
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2012

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



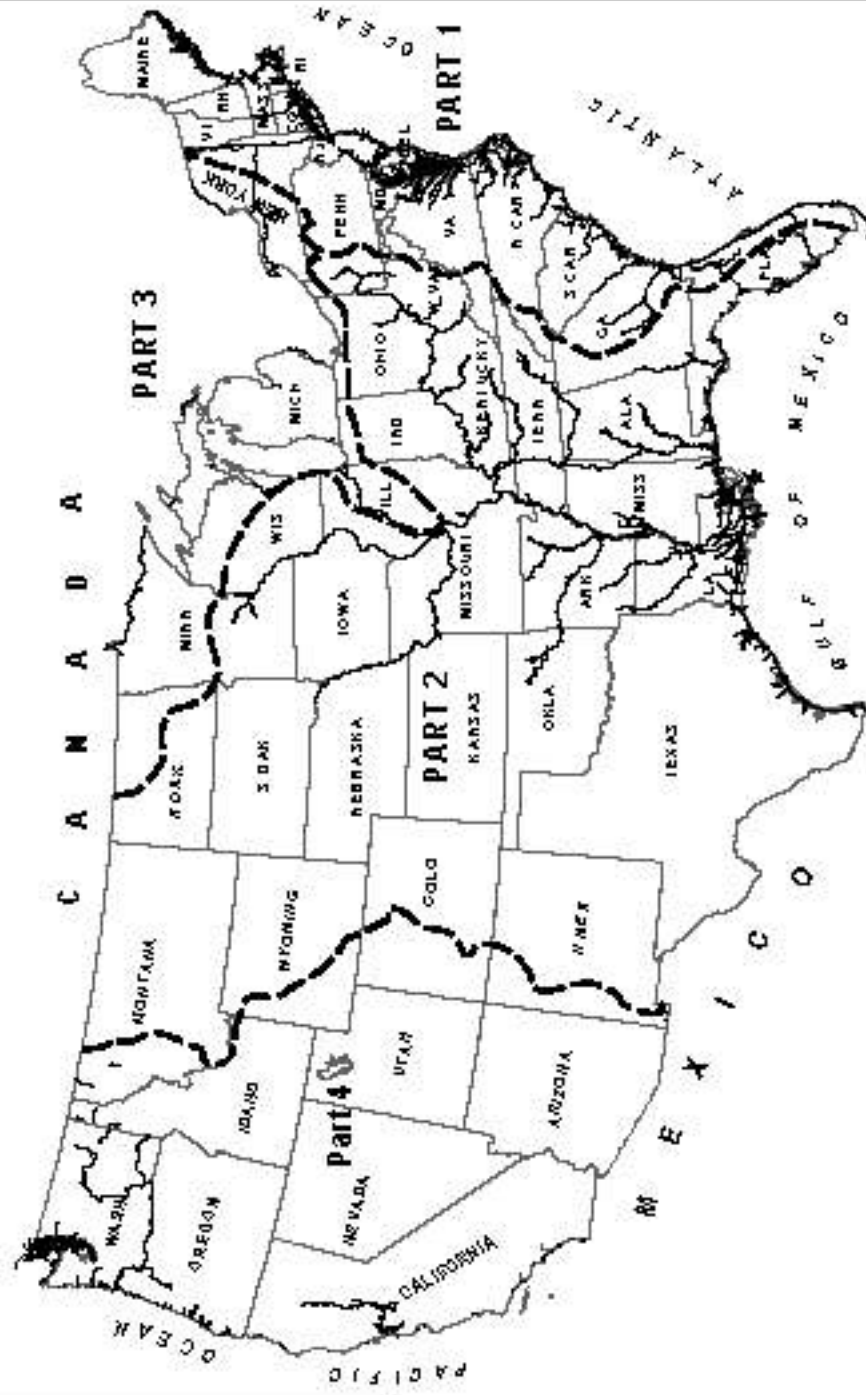
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Alexandria, Virginia

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Geographical Areas Covered by
Waterborne Commerce of the
of the

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

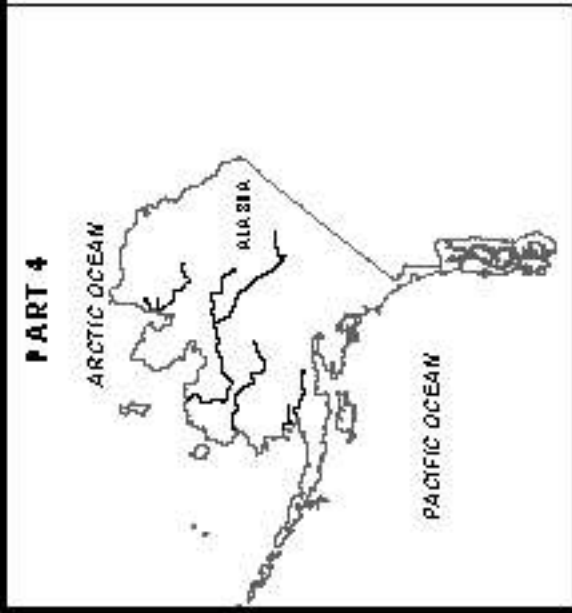
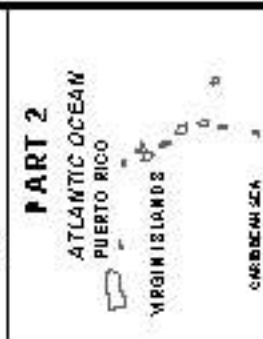
Many books have been published by
each part of the five parts of the



