBOR, WA

	Inbound						Outbound					
Grand Total	150	3	—	129	17	1	141	2	—	125	13	1
FOREIGN												
Total	12	3	—	4	5	—	4	2	—	1	1	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	9	—	—	4	5	—	2	—	—	1	1	—
DOMESTIC												
Total	138	—	—	125	12	1	137	—	—	124	12	1
≤ 18	138	—	—	125	12	1	137	—	—	124	12	1
										Total trips:		291

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
TACOMA HARBOR, WA												
	Inbound						Outbound					
Grand Total	27,991	20,916	66	5,639	741	629	27,873	20,828	66	5,636	707	636
FOREIGN												
Total	1,391	865	13	250	232	31	1,243	766	14	230	196	37
47	1	1	—	—	—	—	—	—	—	—	—	—
45	—	—	—	—	—	—	1	1	—	—	—	—
44	—	—	—	—	—	—	6	6	—	—	—	—
43	6	6	—	—	—	—	8	8	—	—	—	—
42	2	2	—	—	—	—	63	63	—	—	—	—
41	51	51	—	—	—	—	24	24	—	—	—	—
40	24	24	—	—	—	—	46	46	—	—	—	—
39	40	40	—	—	—	—	69	69	—	—	—	—
38	24	24	—	—	—	—	51	51	—	—	—	—
37	20	20	—	—	—	—	34	34	—	—	—	—
36	43	43	—	—	—	—	41	41	—	—	—	—
35	143	143	—	—	—	—	113	113	—	—	—	—
34	46	46	—	—	—	—	36	35	1	—	—	—
33	37	37	—	—	—	—	30	30	—	—	—	—
32	45	45	—	—	—	—	26	26	—	—	—	—
31	23	23	—	—	—	—	17	17	—	—	—	—
30	32	31	1	—	—	—	14	14	—	—	—	—
29	29	29	—	—	—	—	21	21	—	—	—	—
28	35	35	—	—	—	—	24	22	2	—	—	—
27	45	45	—	—	—	—	40	35	5	—	—	—
26	38	38	—	—	—	—	33	32	1	—	—	—
25	28	26	2	—	—	—	14	12	2	—	—	—
24	20	18	—	—	—	2	19	18	1	—	—	—
23	25	22	1	—	—	2	24	21	2	—	—	1
22	82	79	3	—	—	—	12	12	—	—	—	—
21	25	22	1	1	—	1	4	4	—	—	—	—
20	10	7	2	1	—	—	8	7	—	—	—	1
19	8	6	2	—	—	—	1	—	—	—	—	1
18	12	1	1	—	8	2	—	—	—	—	—	—
17	1	—	—	—	—	1	1	—	—	—	—	1
16	17	—	—	2	15	—	8	—	—	6	—	2
15	7	—	—	5	2	—	2	—	—	2	—	—
14	37	—	—	10	27	—	83	—	—	11	56	16
13	27	—	—	14	—	13	13	—	—	6	—	7
≤ 12	408	1	—	217	180	10	357	4	—	205	140	8
DOMESTIC												
Total	26,600	20,051	53	5,389	509	598	26,630	20,062	52	5,406	511	599
47	2	—	2	—	—	—	—	—	—	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	3	—	3	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	3	—	3	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	4	—	4	—	—	—	22	—	22	—	—	—
29	1	—	1	—	—	—	1	—	—	—	—	1
28	1	—	1	—	—	—	—	—	—	—	—	—
27	1	—	1	—	—	—	—	—	—	—	—	—
26	5	—	—	—	—	5	17	—	—	—	—	17
25	145	142	3	—	—	—	144	144	—	—	—	—
24	7	—	2	—	—	—	17	—	—	—	—	17
23	1	—	1	—	—	—	3	—	2	—	—	1
22	7	—	—	—	—	7	—	—	—	—	—	—
21	6	—	1	—	—	5	2	—	—	—	—	2
20	1	—	—	1	—	—	1	—	—	—	—	1
19	99	—	—	91	—	8	92	—	—	92	—	—
18	9	—	—	2	—	7	7	—	—	2	—	5
17	78	62	—	—	—	16	77	73	—	—	—	4
16	90	70	—	10	—	10	86	70	—	10	—	6
15	438	—	—	419	3	16	465	—	—	422	31	12
14	20,225	19,770	4	424	—	27	20,203	19,770	6	425	—	2
13	230	—	—	201	—	29	216	—	—	208	2	6
≤ 12	5,237	7	20	4,241	506	463	5,276	5	21	4,247	478	525
Total trips:											55,864	

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SEATTLE HARBOR, WA

	Inbound						Outbound					
Grand Total	56,888	50,618	106	3,866	1,665	633	56,926	50,698	106	3,821	1,682	619

FOREIGN

Total	1,902	956	6	484	427	29	1,973	1,024	3	484	434	28
46	2	2	—	—	—	—	2	2	—	—	—	—
45	5	5	—	—	—	—	5	5	—	—	—	—
44	5	5	—	—	—	—	12	12	—	—	—	—
43	15	15	—	—	—	—	30	30	—	—	—	—
42	16	16	—	—	—	—	32	32	—	—	—	—
41	19	19	—	—	—	—	28	28	—	—	—	—
40	30	30	—	—	—	—	39	39	—	—	—	—
39	24	24	—	—	—	—	58	57	—	1	—	—
38	39	39	—	—	—	—	64	64	—	—	—	—
37	33	32	1	—	—	—	25	25	—	—	—	—
36	31	31	—	—	—	—	53	53	—	—	—	—
35	85	85	—	—	—	—	60	60	—	—	—	—
34	31	31	—	—	—	—	76	76	—	—	—	—
33	31	31	—	—	—	—	22	22	—	—	—	—
32	84	82	1	1	—	—	81	79	2	—	—	—
31	39	39	—	—	—	—	26	26	—	—	—	—
30	85	85	—	—	—	—	92	92	—	—	—	—
29	11	11	—	—	—	—	21	21	—	—	—	—
28	79	78	1	—	—	—	57	57	—	—	—	—
27	53	53	—	—	—	—	61	61	—	—	—	—
26	37	37	—	—	—	—	39	39	—	—	—	—
25	29	29	—	—	—	—	38	37	—	—	1	—
24	37	37	—	—	—	—	19	19	—	—	—	—
23	14	13	1	—	—	—	12	9	—	1	—	2
22	158	100	1	—	57	—	32	31	1	—	—	—
21	10	9	1	—	—	—	3	2	—	1	—	—
20	4	2	—	—	—	2	—	—	—	—	—	—
19	2	1	—	—	1	—	8	6	—	—	—	2
≤ 18	894	15	—	483	369	27	978	40	—	481	433	24

DOMESTIC

Total	54,986	49,662	100	3,382	1,238	604	54,953	49,674	103	3,337	1,248	591
40	4	—	4	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	2	1	1	—	—	—	2	2	—	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	2	1	1	—	—	—	4	4	—	—	—	—
34	—	—	—	—	—	—	5	5	—	—	—	—
33	1	—	1	—	—	—	14	14	—	—	—	—
32	—	—	—	—	—	—	8	8	—	—	—	—
31	2	1	1	—	—	—	9	9	—	—	—	—
30	2	1	1	—	—	—	9	9	—	—	—	—
29	1	1	—	—	—	—	1	1	—	—	—	—
28	2	2	—	—	—	—	1	1	—	—	—	—
27	12	9	—	—	—	3	1	—	1	—	—	—
26	25	18	1	—	—	6	2	1	1	—	—	—
25	9	8	—	—	—	1	5	—	5	—	—	—
24	11	9	—	—	—	2	1	—	1	—	—	—
23	4	2	—	—	—	2	—	—	—	—	—	—
22	3	—	3	—	—	—	11	—	9	—	—	2
21	12	1	—	—	10	1	10	—	—	—	10	—
20	40	—	—	40	—	—	42	—	—	42	—	—
19	84	—	—	82	1	1	85	—	—	84	1	—
≤ 18	54,767	49,608	84	3,260	1,227	588	54,742	49,620	85	3,211	1,237	589