WATERBORNE COMMERCE OF THE UNITED STATES

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

PART 5



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Introduction

General

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

Beginning with the calendar year 2007 publications, **WCUS, Parts 1-4** are provided in HTML format on the Navigation Data Center (NDC) website: <http://www.navigationdatacenter.us/wcsc/wcsc.htm> **WCUS, Part 5** is available in hardcopy and in PDF format on the (NDC) website.

Data on foreign commerce are supplied to the U.S. Army Corps of Engineers by the Port Import Export Reporting Service (JOC Group Inc.), the U.S. Customs and Border Protection, and the U.S. Bureau of the Census.

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 JOC Group Inc., Port Import Export Reporting Service, and supplemented by data furnished to the U.S. Army 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
2003	2,804	2006	3,259	2009	1,137	2012	1,368
2004	3,107	2007	2,416	2010	1,325		
2005	3,218	2008	1,891	2011	1,444		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal
					Receipts	Shipments	
Total, all commodities	1,368	1,156	29	184	146	4	35
Total petroleum and petroleum products	160	---	0	160	124	0	35
Subtotal petroleum products	160	---	0	160	124	0	35
2211 gasoline	27	---	---	27	27	---	---
2330 distillate fuel oil	0	---	0	---	---	---	---
2340 residual fuel oil	132	---	---	132	97	0	35
Total chemicals and related products	197	181	17	---	---	---	---
Subtotal fertilizers	160	160	0	---	---	---	---
3110 nitrogenous fert.	100	100	---	---	---	---	---
3130 potassic fert.	2	2	---	---	---	---	---
3190 fert. & mixes nec	58	58	0	---	---	---	---
Subtotal other chemicals and related products	38	21	17	---	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---
3250 organo - inorg. comp.	0	0	---	---	---	---	---
3260 organic comp. nec	0	---	0	---	---	---	---
3276 metallic salts	37	21	16	---	---	---	---
3282 pigments & paints	0	0	0	---	---	---	---
3284 medicines	0	---	0	---	---	---	---
3285 perfumes & cleansers	0	---	0	---	---	---	---
3286 plastics	0	0	0	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---
3299 chem. products nec	0	---	0	---	---	---	---
Total crude materials, inedible except fuels	47	29	0	19	19	---	---
Subtotal forest products, wood and chips	19	---	---	19	19	---	---
4189 lumber	19	---	---	19	19	---	---
Subtotal soil, sand, gravel, rock and stone	0	---	0	---	---	---	---
4310 building stone	0	---	0	---	---	---	---
Subtotal non-ferrous ores and scrap	29	29	---	---	---	---	---
4650 aluminum ore	29	29	---	---	---	---	---
Total primary manufactured goods	21	21	0	---	---	---	---
Subtotal paper products	4	4	0	---	---	---	---
5120 paper & paperboard	3	3	0	---	---	---	---
5190 paper products nec	1	1	0	---	---	---	---
Subtotal lime, cement and glass	0	---	0	---	---	---	---
5240 glass & glass prod.	0	---	0	---	---	---	---
5290 misc. mineral prod.	0	---	0	---	---	---	---
Subtotal primary iron and steel products	11	11	0	---	---	---	---
5320 i&s primary forms	11	11	---	---	---	---	---
5370 i&s pipe & tube	0	---	0	---	---	---	---
Subtotal primary non-ferrous metal products	6	6	0	---	---	---	---
5422 aluminum	0	---	0	---	---	---	---
5480 fab. metal products	6	6	0	---	---	---	---
Total food and farm products	504	498	6	---	---	---	---
Subtotal fish	7	7	0	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---	---
6136 shellfish	7	7	0	---	---	---	---
Subtotal grain	0	---	0	---	---	---	---
6442 rice	0	---	0	---	---	---	---
Subtotal vegetable products	4	4	0	---	---	---	---
6653 vegetable oils	0	---	0	---	---	---	---
6654 vegetables & prod.	4	4	0	---	---	---	---
Subtotal processed grain and animal feed	0	0	0	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---
6782 animal feed, prep.	0	0	0	---	---	---	---
Subtotal other agricultural products	492	486	6	---	---	---	---
6822 dairy products	0	---	0	---	---	---	---
6835 fish, prepared	1	1	0	---	---	---	---
6839 animals & prod. nec	0	0	0	---	---	---	---
6856 bananas & plantains	434	434	0	---	---	---	---
6857 fruit & nuts nec	52	51	1	---	---	---	---
6858 fruit juices	0	0	---	---	---	---	---
6871 coffee	0	0	---	---	---	---	---
6885 alcoholic beverages	3	---	3	---	---	---	---
6889 food products nec	0	0	0	---	---	---	---
6893 cotton	1	---	1	---	---	---	---
6899 farm products nec	0	---	0	---	---	---	---
Total all manufactured equipment, machinery and products	414	403	5	6	2	3	---
7110 machinery (not elec)	12	6	1	5	2	3	---
7120 electrical machinery	6	5	1	---	---	---	---
7210 vehicles & parts	378	377	1	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---
7300 ordnance & access.	0	0	---	---	---	---	---
7400 manufac. wood prod.	0	---	0	---	---	---	---
7500 textile products	0	---	0	---	---	---	---

SAN DIEGO HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	Internal
				Receipts	Shipments	Intraport
7600 rubber & plastic pr.	2	0	2	—	—	—
7900 manufac. prod. nec	15	14	0	0	0	—
Total unknown or not elsewhere classified	25	24	0	—	—	—
9900 unknown or nec	25	24	0	—	—	—

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
2003	69,195	2006	84,394	2009	72,500	2012	77,385
2004	80,252	2007	85,940	2010	75,435		
2005	79,858	2008	80,205	2011	80,276		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	65,800	39,550	24,500	1,665	84
Total coal	1,527	0	1,526	—	—
1100 coal & lignite	1,526	0	1,526	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	26,235	17,749	6,917	1,501	68
Subtotal crude petroleum	17,886	16,397	—	1,489	—
2100 crude petroleum	17,886	16,397	—	1,489	—
Subtotal petroleum products	8,349	1,351	6,917	13	68
2211 gasoline	163	81	43	—	40
2221 kerosene	18	—	18	—	—
2330 distillate fuel oil	2,348	1,173	1,164	11	—
2340 residual fuel oil	83	79	4	—	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	14	11	2	0	—
2429 naphtha & solvents	68	4	63	2	—
2430 asphalt, tar & pitch	2	1	0	—	—
2540 petroleum coke	5,651	1	5,623	—	28
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	1	1	—	—
Total chemicals and related products	4,375	1,541	2,709	125	0
Subtotal fertilizers	39	14	22	3	—
3110 nitrogenous fert.	2	2	0	—	—
3120 phosphatic fert.	2	0	1	—	—
3130 potassic fert.	4	1	3	—	—
3190 fert. & mixes nec	32	12	17	3	—
Subtotal other chemicals and related products	4,336	1,527	2,688	121	0
3211 acyclic hydrocarbons	75	4	4	68	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	22	12	10	0	0
3220 alcohols	263	162	55	45	0
3230 carboxylic acids	74	50	23	0	—
3240 nitrogen func. comp.	128	60	68	—	—
3250 organo - inorg. comp.	67	28	39	0	—
3260 organic comp. nec	60	22	36	2	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	1	0	0	—	—
3274 sodium hydroxide	81	76	4	—	—
3275 inorg. elem., oxides, & halogen salts	258	59	199	1	0
3276 metallic salts	637	50	585	2	0
3279 inorganic chem. nec	26	20	5	0	—
3281 radioactive material	3	1	2	—	—
3282 pigments & paints	90	43	47	0	0
3283 coloring mat. nec	19	10	10	0	—
3284 medicines	111	44	67	0	—
3285 perfumes & cleansers	215	103	112	0	—
3286 plastics	1,536	428	1,106	2	0
3291 pesticides	43	34	9	—	—
3292 starches, gluten, glue	145	56	90	0	—
3293 explosives	39	37	2	—	—
3297 chemical additives	67	5	62	0	—
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	370	219	151	0	0
Total crude materials, inedible except fuels	5,681	877	4,786	14	4
Subtotal forest products, wood and chips	372	253	107	7	4
4110 rubber & gums	11	10	1	0	—
4150 fuel wood	3	2	0	0	—
4161 wood chips	1	0	0	—	—
4170 wood in the rough	44	13	31	—	—
4189 lumber	280	199	70	7	4
4190 forest products nec	33	28	5	0	—
Subtotal pulp and waste paper	2,899	14	2,883	2	—
4225 pulp & waste paper	2,899	14	2,883	2	—
Subtotal soil, sand, gravel, rock and stone	380	366	10	3	—
4310 building stone	159	155	1	3	—
4322 limestone	3	3	0	0	—
4323 gypsum	201	196	5	—	—
4327 phosphate rock	0	0	0	—	—
4331 sand & gravel	16	13	4	—	—
Subtotal iron ore and scrap	903	16	886	1	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	903	16	886	1	—