Total trips: 113,814

LAKE WASHINGTON SHIP CANAL, WA

	Upbound						Downbound					
Grand Total	1,019	49	—	482	483	5	1,044	61	—	492	487	4

FOREIGN

Total	42	5	—	25	11	1	63	9	—	35	18	1
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Trips and Drafts of Vessels, 2008
(draft in feet)

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

LAKE WASHINGTON SHIP CANAL, WA - continued
Upbound

Downbound

FOREIGN

38	1	1	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	1	1	—	—	—	—	—
≤ 22	41	4	—	25	11	1	62	8	—	35	18	—	1

DOMESTIC

Total	977	44	—	457	472	4	981	52	—	457	469	3	3
≤ 22	977	44	—	457	472	4	981	52	—	457	469	3	3
										Total trips:			2,063

EVERETT HARBOR AND SNOHOMISH RIVER, WA
Inbound

Outbound

Grand Total	1,459	609	—	452	396	2	1,485	593	—	477	413	2
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FOREIGN

Total	345	101	—	79	165	—	352	85	—	91	176	—
34	5	5	—	—	—	—	—	—	—	—	—	—
33	2	2	—	—	—	—	—	—	—	—	—	—
32	4	4	—	—	—	—	—	—	—	—	—	—
31	9	9	—	—	—	—	4	4	—	—	—	—
30	4	4	—	—	—	—	1	1	—	—	—	—
29	3	3	—	—	—	—	1	1	—	—	—	—
28	5	5	—	—	—	—	3	3	—	—	—	—
27	4	4	—	—	—	—	25	25	—	—	—	—
26	11	11	—	—	—	—	4	4	—	—	—	—
25	11	11	—	—	—	—	3	3	—	—	—	—
24	2	2	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	3	3	—	—	—	—
22	3	3	—	—	—	—	3	3	—	—	—	—
21	14	14	—	—	—	—	11	11	—	—	—	—
20	6	6	—	—	—	—	5	5	—	—	—	—
19	3	3	—	—	—	—	6	6	—	—	—	—
≤ 18	257	13	—	79	165	—	282	15	—	91	176	—

DOMESTIC

Total	1,114	508	—	373	231	2	1,133	508	—	386	237	2
19	4	—	—	4	—	—	4	—	—	4	—	—
≤ 18	1,110	508	—	369	231	2	1,129	508	—	382	237	2
										Total trips:		2,944

SWINOMISH CHANNEL, WA

Upbound

Downbound

Grand Total	228	3	—	224	1	—	230	3	—	224	3	—
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DOMESTIC

Total	228	3	—	224	1	—	230	3	—	224	3	—
10	35	—	—	35	—	—	34	—	—	34	—	—
9	3	—	—	3	—	—	—	—	—	—	—	—
8	40	—	—	40	—	—	47	—	—	47	—	—
≤ 6	150	3	—	146	1	—	149	3	—	143	3	—
										Total trips:		458

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ANACORTES HARBOR, WA												
	Inbound						Outbound					
Grand Total	2,090	509	194	1,025	60	302	2,060	511	179	1,004	54	312
FOREIGN												
Total	373	13	51	170	36	103	362	15	50	162	51	84
48	1	—	1	—	—	—	—	—	—	—	—	—
47	4	—	4	—	—	—	—	—	—	—	—	—
45	2	—	2	—	—	—	4	—	4	—	—	—
44	—	—	—	—	—	—	2	—	2	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	—	—	—	—	—	—	3	—	3	—	—	—
41	—	—	—	—	—	—	1	—	1	—	—	—
40	2	—	2	—	—	—	1	—	1	—	—	—
39	—	—	—	—	—	—	3	—	3	—	—	—
38	1	—	1	—	—	—	4	1	3	—	—	—
37	2	—	2	—	—	—	1	1	—	—	—	—
36	—	—	—	—	—	—	3	1	2	—	—	—
35	4	—	4	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	2	—	2	—	—	—
33	5	—	5	—	—	—	4	—	4	—	—	—
32	4	—	4	—	—	—	2	1	1	—	—	—
31	2	—	2	—	—	—	5	2	3	—	—	—
30	3	1	1	—	—	1	2	—	2	—	—	—
29	2	—	2	—	—	—	1	1	—	—	—	—
28	1	—	1	—	—	—	8	—	4	1	—	3
27	2	—	2	—	—	—	5	—	2	1	—	2
26	2	—	2	—	—	—	5	—	1	2	—	2
25	31	1	1	15	—	14	26	—	1	12	—	13
24	3	—	2	—	—	1	31	—	1	12	—	18
23	7	—	2	1	—	4	19	1	1	8	—	9
22	26	—	1	16	—	9	10	—	2	5	1	2
21	50	—	1	23	—	26	6	—	1	4	—	1
20	5	2	1	1	—	1	3	—	3	—	—	—
19	8	3	1	3	—	1	—	—	—	—	—	—
≤ 18	203	6	4	111	36	46	210	7	2	117	50	34
DOMESTIC												
Total	1,717	496	143	855	24	199	1,698	496	129	842	3	228
41	23	—	23	—	—	—	—	—	—	—	—	—
40	19	—	19	—	—	—	6	—	6	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	6	—	6	—	—	—	2	—	2	—	—	—
37	5	—	5	—	—	—	2	—	2	—	—	—
36	6	—	6	—	—	—	2	—	2	—	—	—
35	2	—	2	—	—	—	2	—	2	—	—	—
34	6	—	6	—	—	—	2	—	2	—	—	—
33	12	—	12	—	—	—	4	—	4	—	—	—
32	10	—	10	—	—	—	1	—	1	—	—	—
31	8	—	8	—	—	—	32	—	32	—	—	—
30	7	—	7	—	—	—	2	—	2	—	—	—
29	—	—	—	—	—	—	2	—	2	—	—	—
28	1	—	1	—	—	—	4	—	2	—	—	2
27	5	—	5	—	—	—	6	—	3	—	—	3
26	9	—	4	—	—	5	11	—	1	—	—	10
25	15	—	15	—	—	—	6	—	4	—	—	2
24	6	—	2	—	—	4	12	—	2	—	—	10
23	1	—	1	—	—	—	7	—	1	—	—	6
22	4	—	3	—	—	1	17	—	6	—	—	11
21	2	—	—	—	—	2	13	—	1	1	—	11
20	2	—	—	1	—	1	1	—	—	1	—	—
19	450	—	—	450	—	—	451	—	—	450	—	1
≤ 18	1,118	496	8	404	24	186	1,112	496	51	390	3	172
										Total trips:		4,150