LONG BEACH HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal marine shells	1	1	0	0	—
4515 marine shells	1	1	0	0	—
Subtotal non-ferrous ores and scrap	274	13	261	0	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	15	8	6	—	—
4680 non-ferrous scrap	251	2	249	0	—
4690 non-ferrous ores nec	7	3	5	—	—
Subtotal sulphur, clay and salt	603	10	594	—	—
4741 sulphur, (dry)	585	1	584	—	—
4782 clay & refrac. mat.	19	9	10	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	249	203	45	0	—
4900 non-metal. min. nec	249	203	45	0	—
Total primary manufactured goods	5,325	3,957	1,358	6	4
Subtotal paper products	523	406	117	0	—
5110 newsprint	4	2	2	—	—
5120 paper & paperboard	254	168	85	0	—
5190 paper products nec	265	236	29	0	—
Subtotal lime, cement and glass	1,014	950	56	4	4
5210 lime	0	0	0	—	—
5220 cement & concrete	29	27	2	—	—
5240 glass & glass prod.	264	236	24	0	4
5290 misc. mineral prod.	721	687	30	4	0
Subtotal primary iron and steel products	854	792	63	0	0
5312 pig iron	16	15	1	—	—
5315 ferro alloys	13	13	1	—	—
5320 i&s primary forms	287	271	16	0	—
5330 i&s plates & sheets	139	135	5	—	—
5360 i&s bars & shapes	80	71	9	0	—
5370 i&s pipe & tube	233	206	27	0	0
5390 primary i&s nec	85	81	4	—	—
Subtotal primary non-ferrous metal products	2,795	1,676	1,118	1	—
5421 copper	72	17	55	—	—
5422 aluminum	116	92	23	1	—
5429 smelted prod. nec	926	25	900	1	—
5480 fab. metal products	1,682	1,542	139	0	—
Subtotal primary wood products	139	133	5	0	—
5540 primary wood prod.	139	133	5	0	—
Total food and farm products	6,797	1,538	5,238	14	6
Subtotal fish	191	144	47	0	—
6134 fish (not shellfish)	94	78	16	0	—
6136 shellfish	97	66	31	0	—
Subtotal grain	303	31	272	0	—
6241 wheat	22	1	21	—	—
6344 corn	249	1	248	—	—
6442 rice	31	29	2	0	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	1	0	1	—	—
Subtotal oilseeds	845	17	827	0	—
6521 peanuts	2	1	1	—	—
6522 soybeans	706	13	692	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	138	3	134	0	—
Subtotal vegetable products	439	227	207	3	1
6653 vegetable oils	58	51	6	1	—
6654 vegetables & prod.	380	176	201	2	1
Subtotal processed grain and animal feed	2,005	52	1,949	4	0
6746 wheat flour	5	5	0	0	—
6747 grain mill products	124	32	92	0	0
6781 hay & fodder	453	1	453	—	—
6782 animal feed, prep.	1,422	15	1,403	4	—
Subtotal other agricultural products	3,015	1,066	1,936	7	5
6811 meat, fresh, frozen	349	79	270	0	—
6817 meat, prepared	31	5	26	—	—
6822 dairy products	165	12	153	0	—
6835 fish, prepared	34	33	1	0	—
6838 tallow, animal oils	6	3	3	—	—
6839 animals & prod. nec	208	11	197	0	—
6856 bananas & plantains	6	6	0	—	—
6857 fruit & nuts nec	479	117	361	0	—
6858 fruit juices	207	178	30	0	—
6861 sugar	13	11	2	—	—
6865 molasses	1	1	0	—	—
6871 coffee	71	20	51	—	—
6872 cocoa beans	4	3	0	—	—
6885 alcoholic beverages	308	257	46	1	5
6888 water & ice	127	87	37	3	—
6889 food products nec	467	224	242	2	—
6891 tobacco & products	2	2	0	0	—
6893 cotton	441	4	437	—	—
6894 natural fibers nec	6	3	3	—	—
6899 farm products nec	89	11	78	0	—
Total all manufactured equipment, machinery and products	15,234	13,493	1,736	5	1
7110 machinery (not elec)	1,700	1,403	296	1	0
7120 electrical machinery	2,960	2,786	172	2	0

LONG BEACH HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
7210 vehicles & parts	1,816	1,513	302	0	—
7220 aircraft & parts	17	4	13	0	—
7230 ships & boats	22	15	7	—	—
7300 ordnance & access.	7	5	2	—	—
7400 manufac. wood prod.	164	150	14	0	—
7500 textile products	1,865	1,664	200	0	0
7600 rubber & plastic pr.	1,714	1,309	404	2	0
7900 manufac. prod. nec	4,970	4,643	326	0	1
Total unknown or not elsewhere classified	626	395	229	1	1
9900 unknown or nec	626	395	229	1	1

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	11,585	8,265	2,327	904	72	17
Total petroleum and petroleum products	9,359	7,891	513	904	51	0
Subtotal crude petroleum	6,548	6,481	67	—	—	—
2100 crude petroleum	6,548	6,481	67	—	—	—
Subtotal petroleum products	2,811	1,410	446	904	51	0
2211 gasoline	830	687	143	0	—	—
2330 distillate fuel oil	702	460	202	7	32	—
2340 residual fuel oil	1,005	33	74	880	19	0
2350 lube oil & greases	52	48	1	3	—	—
2429 naphtha & solvents	188	175	—	14	—	—
2540 petroleum coke	16	—	16	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—	—
2990 petro. products nec	17	7	10	0	—	—
Total chemicals and related products	123	88	35	—	—	—
Subtotal fertilizers	1	0	1	—	—	—
3190 fert. & mixes nec	1	0	1	—	—	—
Subtotal other chemicals and related products	121	88	33	—	—	—
3220 alcohols	83	83	—	—	—	—
3282 pigments & paints	5	0	5	—	—	—
3285 perfumes & cleansers	15	—	15	—	—	—
3286 plastics	0	0	0	—	—	—
3291 pesticides	0	—	0	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—
3297 chemical additives	5	—	5	—	—	—
3299 chem. products nec	13	5	8	—	—	—
Total crude materials, inedible except fuels	116	80	6	—	20	10
Subtotal forest products, wood and chips	82	76	6	—	—	—
4189 lumber	76	76	0	—	—	—
4190 forest products nec	5	—	5	—	—	—
Subtotal pulp and waste paper	0	0	0	—	—	—
4225 pulp & waste paper	0	0	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	4	—	0	—	4	—
4310 building stone	0	—	0	—	—	—
4338 soil & fill dirt	4	—	0	—	4	—
Subtotal iron ore and scrap	4	4	—	—	—	—
4420 iron & steel scrap	4	4	—	—	—	—
Subtotal sulphur, clay and salt	26	—	—	—	16	10
4782 clay & refrac. mat.	26	—	—	—	16	10
Subtotal other non-metal. min.	0	—	0	—	—	—
4900 non-metal. min. nec	0	—	0	—	—	—
Total primary manufactured goods	63	6	50	—	—	7
Subtotal paper products	27	3	24	—	—	—
5110 newsprint	0	—	0	—	—	—
5190 paper products nec	27	3	24	—	—	—
Subtotal lime, cement and glass	10	—	2	—	—	7
5220 cement & concrete	7	—	—	—	—	7
5240 glass & glass prod.	0	—	0	—	—	—
5290 misc. mineral prod.	2	—	2	—	—	—
Subtotal primary iron and steel products	1	0	1	—	—	—
5370 i&s pipe & tube	1	0	1	—	—	—
Subtotal primary non-ferrous metal products	26	3	23	—	—	—
5429 smelted prod. nec	0	—	0	—	—	—
5480 fab. metal products	26	3	23	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	544	20	524	—	—	—
Subtotal fish	0	0	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—
Subtotal grain	1	0	1	—	—	—
6442 rice	1	0	1	—	—	—
Subtotal oilseeds	0	—	0	—	—	—
6590 oilseeds nec	0	—	0	—	—	—
Subtotal vegetable products	55	2	53	—	—	—
6653 vegetable oils	0	—	0	—	—	—
6654 vegetables & prod.	55	2	53	—	—	—
Subtotal processed grain and animal feed	2	1	1	—	—	—
6746 wheat flour	0	0	0	—	—	—
6747 grain mill products	0	—	0	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	2	1	1	—	—	—
Subtotal other agricultural products	486	17	469	—	—	—
6811 meat, fresh, frozen	33	0	33	—	—	—
6822 dairy products	12	—	12	—	—	—
6839 animals & prod. nec	4	1	3	—	—	—
6856 bananas & plantains	3	—	3	—	—	—
6857 fruit & nuts nec	1	1	—	—	—	—
6858 fruit juices	0	—	0	—	—	—
6871 coffee	0	0	0	—	—	—