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BELLINGHAM BAY AND HARBOR, WA (33 feet and less)												
				Inbound							Outbound	
Grand Total	645	181	—	427	13	24	636	177	—	423	15	21
										Total trips:		1,281
BLAINE HARBOR, WA (16 feet and less)												
				Inbound							Outbound	
Grand Total	5	2	1	1	1	—	3	1	—	1	1	—
										Total trips:		8
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA (8 feet and less)												
				Upbound							Downbound	
Grand Total	22,038	22,037	—	1	—	—	22,038	22,037	—	1	—	—
										Total trips:		44,076
FLATHEAD LAKE, MT No Vessel Trips Reported												
HOQUIAM RIVER, WA No Vessel Trips Reported												
KOOTENAI RIVER, ID AND MT No Vessel Trips Reported												
KOOTENAI RIVER, ID AND MT (14 feet and less)												
				Inbound							Outbound	
Grand Total	7,347	7,347	—	—	—	—	7,347	7,347	—	—	—	—
										Total trips:		14,694
NEAH BAY, WA (6 feet and less)												
				Inbound							Outbound	
Grand Total	1	—	—	—	1	—	1	—	—	—	1	—
										Total trips:		2
PORT GAMBLE HARBOR, WA (14 feet and less)												
				Inbound							Outbound	
Grand Total	9	—	—	9	—	—	11	—	—	10	1	—
										Total trips:		20
PORT TOWNSEND HARBOR, WA (22 feet and less)												
				Inbound							Outbound	
Grand Total	7,478	7,351	—	107	17	3	7,473	7,349	—	104	17	3
										Total trips:		14,951

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
QUILLAYUTE RIVER, WA (22 feet and less)												
				Upbound						Downbound		
Grand Total	—	—	—	—	—	—	1	—	1	—	—	—
										Total trips:		1
SKAGIT RIVER, WA (4 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
STILLAGUAMISH RIVER, WA No Vessel Trips Reported												
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA (14 feet and less)												
				Upbound						Downbound		
Grand Total	16	—	—	14	2	—	16	—	—	14	2	—
										Total trips:		32
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA No Vessel Trips Reported												
OTHER PUGET SOUND AREA PORTS, WA (53 feet and less)												
				Inbound						Outbound		
Grand Total	196,854	192,417	325	2,825	872	415	196,938	192,399	328	2,881	882	448
										Total trips:		393,792

Trips and Drafts of Vessels, 2008
(draft in feet)

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

KETCHIKAN HARBOR, AK

	Inbound						Outbound					
Grand Total	2,025	1,291	—	260	429	45	2,022	1,281	—	259	439	43

FOREIGN

Total	560	514	—	23	15	8	556	507	—	24	17	8
30	3	3	—	—	—	—	16	16	—	—	—	—
29	18	18	—	—	—	—	20	20	—	—	—	—
28	62	62	—	—	—	—	48	48	—	—	—	—
27	186	186	—	—	—	—	186	186	—	—	—	—
26	61	61	—	—	—	—	63	63	—	—	—	—
25	34	34	—	—	—	—	41	41	—	—	—	—
24	76	76	—	—	—	—	68	68	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	20	20	—	—	—	—	20	20	—	—	—	—
21	10	10	—	—	—	—	8	8	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	8	8	—	—	—	—	7	7	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	4	—	—	—	—	4	4	—	—	—	—	4
15	3	—	—	3	—	—	4	—	3	—	—	1
14	9	—	—	3	3	3	21	—	9	9	—	3
13	3	1	—	—	2	—	4	1	1	2	—	—
≤ 12	62	34	—	17	10	1	43	26	—	11	6	—

DOMESTIC

Total	1,465	777	—	237	414	37	1,466	774	—	235	422	35
21	8	—	—	—	8	—	8	—	—	—	8	—
20	9	—	—	9	—	—	8	—	8	—	—	—
18	415	257	—	106	52	—	936	773	—	108	55	—
17	3	1	—	1	—	1	2	1	—	1	—	—
16	32	—	—	31	—	1	32	—	—	32	—	—
15	283	—	—	41	242	—	283	—	—	36	247	—
14	46	—	—	7	39	—	51	—	—	12	39	—
13	46	—	—	3	43	—	44	—	—	2	42	—
≤ 12	623	519	—	39	30	35	102	—	—	36	31	35

Total trips: 4,047

WRANGELL NARROWS, AK

	Upbound						Downbound					
Grand Total	1,202	446	—	312	410	34	1,113	450	—	263	379	21

FOREIGN

Total	23	16	—	4	2	1	24	17	—	3	3	1
24	1	1	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	1	—	—	—	1	—	1	—	—	—	1	—
17	1	1	—	—	—	—	2	2	—	—	—	—
15	2	1	—	1	—	—	2	1	—	1	—	—
14	1	—	—	—	—	1	1	—	—	—	—	1
13	9	8	—	—	1	—	9	8	—	—	1	—
≤ 12	5	2	—	3	—	—	6	3	—	2	1	—

DOMESTIC

Total	1,179	430	—	308	408	33	1,089	433	—	260	376	20
21	9	—	—	—	9	—	13	—	—	—	13	—
20	8	—	—	8	—	—	8	—	—	8	—	—
18	456	346	—	108	2	—	382	273	—	105	4	—
17	85	84	—	1	—	—	160	159	—	1	—	—
16	35	—	—	34	1	—	21	—	—	19	2	—
15	424	—	—	107	316	1	359	—	—	83	276	—
14	48	—	—	9	39	—	42	—	—	5	37	—
13	10	—	—	4	4	2	7	—	—	2	5	—
≤ 12	104	—	—	37	37	30	97	1	—	37	39	20

Total trips: 2,315

Trips and Drafts of Vessels, 2008
(draft in feet)

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

JUNEAU HARBOR, AK

	Upbound						Downbound					
Grand Total	2,134	1,603	---	254	249	28	2,144	1,602	---	261	254	27

FOREIGN

Total	631	524	---	64	41	2	634	522	---	66	45	1
35	1	1	---	---	---	---	1	1	---	---	---	---
30	---	---	---	---	---	---	20	20	---	---	---	---
29	18	18	---	---	---	---	19	19	---	---	---	---
28	83	83	---	---	---	---	62	62	---	---	---	---
27	185	185	---	---	---	---	187	187	---	---	---	---
26	77	77	---	---	---	---	76	76	---	---	---	---
25	38	38	---	---	---	---	46	46	---	---	---	---
24	75	75	---	---	---	---	67	67	---	---	---	---
23	1	1	---	---	---	---	1	1	---	---	---	---
22	21	21	---	---	---	---	21	21	---	---	---	---
21	8	8	---	---	---	---	8	8	---	---	---	---
19	9	9	---	---	---	---	8	8	---	---	---	---
18	---	---	---	---	---	---	2	---	---	1	1	---
17	1	---	---	---	---	1	---	---	---	---	---	---
15	3	1	---	---	1	1	---	---	---	---	---	---
14	1	---	---	1	---	---	---	---	---	---	---	---
13	1	1	---	---	---	---	---	---	---	---	---	---
11	1	---	---	1	---	---	1	---	---	1	---	---
10	4	2	---	2	---	---	2	2	---	---	---	---
9	10	4	---	3	3	---	39	4	---	5	30	---
8	---	---	---	---	---	---	1	---	---	---	---	1
6	25	---	---	1	24	---	1	---	---	1	---	---
5	45	---	---	45	---	---	46	---	---	46	---	---
4	13	---	---	11	2	---	15	---	---	12	3	---
3	10	---	---	---	10	---	11	---	---	---	11	---
2	1	---	---	---	1	---	---	---	---	---	---	---

DOMESTIC

Total	1,503	1,079	---	190	208	26	1,510	1,080	---	195	209	26
21	5	---	---	---	5	---	5	---	---	---	5	---
20	8	---	---	8	---	---	7	---	---	7	---	---
18	266	163	---	102	1	---	727	618	108	---	1	---
17	724	723	---	1	---	---	287	286	1	---	---	---
16	18	---	---	18	---	---	20	---	---	20	---	---
15	200	---	---	24	175	1	198	---	---	22	176	---
14	216	193	---	5	18	---	200	176	---	6	18	---
13	10	---	---	5	3	2	8	---	---	4	2	2
12	10	---	---	6	4	---	8	---	---	4	4	---
11	17	---	---	16	---	1	19	---	---	18	---	1
10	4	---	---	2	1	1	1	---	---	1	---	---
9	---	---	---	---	---	---	1	---	---	---	---	1
8	2	---	---	2	---	---	3	---	---	3	---	---
7	2	---	---	---	1	1	2	---	---	---	2	---
6	3	---	---	1	---	2	2	---	---	1	---	1
4	9	---	---	---	---	9	10	---	---	---	---	10
3	1	---	---	---	---	1	1	---	---	---	---	1
2	8	---	---	---	---	8	11	---	---	---	1	10
										Total trips:		4,278

VALDEZ HARBOR, AK

	Upbound						Downbound					
Grand Total	727	384	271	44	3	25	733	384	270	48	3	28

FOREIGN

Total	11	8	1	1	---	1	7	7	---	---	---	---
27	1	---	1	---	---	---	---	---	---	---	---	---
19	7	6	---	1	---	---	4	4	---	---	---	---
≤ 12	3	2	---	---	---	1	3	3	---	---	---	---

Trips and Drafts of Vessels, 2008
(draft in feet)

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

VALDEZ HARBOR, AK - continued

Upbound

Downbound

DOMESTIC

Total	716	376	270	43	3	24	726	377	270	48	3	28
62	—	—	—	—	—	—	2	—	2	—	—	—
61	—	—	—	—	—	—	16	—	16	—	—	—
60	—	—	—	—	—	—	16	—	16	—	—	—
59	—	—	—	—	—	—	1	—	1	—	—	—
58	—	—	—	—	—	—	2	—	2	—	—	—
57	—	—	—	—	—	—	2	—	2	—	—	—
55	—	—	—	—	—	—	3	—	3	—	—	—
54	—	—	—	—	—	—	4	—	4	—	—	—
53	—	—	—	—	—	—	76	—	76	—	—	—
52	21	—	21	—	—	—	12	—	12	—	—	—
51	—	—	—	—	—	—	5	—	5	—	—	—
50	—	—	—	—	—	—	28	—	28	—	—	—
49	—	—	—	—	—	—	5	—	5	—	—	—
48	—	—	—	—	—	—	7	—	7	—	—	—
47	—	—	—	—	—	—	15	—	15	—	—	—
46	—	—	—	—	—	—	9	—	9	—	—	—
45	—	—	—	—	—	—	4	—	4	—	—	—
44	—	—	—	—	—	—	1	—	1	—	—	—
43	—	—	—	—	—	—	4	—	4	—	—	—
42	—	—	—	—	—	—	4	—	4	—	—	—
41	—	—	—	—	—	—	5	—	5	—	—	—
40	2	—	2	—	—	—	32	—	32	—	—	—
39	—	—	—	—	—	—	3	—	3	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
37	—	—	—	—	—	—	1	—	1	—	—	—
36	—	—	—	—	—	—	8	—	8	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	—	—	—	—	—	—	1	—	1	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
31	93	—	93	—	—	—	—	—	—	—	—	—
25	9	—	9	—	—	—	—	—	—	—	—	—
23	15	—	15	—	—	—	—	—	—	—	—	—
22	29	—	29	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	3	—	—	—	—	3
20	10	—	—	10	—	—	15	—	—	10	—	5
19	—	—	—	—	—	—	3	—	—	—	—	3
18	252	252	—	—	—	—	130	126	—	—	—	4
17	2	—	—	2	—	—	6	—	1	4	—	1
16	1	—	—	1	—	—	1	—	—	1	—	—
15	30	26	—	4	—	—	156	153	—	3	—	—
14	20	—	18	2	—	—	3	—	—	2	—	1
13	10	—	6	4	—	—	8	—	—	5	—	3
≤ 12	221	98	76	20	3	24	132	98	—	23	3	8
										Total trips:		1,460

SEWARD HARBOR, AK

Inbound

Outbound

Grand Total	113	76	—	31	4	2	114	73	—	32	5	4
--------------------	------------	-----------	----------	-----------	----------	----------	------------	-----------	----------	-----------	----------	----------

FOREIGN

Total	76	76	—	—	—	—	73	73	—	—	—	—
40	—	—	—	—	—	—	3	3	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
27	29	29	—	—	—	—	27	27	—	—	—	—
26	10	10	—	—	—	—	8	8	—	—	—	—
25	9	9	—	—	—	—	8	8	—	—	—	—
24	10	10	—	—	—	—	9	9	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	3	3	—	—	—	—	3	3	—	—	—	—
19	8	8	—	—	—	—	7	7	—	—	—	—
13	1	1	—	—	—	—	1	1	—	—	—	—
12	1	1	—	—	—	—	1	1	—	—	—	—
11	—	—	—	—	—	—	1	1	—	—	—	—
10	3	3	—	—	—	—	2	2	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

SEWARD HARBOR, AK - continued

	Inbound						Outbound					
DOMESTIC												
Total	37	—	—	31	4	2	41	—	—	32	5	4
17	1	—	—	1	—	—	—	—	—	1	—	—
16	1	—	—	1	—	—	1	—	—	—	—	—
15	13	—	—	13	—	—	10	—	—	10	—	—
13	3	—	—	3	—	—	5	—	—	5	—	—
12	3	—	—	2	1	—	5	—	—	4	1	—
11	3	—	—	2	1	—	1	—	—	1	—	—
9	9	—	—	9	—	—	12	—	—	10	—	2
8	—	—	—	—	—	—	2	—	—	—	—	2
5	—	—	—	—	—	—	2	—	—	—	2	—
4	2	—	—	—	—	2	—	—	—	—	—	—
3	2	—	—	—	2	—	3	—	—	1	2	—
										Total trips:		227

ANCHORAGE, AK

	Inbound						Outbound					
Grand Total	364	267	—	33	40	24	393	272	3	46	38	34
FOREIGN												
Total	35	29	—	2	4	—	46	35	3	4	3	1
38	—	—	—	—	—	—	1	—	1	—	—	—
37	—	—	—	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	—	1	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	1	1	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	2	2	—	—	—	—	1	1	—	—	—	—
29	2	2	—	—	—	—	3	3	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	1	1	—	—	—	—	6	5	1	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	—	—	—	—	—	—	2	1	—	—	—	1
24	2	2	—	—	—	—	3	3	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	1	—	—	—	1	—	2	2	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	4	4	—	—	—	—	2	2	—	—	—	—
19	7	7	—	—	—	—	4	4	—	—	—	—
18	1	—	—	—	1	—	1	1	—	—	—	—
17	3	3	—	—	—	—	—	—	—	—	—	—
16	1	—	—	1	—	—	2	2	—	—	—	—
15	3	3	—	—	—	—	—	—	—	—	—	—
14	1	—	—	1	—	—	2	—	—	2	—	—
≤ 12	3	1	—	—	2	—	6	1	—	2	3	—
DOMESTIC												
Total	329	238	—	31	36	24	347	237	—	42	35	33
25	144	144	—	—	—	—	142	142	—	—	—	—
21	3	—	—	—	3	—	4	—	—	—	3	1
20	8	—	—	5	—	3	6	—	—	5	—	1
19	2	—	—	—	—	2	—	—	—	—	—	—
18	9	—	—	—	5	4	8	—	—	—	5	3
17	69	62	—	5	—	2	65	62	—	3	—	—
16	38	30	—	4	3	1	39	31	—	4	3	1
15	6	—	—	5	1	—	8	—	—	7	1	—
14	5	1	—	3	—	1	10	1	—	8	—	1
13	6	—	—	1	2	3	1	—	—	1	—	—
≤ 12	39	1	—	8	22	8	64	1	—	14	23	26
										Total trips:		757

Trips and Drafts of Vessels, 2008
(draft in feet)

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

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)