LONG BEACH HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
6885 alcoholic beverages	136	0	136	—	—	—
6887 groceries	0	—	0	—	—	—
6889 food products nec	293	14	279	—	—	—
6891 tobacco & products	1	—	1	—	—	—
6899 farm products nec	2	1	1	—	—	—
Total all manufactured equipment, machinery and products	1,379	180	1,198	—	1	0
7110 machinery (not elec)	40	7	32	—	1	—
7120 electrical machinery	21	8	13	—	—	—
7210 vehicles & parts	100	36	63	—	—	—
7220 aircraft & parts	0	—	0	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	7	—	7	—	—	—
7400 manufac. wood prod.	158	26	132	—	—	—
7500 textile products	0	—	0	—	—	—
7600 rubber & plastic pr.	9	3	6	—	—	—
7900 manufac. prod. nec	1,045	100	944	—	—	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
2003	51,327	2006	65,978	2009	58,406	2012	61,819
2004	52,473	2007	65,502	2010	62,387		
2005	54,894	2008	59,788	2011	64,992		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	54,869	32,738	21,974	157	1
Total coal	143	1	142	0	—
1100 coal & lignite	141	1	140	0	—
1200 coal coke	2	0	1	—	—
Total petroleum and petroleum products	4,105	3,397	591	117	—
Subtotal crude petroleum	697	615	—	81	—
2100 crude petroleum	697	615	—	81	—
Subtotal petroleum products	3,409	2,782	591	36	—
2211 gasoline	823	811	12	—	—
2221 kerosene	33	33	—	—	—
2330 distillate fuel oil	1,914	1,621	258	35	—
2340 residual fuel oil	282	236	46	—	—
2350 lube oil & greases	34	0	34	—	—
2410 petro. jelly & waxes	10	9	2	—	—
2429 naphtha & solvents	140	60	79	1	—
2430 asphalt, tar & pitch	4	2	2	—	—
2540 petroleum coke	157	1	156	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	11	9	3	—	—
Total chemicals and related products	5,077	1,840	3,199	38	0
Subtotal fertilizers	42	13	29	0	—
3110 nitrogenous fert.	2	1	0	—	—
3120 phosphatic fert.	1	0	0	—	—
3130 potassic fert.	1	1	1	—	—
3190 fert. & mixes nec	39	11	27	0	—
Subtotal other chemicals and related products	5,035	1,827	3,170	38	0
3211 acyclic hydrocarbons	47	6	4	37	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	57	34	23	—	—
3220 alcohols	175	84	91	—	—
3230 carboxylic acids	130	77	53	—	—
3240 nitrogen func. comp.	190	82	108	—	0
3250 organo - inorg. comp.	120	49	70	—	—
3260 organic comp. nec	207	42	165	—	—
3272 sulphuric acid	5	3	1	—	—
3273 ammonia	1	1	0	—	—
3274 sodium hydroxide	179	175	4	—	—
3275 inorg. elem., oxides, & halogen salts	315	98	216	—	—
3276 metallic salts	453	66	387	—	—
3279 inorganic chem. nec	26	15	11	—	—
3281 radioactive material	3	1	2	—	—
3282 pigments & paints	105	59	47	—	—
3283 coloring mat. nec	28	14	14	—	—
3284 medicines	107	56	51	—	—
3285 perfumes & cleansers	225	118	106	—	—
3286 plastics	1,826	571	1,254	0	0
3291 pesticides	53	41	11	—	—
3292 starches, gluten, glue	220	51	168	—	—
3293 explosives	55	54	1	—	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3297 chemical additives	153	47	105	1	—
3298 wood & resin chem.	3	3	0	—	—
3299 chem. products nec	352	77	275	—	—
Total crude materials, inedible except fuels	6,169	528	5,641	—	0
Subtotal forest products, wood and chips	452	255	196	—	—
4110 rubber & gums	14	13	1	—	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	85	10	76	—	—
4189 lumber	285	176	110	—	—
4190 forest products nec	64	55	9	—	—
Subtotal pulp and waste paper	3,441	27	3,415	—	—
4225 pulp & waste paper	3,441	27	3,415	—	—
Subtotal soil, sand, gravel, rock and stone	132	119	13	—	—
4310 building stone	74	71	3	—	—
4322 limestone	4	4	0	—	—
4323 gypsum	3	1	2	—	—
4327 phosphate rock	0	0	—	—	—
4331 sand & gravel	51	44	8	—	—
Subtotal iron ore and scrap	1,666	29	1,637	—	—
4410 iron ore	15	0	15	—	—
4420 iron & steel scrap	1,651	29	1,621	—	—
Subtotal marine shells	1	1	0	—	—
4515 marine shells	1	1	0	—	—
Subtotal non-ferrous ores and scrap	257	42	215	—	—
4630 copper ore	0	0	—	—	—
4650 aluminum ore	19	8	11	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	211	13	199	—	—
4690 non-ferrous ores nec	27	22	5	—	—
Subtotal sulphur, clay and salt	144	16	128	—	—
4741 sulphur, (dry)	113	2	111	—	—
4782 clay & refrac. mat.	31	14	17	—	—
Subtotal slag	1	1	0	—	—
4860 slag	1	1	0	—	—
Subtotal other non-metal. min.	75	37	38	—	0
4900 non-metal. min. nec	75	37	38	—	0
Total primary manufactured goods	8,755	6,856	1,898	1	0
Subtotal paper products	1,068	689	379	—	0
5110 newsprint	6	1	5	—	—
5120 paper & paperboard	596	305	291	—	0
5190 paper products nec	466	383	83	—	0
Subtotal lime, cement and glass	912	861	50	1	—
5210 lime	0	0	0	—	—
5220 cement & concrete	19	18	1	0	—
5240 glass & glass prod.	271	238	33	0	—
5290 misc. mineral prod.	622	605	16	1	—
Subtotal primary iron and steel products	2,877	2,773	104	—	0
5312 pig iron	20	18	2	—	—
5315 ferro alloys	8	6	2	—	—
5320 i&s primary forms	1,626	1,572	54	—	—
5330 i&s plates & sheets	459	456	3	—	—
5360 i&s bars & shapes	170	156	14	—	0
5370 i&s pipe & tube	509	486	23	—	—
5390 primary i&s nec	86	80	6	—	—
Subtotal primary non-ferrous metal products	3,721	2,367	1,353	—	0
5421 copper	77	56	20	—	—
5422 aluminum	218	182	36	—	0
5429 smelted prod. nec	1,173	49	1,124	—	—
5480 fab. metal products	2,253	2,081	172	—	0
Subtotal primary wood products	177	166	11	—	0
5540 primary wood prod.	177	166	11	—	0
Total food and farm products	11,167	3,194	7,973	0	0
Subtotal fish	507	445	62	0	—
6134 fish (not shellfish)	225	199	26	0	—
6136 shellfish	282	246	36	0	—
Subtotal grain	491	150	341	—	—
6241 wheat	9	1	8	—	—
6344 corn	325	1	324	—	—
6442 rice	156	147	9	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	1,041	31	1,009	—	—
6521 peanuts	6	2	4	—	—
6522 soybeans	906	22	884	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	129	8	121	—	—
Subtotal vegetable products	581	291	290	0	0
6653 vegetable oils	49	38	11	—	—
6654 vegetables & prod.	532	253	279	0	0
Subtotal processed grain and animal feed	2,821	83	2,738	—	—
6746 wheat flour	9	8	1	—	—
6747 grain mill products	152	56	96	—	—
6781 hay & fodder	1,043	1	1,042	—	—
6782 animal feed, prep.	1,617	18	1,599	—	—
Subtotal other agricultural products	5,726	2,193	3,533	0	0
6811 meat, fresh, frozen	606	73	533	—	—
6817 meat, prepared	30	5	25	—	—
6822 dairy products	171	12	159	—	—
6835 fish, prepared	104	99	5	0	—
6838 tallow, animal oils	15	11	4	—	—
6839 animals & prod. nec	408	16	391	—	—
6856 bananas & plantains	64	64	0	—	—
6857 fruit & nuts nec	1,083	554	529	—	0
6858 fruit juices	480	421	59	—	—