	Upbound						Downbound					
Grand Total	552	365	5	77	31	74	530	368	5	67	34	56

FOREIGN

Total	214	197	5	5	1	6	209	195	5	4	—	5
34	55	52	3	—	—	—	67	66	1	—	—	—
33	13	13	—	—	—	—	5	5	—	—	—	—
32	9	9	—	—	—	—	6	5	1	—	—	—
31	1	1	—	—	—	—	2	2	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	2	2	—	—	—	—	4	3	1	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	3	3	—	—	—	—
25	4	1	1	1	—	1	5	2	1	1	—	1
24	5	5	—	—	—	—	9	9	—	—	—	—
23	3	3	—	—	—	—	10	9	—	—	—	1
22	5	5	—	—	—	—	9	9	—	—	—	—
21	7	7	—	—	—	—	6	6	—	—	—	—
20	6	6	—	—	—	—	3	3	—	—	—	—
19	8	8	—	—	—	—	17	17	—	—	—	—
18	11	11	—	—	—	—	9	9	—	—	—	—
17	22	22	—	—	—	—	12	12	—	—	—	—
16	22	21	—	1	—	—	9	8	—	1	—	—
15	13	11	—	1	—	1	8	8	—	—	—	—
14	7	6	—	1	—	—	4	4	—	—	—	—
13	9	7	—	1	—	1	8	7	—	1	—	—
12	2	2	—	—	—	—	3	2	—	—	—	1
9	1	1	—	—	—	—	1	—	1	—	—	—
8	—	—	—	—	—	—	1	—	—	1	—	—
7	3	2	—	—	—	1	3	3	—	—	—	—
6	3	—	—	—	—	1	2	—	—	—	—	2
5	1	1	—	—	—	—	2	2	—	—	—	—

DOMESTIC

Total	338	168	—	72	30	68	321	173	—	63	34	51
21	8	—	—	—	7	1	9	—	—	—	9	—
20	11	—	—	11	—	—	8	—	—	8	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
18	10	—	—	—	9	1	14	3	—	—	11	—
17	39	33	—	6	—	—	40	38	—	2	—	—
16	45	15	—	23	4	3	43	16	—	22	3	2
15	31	27	—	4	—	—	31	25	—	4	—	2
14	22	17	—	3	—	1	21	18	—	2	1	—
13	27	23	—	—	—	4	19	19	—	—	—	—
12	27	14	—	3	—	8	32	21	—	2	9	—
11	11	6	—	2	—	3	12	9	—	2	—	1
10	12	6	—	—	—	6	5	4	—	—	—	1
9	28	16	—	5	—	7	21	14	—	5	—	2
8	29	10	—	15	—	4	25	5	—	16	—	4
7	7	1	—	—	—	6	2	1	—	—	—	1
6	3	—	—	—	—	3	4	—	—	—	—	4
5	2	—	—	—	1	1	3	—	—	—	1	2
4	8	—	—	—	—	8	10	—	—	—	—	10
3	12	—	—	—	—	12	15	—	—	—	—	15
2	4	—	—	—	—	4	7	—	—	—	—	7
										Total trips:		1,082

ILIULIUK HARBOR, UNALASKA

	Inbound						Outbound					
Grand Total	387	256	4	50	31	46	385	257	4	50	28	46

FOREIGN

Total	153	139	4	4	1	5	153	142	4	3	—	4
34	47	44	3	—	—	—	58	57	1	—	—	—
33	9	9	—	—	—	—	3	3	—	—	—	—
32	8	8	—	—	—	—	5	4	1	—	—	—
31	—	—	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2008
(draft in feet)

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

ILIULIUK HARBOR, UNALASKA - continued

	Inbound						Outbound					
FOREIGN												
27	—	—	—	—	—	—	1	1	—	—	—	—
25	3	—	1	1	—	1	3	—	1	1	—	1
24	2	2	—	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	7	7	—	—	—	—
22	3	3	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	4	4	—	—	—	—
20	5	5	—	—	—	—	2	2	—	—	—	—
19	3	3	—	—	—	—	14	14	—	—	—	—
18	8	8	—	—	—	—	7	7	—	—	—	—
17	17	17	—	—	—	—	9	9	—	—	—	—
16	14	13	—	1	—	—	9	8	—	1	—	—
15	12	11	—	—	—	1	6	6	—	—	—	—
14	6	5	—	1	—	—	4	4	—	—	—	—
13	7	5	—	1	—	1	5	4	—	1	—	—
12	1	1	—	—	—	—	2	1	—	—	—	1
9	1	1	—	—	—	—	1	—	1	—	—	—
7	1	1	—	—	—	—	1	1	—	—	—	—
6	3	—	—	—	—	1	2	—	—	—	—	2
5	1	1	—	—	—	—	2	2	—	—	—	—
Total	234	117	—	46	30	41	232	115	—	47	28	42
21	8	—	—	—	7	1	6	—	—	—	6	—
20	6	—	—	6	—	—	6	—	—	6	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
18	10	—	—	—	9	1	13	3	—	—	10	—
17	5	2	—	3	—	—	7	5	—	2	—	—
16	29	1	—	20	4	4	23	—	—	19	3	1
15	23	22	—	—	—	1	19	18	—	—	—	1
14	18	15	—	2	1	—	22	18	—	2	1	1
13	24	24	—	—	—	—	20	18	—	—	—	2
12	24	13	—	1	9	1	32	22	—	1	8	1
11	8	6	—	—	—	2	10	9	—	—	—	1
10	6	6	—	—	—	—	7	4	—	—	—	3
9	21	17	—	2	—	2	17	13	—	2	—	2
8	25	11	—	12	—	2	21	3	—	15	—	3
7	—	—	—	—	—	—	8	2	—	—	—	6
6	—	—	—	—	—	—	6	—	—	—	—	6
4	5	—	—	—	—	5	3	—	—	—	—	3
3	11	—	—	—	—	11	11	—	—	—	—	11
2	9	—	—	—	—	9	1	—	—	—	—	1
										Total trips:		772

ATKA ISLAND, AK
(23 feet and less)

	Inbound						Outbound					
Grand Total	11	9	—	1	—	1	11	9	—	1	—	1
										Total trips:		22

BETHEL HARBOR, AK
(18 feet and less)

	Inbound						Outbound					
Grand Total	120	—	—	53	47	20	111	1	—	46	48	16
										Total trips:		231

CORDOVA HARBOR, AK
(18 feet and less)

	Inbound						Outbound					
Grand Total	314	286	—	23	—	5	308	284	—	20	—	4
										Total trips:		622

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CRAIG HARBOR, AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	19	—	—	10	—	9	19	—	—	10	—	9
										Total trips:		38
DILLINGHAM HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	50	1	—	21	10	18	51	—	—	22	10	19
										Total trips:		101
DOUGLAS HARBOR, AK (16 feet and less)												
				Inbound						Outbound		
Grand Total	5	—	—	2	1	2	5	—	—	2	1	2
										Total trips:		10
DRY PASS, AK No Vessel Trips Reported												
EGEGIK RIVER, AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	19	—	—	10	1	8	21	—	—	10	2	9
										Total trips:		40
ELFIN COVE HARBOR, AK No Vessel Trips Reported												
GASTINEAU CHANNEL, AK No Vessel Trips Reported												
HOMER, AK (37 feet and less)												
				Inbound						Outbound		
Grand Total	288	261	6	12	—	9	275	254	5	9	—	7
										Total trips:		563
HOONAH HARBOR, AK (28 feet and less)												
				Inbound						Outbound		
Grand Total	386	325	—	26	28	7	383	325	—	23	28	7
										Total trips:		769
HUMBOLDT HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	107	100	—	3	2	2	107	99	—	4	2	2
										Total trips:		214

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KAKE HARBOR, AK (25 feet and less)												
				Inbound						Outbound		
Grand Total	285	184	—	39	56	6	284	183	—	39	56	6
										Total trips:		569
KING COVE LAGOON, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	125	94	—	18	—	13	123	97	—	16	—	10
										Total trips:		248
KODIAK HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	320	274	—	33	3	10	322	278	—	32	2	10
										Total trips:		642
KUSKOKWIM RIVER, AK (18 feet and less)												
				Upbound						Downbound		
Grand Total	166	—	—	75	68	23	161	1	—	72	70	18
										Total trips:		327
METLAKATLA HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	577	520	—	5	47	5	578	522	—	5	46	5
										Total trips:		1,155
NAKNEK RIVER, AK (23 feet and less)												
				Upbound						Downbound		
Grand Total	77	7	—	30	12	28	85	8	—	34	13	30
										Total trips:		162
NINILCHIK HARBOR, AK No Vessel Trips Reported												
NOME, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	64	5	—	28	19	12	66	5	—	29	17	15
										Total trips:		130
OLD HARBOR, AK (8 feet and less)												
				Inbound						Outbound		
Grand Total	2	—	—	1	—	1	2	—	—	1	—	1
										Total trips:		4

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PELICAN HARBOR, AK (15 feet and less)												
				Inbound						Outbound		
Grand Total	28	18	—	4	3	3	28	18	—	4	3	3
										Total trips:		56
PETERSBURG HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	1,015	432	—	230	347	6	1,020	434	—	234	346	6
										Total trips:		2,035
PORT ALEXANDER, AK No Vessel Trips Reported												
SELDOVIA HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	107	105	—	1	—	1	111	109	—	1	—	1
										Total trips:		218
SERGIUS AND WHITESTONE NARROWS, AK (18 feet and less)												
				Upbound						Downbound		
Grand Total	672	462	—	77	122	11	682	462	—	82	126	12
										Total trips:		1,354
SITKA HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	723	485	—	100	126	12	728	491	—	98	127	12
										Total trips:		1,451
SKAGWAY HARBOR, AK (35 feet and less)												
				Inbound						Outbound		
Grand Total	846	708	—	73	52	13	848	710	—	73	52	13
										Total trips:		1,694
STIKINE RIVER, AK No Vessel Trips Reported												
VALDEZ HARBOR (SMALL BOAT HARBOR), AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—
										Total trips:		2
WRANGELL HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	458	394	—	7	50	7	457	394	—	7	50	6
										Total trips:		915
CHATHAM STRAIT, AK (35 feet and less)												
				Upbound						Downbound		
Grand Total	1,755	1,177	—	237	316	25	1,855	1,215	—	276	336	28
										Total trips:		3,610

Trips and Drafts of Vessels, 2008
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CLARENCE STRAIT, AK (24 feet and less)												
				Upbound						Downbound		
Grand Total	714	226	—	150	303	35	706	230	—	131	331	14
										Total trips:		1,420
FREDERICK SOUND, AK (35 feet and less)												
				Upbound						Downbound		
Grand Total	1,489	870	—	271	321	27	1,555	841	—	312	364	38
										Total trips:		3,044
ICY STRAIT, AK (35 feet and less)												
				Upbound						Downbound		
Grand Total	1,038	789	—	79	141	29	1,035	787	—	83	134	31
										Total trips:		2,073
KIVALINA, AK (24 feet and less)												
				Inbound						Outbound		
Grand Total	1,018	—	—	507	502	9	1,000	—	—	507	486	7
										Total trips:		2,018
NIKISHKA, AK (40 feet and less)												
				Inbound						Outbound		
Grand Total	136	—	90	22	3	21	147	—	88	26	2	31
										Total trips:		283
REVILLAGIGADO CHANNEL, AK (30 feet and less)												
				Upbound						Downbound		
Grand Total	1,013	591	—	171	210	41	976	587	—	150	218	21
										Total trips:		1,989
STEPHENS PASSAGE, AK (35 feet and less)												
				Upbound						Downbound		
Grand Total	2,147	1,604	—	262	251	30	2,149	1,601	—	264	255	29
										Total trips:		4,296
SUMNER STRAIT, AK (24 feet and less)												
				Upbound						Downbound		
Grand Total	648	228	—	144	248	28	635	226	—	141	244	24
										Total trips: 1,283		
TONGASS NARROWS, AK (30 feet and less)												
				Upbound						Downbound		
Grand Total	2,144	1,312	—	303	458	71	2,074	1,306	—	265	467	36
										Total trips:		4,218
WHITTIER HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	570	395	—	81	94	—	572	393	—	83	96	—
										Total trips:		1,142

FREIGHT TRAFFIC INDEX

A	
ALASKA DISTRICT	95
ALSEA BAY AND RIVER, OR	78
ANACORTES HARBOR, WA	92
ANCHORAGE, AK	102
ASTORIA, OR, PORT OF	78
ATKA ISLAND, AK	108
B	
BARBERS POINT HARBOR, OAHU, HI	41
BELLINGHAM BAY AND HARBOR, WA	94
BERKELEY, CA	37
BETHEL HARBOR, AK	108
BLAINE HARBOR, WA	94
BODEGA BAY, CA	37
C	
CARQUINEZ STRAIT, CA	32
CHATHAM STRAIT, AK	117
CHETCO RIVER, OR	78
CHINOOK CHANNEL, WA	78
CLARENCE STRAIT, AK	118
CLATSKANIE RIVER, OR	78
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA, AND PORTLAND, OR	57
COLUMBIA RIVER ABOVE THE DALLAS DAM, WA, AND OR TO MCNARY LOCK AND DAM, OR AND WA	70
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK DAM TO KENNEWICK, WA	48
COLUMBIA RIVER AT BAKERS BAY, WA	78
COLUMBIA RIVER BASIN, OR, WA, ID, TOTAL WATERBORNE COMMERCE	50
COLUMBIA RIVER BETWEEN VANCOUVER, WA, AND THE DALLAS, OR	69
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	94
COLUMBIA RIVER ENTRANCE, OR, AND WA	50
COLUMBIA RIVER MOUTH TO THE INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT).	53
COLUMBIA RIVER SYSTEM	74
COLUMBIA SLOUGH, OR	78
COOS AND MILLICOMA RIVERS, OR	78
COOS BAY, OR	74
COQUILLE RIVER, OR	78
CORDOVA HARBOR, AK	108
COWLITZ RIVER, WA	78
CRAIG HARBOR, AK	109
CRESCENT CITY HARBOR, CA	37
D	
DEEP RIVER, WA	78
DEPOE BAY, OR	78
DILLINGHAM HARBOR, AK	109
DOUGLAS HARBOR, AK	109
DRY PASS, AK	109
E	
EGEGIK RIVER, AK	109
ELFIN COVE HARBOR, AK	109
ELLWOOD, CA	13
ELOKOMIN SLOUGH, WA	78
EVERETT HARBOR AND SNOHOMISH RIVER, WA	90
F	
FLATHEAD LAKE, MT	94
FREDERICK SOUND, AK	119
G	
GASTINEAU CHANNEL, AK	110
GRAYS HARBOR AND CHEHALIS RIVER, WA	79
GRAYS RIVER, WA	78
H	
HAMMERSLEY INLET, WA	80
HANA HARBOR, MAUI, HI	47
HILO HARBOR, HAWAII IS., HI	38
HOMER, AK	110
HONOLULU HARBOR, OAHU, HI	43
HONOLULU, HI DISTRICT	38