LOS ANGELES HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6861 sugar	29	28	1	—	—
6865 molasses	1	1	0	—	—
6871 coffee	146	85	61	—	—
6872 cocoa beans	15	15	1	—	—
6885 alcoholic beverages	390	304	86	—	—
6888 water & ice	157	94	63	—	—
6889 food products nec	721	362	359	0	0
6891 tobacco & products	4	4	0	—	—
6893 cotton	1,036	10	1,026	—	—
6894 natural fibers nec	17	15	2	—	—
6899 farm products nec	250	21	228	—	—
Total all manufactured equipment, machinery and products	18,696	16,481	2,215	0	0
7110 machinery (not elec)	2,020	1,636	384	0	0
7120 electrical machinery	3,523	3,293	230	0	0
7210 vehicles & parts	2,376	1,996	380	—	0
7220 aircraft & parts	14	8	6	—	0
7230 ships & boats	21	15	6	0	—
7300 ordnance & access.	10	9	2	—	—
7400 manufac. wood prod.	234	217	17	—	—
7500 textile products	2,678	2,427	251	—	0
7600 rubber & plastic pr.	2,213	1,708	505	0	0
7900 manufac. prod. nec	5,607	5,172	434	0	0
Total unknown or not elsewhere classified	756	441	315	—	0
9900 unknown or nec	756	441	315	—	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,950	4,107	1,105	69	904	765
Total petroleum and petroleum products	6,001	3,259	1,028	51	904	759
Subtotal crude petroleum	88	88	—	—	—	—
2100 crude petroleum	88	88	—	—	—	—
Subtotal petroleum products	5,913	3,171	1,028	51	904	759
2211 gasoline	2,059	1,824	225	—	0	10
2330 distillate fuel oil	901	454	375	32	7	33
2340 residual fuel oil	2,523	529	379	19	880	716
2350 lube oil & greases	126	123	—	—	3	0
2429 naphtha & solvents	302	241	47	—	14	—
2430 asphalt, tar & pitch	3	—	3	—	—	—
2990 petro. products nec	0	—	—	—	0	—
Total chemicals and related products	3	0	2	—	—	—
Subtotal other chemicals and related products	3	0	2	—	—	—
3220 alcohols	2	—	2	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—
3299 chem. products nec	0	0	—	—	—	—
Total crude materials, inedible except fuels	759	733	7	17	—	2
Subtotal soil, sand, gravel, rock and stone	743	733	7	1	—	2
4331 sand & gravel	740	733	7	—	—	—
4338 soil & fill dirt	2	—	—	1	—	2
Subtotal sulphur, clay and salt	16	—	—	16	—	—
4782 clay & refrac. mat.	16	—	—	16	—	—
Total primary manufactured goods	0	—	—	—	—	0
Subtotal primary non-ferrous metal products	0	—	—	—	—	0
5480 fab. metal products	0	—	—	—	—	0
Total food and farm products	111	111	—	—	—	—
Subtotal vegetable products	0	0	—	—	—	—
6653 vegetable oils	0	0	—	—	—	—
Subtotal other agricultural products	110	110	—	—	—	—
6835 fish, prepared	110	110	—	—	—	—
Total all manufactured equipment, machinery and products	76	4	67	1	—	5
7110 machinery (not elec)	12	3	3	1	—	5
7120 electrical machinery	1	1	—	—	—	—
7210 vehicles & parts	0	0	—	—	—	—
7900 manufac. prod. nec	64	—	64	—	—	—
Total waste and scrap nec	0	—	0	—	—	—
8900 waste and scrap nec	0	—	0	—	—	—
Total unknown or not elsewhere classified	1	1	—	—	—	—
9900 unknown or nec	1	1	—	—	—	—