FREIGHT TRAFFIC INDEX

	H	
HOONAH HARBOR, AK		110
HOQUIAM RIVER, WA		94
HUMBOLDT HARBOR AND BAY, CA		36
HUMBOLDT HARBOR, AK		110
	I	
ICY STRAIT, AK		120
ILIULIUK HARBOR, UNALASKA		106
	J	
JUNEAU HARBOR, AK		100
	K	
KAHULUI HARBOR, MAUI, HI		40
KAILUA HARBOR, OAHU, HI		47
KAKE HARBOR, AK		110
KALAMA, WA, PORT OF		63
KALAUPAPA HARBOR, MOLOKAI, HI		47
KAUNAKAKAI HARBOR, MOLOKAI, HI		47
KAWAIHAE HARBOR, HAWAII IS., HI		39
KETCHIKAN HARBOR, AK		95
KING COVE LAGOON, AK		111
KIVALINA, AK		121
KODIAK HARBOR, AK		111
KOOTENAI RIVER, ID AND MT		94
KUSKOKWIM RIVER, AK		111
	L	
LAKE RIVER, WA		78
LAKE WASHINGTON SHIP CANAL, WA		89
LEWIS RIVER, WA		78
LONG BEACH HARBOR, CA		4
LONGVIEW, WA, PORT OF		61
LOS ANGELES HARBOR, CA		8
LOS ANGELES, CA DISTRICT		3
	M	
METLAKATLA HARBOR, AK		112
MIDDLE RIVER, CA		19
MISSION BAY, CA		13
MOKELUMNE RIVER, CA		19
MONTEREY HARBOR, CA		37
MORRO BAY HARBOR, CA		13
MOSS LANDING HARBOR, CA		37
MULTNOMAH CHANNEL, OR		64
	N	
NAKNEK RIVER, AK		112
NAPA RIVER, CA		37
NAWILIWILI HARBOR, KAUAI, HI		46
NEAH BAY, WA		94
NEWPORT BAY HARBOR, CA		13
NIKISHKA, AK		121
NINILCHIK HARBOR, AK		113
NOME, AK		113
NOYO RIVER, CA		37
	O	
OAKLAND HARBOR, CA		25
OCEANSIDE HARBOR, CA		13
OLD HARBOR, AK		113
OLD RIVER, CA		19
OLYMPIA HARBOR, WA		80
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR		64
	P	
PELICAN HARBOR, AK		113
PETALUMA RIVER, CA		36
PETERSBURG HARBOR, AK		113
PILLAR POINT HARBOR, CA		37
PORT ALEXANDER, AK		114

FREIGHT TRAFFIC INDEX

P	
PORT ALLEN HARBOR, KAUAI, HI	47
PORT ANGELES HARBOR, WA	79
PORT GAMBLE HARBOR, WA	94
PORT HUENEME, CA	10
PORT OF ASTORIA, OR	78
PORT OF KALAMA, WA	63
PORT OF LONGVIEW, WA	61
PORT OF PORTLAND, OR	71
PORT OF ST. HELENS, OR	78
PORT OF VANCOUVER, WA	66
PORT ORFORD, OR	78
PORT TOWNSEND HARBOR, WA	94
PORTLAND, OR DISTRICT	50
PORTLAND, OR, PORT OF	71
PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA	61
PUGET SOUND AREA PORTS, WA, OTHER	94
Q	
QUILLAYUTE RIVER, WA	94
R	
REDONDO BEACH, CA	13
REDWOOD CITY HARBOR, CA	24
REVILLAGIGADO CHANNEL, AK	121
RICHMOND HARBOR, CA	28
ROGUE RIVER, OR	78
S	
SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA	15
SACRAMENTO RIVER, CA	14
SACRAMENTO, CA	15
SACRAMENTO, CA DISTRICT	14
SAN DIEGO HARBOR, CA	3
SAN FRANCISCO BAY AND DELTA AREAS, CA, TOTAL WATERBORNE COMMERCE OF THE	20
SAN FRANCISCO BAY AREA PORTS, CA, OTHER	37
SAN FRANCISCO BAY ENTRANCE, CA	20
SAN FRANCISCO HARBOR, CA	23
SAN FRANCISCO, CA DISTRICT	20
SAN JOAQUIN RIVER, CA	16
SAN LEANDRO MARINA, CA	37
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	30
SAN RAFAEL CREEK, CA	37
SANTA BARBARA HARBOR, CA	13
SANTA CRUZ HARBOR, CA	37
SEATTLE HARBOR, WA	85
SEATTLE, WA DISTRICT	79
SELDOVIA HARBOR, AK	114
SERGIUS AND WHITESTONE NARROWS, AK	114
SEWARD HARBOR, AK	102
SITKA HARBOR, AK	115
SIUSLAW RIVER, OR	78
SKAGIT RIVER, WA	94
SKAGWAY HARBOR, AK	116
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	78
SKAMOKAWA CREEK, WA	78
SKIPANON CHANNEL, OR	78
SMITH RIVER, OR	78
SNAKE RIVER, OR, WA AND ID	49
ST. HELENS, OR, PORT OF	78
STEPHENS PASSAGE, AK	122
STIKINE RIVER, AK	116
STILLAGUAMISH RIVER, WA	94
STOCKTON, CA	17
SUISUN BAY CHANNEL, CA	34
SUISUN CHANNEL, CA	37
SUMNER STRAIT, AK	123
SWINOMISH CHANNEL, WA	92

FREIGHT TRAFFIC INDEX

T	
TACOMA HARBOR, WA	81
TILLAMOOK BAY AND BAR, OR	78
TONGASS NARROWS, AK	124
TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA.	20
TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID	50
U	
UMPQUA RIVER, OR	78
UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)	104
V	
VALDEZ HARBOR (SMALL BOAT HARBOR), AK	116
VALDEZ HARBOR, AK	101
VANCOUVER, WA, PORT OF	66
W	
WAKE ISLAND HARBOR, WAKE ISLAND.	47
WALLA WALLA, WA DISTRICT	48
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	94
WELLS HARBOR, MIDWAY ISLAND	47
WESTPORT SLOUGH, OR	78
WHITTIER HARBOR, AK	125
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR	74
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	94
WRANGELL HARBOR, AK	116
WRANGELL NARROWS, AK	96
Y	
YAQUINA BAY AND HARBOR, OR	78
YAQUINA RIVER, OR	78
YOUNGS BAY AND YOUNGS RIVER, OR	78

TRIPS AND DRAFTS INDEX

A	
ALASKA DISTRICT	170
ALSEA BAY AND RIVER, OR	159
ANACORTES HARBOR, WA	167
ANCHORAGE, AK	173
ASTORIA, OR, PORT OF	160
ATKA ISLAND, AK	175
B	
BARBERS POINT HARBOR, OAHU, HI	145
BELLINGHAM BAY AND HARBOR, WA	168
BERKELEY, CA	142
BETHEL HARBOR, AK	175
BLAINE HARBOR, WA	168
BODEGA BAY, CA	142
C	
CARQUINEZ STRAIT, CA	140
CHATHAM STRAIT, AK	178
CHETCO RIVER, OR	159
CHINOOK CHANNEL, WA	159
CLARENCE STRAIT, AK	179
CLATSKANIE RIVER, OR	160
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA, AND PORTLAND, OR	152
COLUMBIA RIVER ABOVE THE DALLAS DAM, WA, AND OR TO MCNARY LOCK AND DAM, OR AND WA	156
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK DAM TO KENNEWICK, WA	149
COLUMBIA RIVER AT BAKERS BAY, WA	160
COLUMBIA RIVER BETWEEN VANCOUVER, WA, AND THE DALLAS, OR	156
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	168
COLUMBIA RIVER ENTRANCE, OR, AND WA	150
COLUMBIA RIVER MOUTH TO THE INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)	150
COLUMBIA RIVER SYSTEM	158
COLUMBIA SLOUGH, OR	160
COOS AND MILLICOMA RIVERS, OR	160
COOS BAY, OR	157
COQUILLE RIVER, OR	160
CORDOVA HARBOR, AK	175
COWLITZ RIVER, WA	160
CRAIG HARBOR, AK	176
CRESCENT CITY HARBOR, CA	142
D	
DEEP RIVER, WA	160
DEPOE BAY, OR	160
DILLINGHAM HARBOR, AK	176
DOUGLAS HARBOR, AK	176
DRY PASS, AK	176
E	
EGEGIK RIVER, AK	176
ELFIN COVE HARBOR, AK	176
ELLWOOD, CA	132
ELOKOMIN SLOUGH, WA	160
EVERETT HARBOR AND SNOHOMISH RIVER, WA	166
F	
FLATHEAD LAKE, MT	168
FREDERICK SOUND, AK	179
G	
GASTINEAU CHANNEL, AK	176
GRAYS HARBOR AND CHEHALIS RIVER, WA	162
GRAYS RIVER, WA	160
H	
HAMMERSLEY INLET, WA	163
HANA HARBOR, MAUI, HI	147
HILO HARBOR, HAWAII IS., HI	144
HOMER, AK	176
HONOLULU HARBOR, OAHU, HI	146
HONOLULU, HI DISTRICT	144
HOONAH HARBOR, AK	176

TRIPS AND DRAFTS INDEX

	H	
HOQUIAM RIVER, WA		168
HUMBOLDT HARBOR AND BAY, CA		142
HUMBOLDT HARBOR, AK		176
	I	
ICY STRAIT, AK		179
ILIULIUK HARBOR, UNALASKA		174
	J	
JUNEAU HARBOR, AK		171
	K	
KAHULUI HARBOR, MAUI, HI		144
KAILUA HARBOR, OAHU, HI		147
KAKE HARBOR, AK		177
KALAMA, WA, PORT OF		153
KALAUPAPA HARBOR, MOLOKAI, HI		147
KAUNAKAKAI HARBOR, MOLOKAI, HI		148
KAWAIHAE HARBOR, HAWAII IS., HI		144
KETCHIKAN HARBOR, AK		170
KING COVE LAGOON, AK		177
KIVALINA, AK		179
KODIAK HARBOR, AK		177
KOOTENAI RIVER, ID AND MT		168
KUSKOKWIM RIVER, AK		177
	L	
LAKE RIVER, WA		160
LAKE WASHINGTON SHIP CANAL, WA		165
LEWIS RIVER, WA		160
LONG BEACH HARBOR, CA		129
LONGVIEW, WA, PORT OF		153
LOS ANGELES HARBOR, CA		130
LOS ANGELES, CA DISTRICT		129
	M	
METLAKATLA HARBOR, AK		177
MIDDLE RIVER, CA		135
MISSION BAY, CA		132
MOKELUMNE RIVER, CA		135
MONTEREY HARBOR, CA		143
MORRO BAY HARBOR, CA		132
MOSS LANDING HARBOR, CA		143
MULTNOMAH CHANNEL, OR		154
	N	
NAKNEK RIVER, AK		177
NAPA RIVER, CA		143
NAWILIWILI HARBOR, KAUAI, HI		147
NEAH BAY, WA		168
NEWPORT BAY HARBOR, CA		132
NIKISHKA, AK		179
NINILCHIK HARBOR, AK		177
NOME, AK		177
NOYO RIVER, CA		143
	O	
OAKLAND HARBOR, CA		137
OCEANSIDE HARBOR, CA		132
OLD HARBOR, AK		177
OLD RIVER, CA		135
OLYMPIA HARBOR, WA		163
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR		154
	P	
PELICAN HARBOR, AK		178
PETALUMA RIVER, CA		142
PETERSBURG HARBOR, AK		178
PILLAR POINT HARBOR, CA		143
PORT ALEXANDER, AK		178
PORT ALLEN HARBOR, KAUAI, HI		148

TRIPS AND DRAFTS INDEX

P

PORT ANGELES HARBOR, WA	162
PORT GAMBLE HARBOR, WA	168
PORT HUENEME, CA	131
PORT OF ASTORIA, OR	160
PORT OF KALAMA, WA	153
PORT OF LONGVIEW, WA	153
PORT OF PORTLAND, OR	156
PORT OF ST. HELENS, OR	161
PORT OF VANCOUVER, WA	155
PORT ORFORD, OR	161
PORT TOWNSEND HARBOR, WA	168
PORTLAND, OR DISTRICT	150
PORTLAND, OR, PORT OF	156
PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA	152
PUGET SOUND AREA PORTS, WA, OTHER	169

Q

QUILLAYUTE RIVER, WA	169
--------------------------------	-----

R

REDONDO BEACH, CA	132
REDWOOD CITY HARBOR, CA	137
REVILLAGIGADO CHANNEL, AK	179
RICHMOND HARBOR, CA	138
ROGUE RIVER, OR	161

S

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA.	133
SACRAMENTO RIVER, CA.	133
SACRAMENTO, CA	134
SACRAMENTO, CA DISTRICT	133
SAN DIEGO HARBOR, CA	129
SAN FRANCISCO BAY AREA PORTS, CA, OTHER.	143
SAN FRANCISCO BAY ENTRANCE, CA.	136
SAN FRANCISCO HARBOR, CA	137
SAN FRANCISCO, CA DISTRICT	136
SAN JOAQUIN RIVER, CA	134
SAN LEANDRO MARINA, CA	143
SAN PABLO BAY AND MARE ISLAND STRAIT, CA.	139
SAN RAFAEL CREEK, CA	143
SANTA BARBARA HARBOR, CA.	132
SANTA CRUZ HARBOR, CA	143
SEATTLE HARBOR, WA	165
SEATTLE, WA DISTRICT	162
SELDOVIA HARBOR, AK.	178
SERGIUS AND WHITESTONE NARROWS, AK	178
SEWARD HARBOR, AK	172
SITKA HARBOR, AK	178
SIUSLAW RIVER, OR	161
SKAGIT RIVER, WA	169
SKAGWAY HARBOR, AK.	178
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	161
SKAMOKAWA CREEK, WA	161
SKIPANON CHANNEL, OR.	161
SMITH RIVER, OR	161
SNAKE RIVER, OR, WA AND ID	149
ST. HELENS, OR, PORT OF	161
STEPHENS PASSAGE, AK.	179
STIKINE RIVER, AK	178
STILLAGUAMISH RIVER, WA	169
STOCKTON, CA	135
SUISUN BAY CHANNEL, CA.	141
SUISUN CHANNEL, CA	143
SUMNER STRAIT, AK	179
SWINOMISH CHANNEL, WA.	166

TRIPS AND DRAFTS INDEX

T	
TACOMA HARBOR, WA	164
TILLAMOOK BAY AND BAR, OR.	161
TONGASS NARROWS, AK.	179
U	
UMPQUA RIVER, OR.	161
UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)	174
V	
VALDEZ HARBOR (SMALL BOAT HARBOR), AK	178
VALDEZ HARBOR, AK	171
VANCOUVER, WA, PORT OF	155
W	
WAKE ISLAND HARBOR, WAKE ISLAND	148
WALLA WALLA, WA DISTRICT	149
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	169
WELLS HARBOR, MIDWAY ISLAND.	148
WESTPORT SLOUGH, OR.	161
WHITTIER HARBOR, AK.	179
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR.	157
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	169
WRANGELL HARBOR, AK	178
WRANGELL NARROWS, AK.	170
Y	
YAQUINA BAY AND HARBOR, OR	161
YAQUINA RIVER, OR	161
YOUNGS BAY AND YOUNGS RIVER, OR.	161