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
2003	1,090	2006	1,612	2009	1,372	2012	1,541
2004	1,314	2007	1,471	2010	1,382		
2005	1,611	2008	1,301	2011	1,472		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
Total, all commodities	1,541	1,426	93	23	2	21
Total coal	0	0	0	0	0	0
1200 coal coke	0	0	0	0	0	0
Total petroleum and petroleum products	10	8	1	1	1	1
Subtotal petroleum products	10	8	1	1	1	1
2211 gasoline	0	0	0	0	0	0
2330 distillate fuel oil	1	0	0	0	0	0
2340 residual fuel oil	1	0	0	1	1	0
2540 petroleum coke	0	0	0	0	0	0
2640 hydrocarbon & petrol gases, liquefied and aqeous	8	8	0	0	0	0
Total chemicals and related products	149	142	6	0	0	0
Subtotal fertilizers	136	136	0	0	0	0
3110 nitrogenous fert.	136	136	0	0	0	0
3190 fert. & mixes nec	0	0	0	0	0	0
Subtotal other chemicals and related products	12	6	6	0	0	0
3219 other hydrocarbons	0	0	0	0	0	0
3220 alcohols	0	0	0	0	0	0
3230 carboxylic acids	0	0	0	0	0	0
3240 nitrogen func. comp.	0	0	0	0	0	0
3260 organic comp. nec	6	6	0	0	0	0
3275 inorg. elem., oxides, & halogen salts	0	0	0	0	0	0
3276 metallic salts	0	0	0	0	0	0
3282 pigments & paints	0	0	0	0	0	0
3283 coloring mat. nec	0	0	0	0	0	0
3285 perfumes & cleansers	0	0	0	0	0	0
3286 plastics	6	0	6	0	0	0
3291 pesticides	0	0	0	0	0	0
3292 starches, gluten, glue	0	0	0	0	0	0
3299 chem. products nec	0	0	0	0	0	0
Total crude materials, inedible except fuels	1	0	1	0	0	0
Subtotal forest products, wood and chips	0	0	0	0	0	0
4189 lumber	0	0	0	0	0	0
4190 forest products nec	0	0	0	0	0	0
Subtotal pulp and waste paper	1	0	1	0	0	0
4225 pulp & waste paper	1	0	1	0	0	0
Subtotal soil, sand, gravel, rock and stone	0	0	0	0	0	0
4331 sand & gravel	0	0	0	0	0	0
Subtotal marine shells	0	0	0	0	0	0
4515 marine shells	0	0	0	0	0	0
Subtotal other non-metal. min.	0	0	0	0	0	0
4900 non-metal. min. nec	0	0	0	0	0	0
Total primary manufactured goods	8	7	1	0	0	0
Subtotal paper products	5	5	0	0	0	0
5120 paper & paperboard	0	0	0	0	0	0
5190 paper products nec	5	5	0	0	0	0
Subtotal lime, cement and glass	0	0	0	0	0	0
5240 glass & glass prod.	0	0	0	0	0	0
5290 misc. mineral prod.	0	0	0	0	0	0
Subtotal primary iron and steel products	1	1	0	0	0	0
5312 pig iron	0	0	0	0	0	0
5320 i&s primary forms	0	0	0	0	0	0
5360 i&s bars & shapes	0	0	0	0	0	0
5370 i&s pipe & tube	0	0	0	0	0	0
5390 primary i&s nec	0	0	0	0	0	0
Subtotal primary non-ferrous metal products	2	1	1	0	0	0
5422 aluminum	0	0	0	0	0	0
5480 fab. metal products	1	1	1	0	0	0
Subtotal primary wood products	0	0	0	0	0	0
5540 primary wood prod.	0	0	0	0	0	0
Total food and farm products	849	816	32	0	0	0
Subtotal fish	5	5	0	0	0	0
6134 fish (not shellfish)	0	0	0	0	0	0
6136 shellfish	5	5	0	0	0	0
Subtotal grain	0	0	0	0	0	0
6442 rice	0	0	0	0	0	0
Subtotal vegetable products	14	1	13	0	0	0
6654 vegetables & prod.	14	1	13	0	0	0
Subtotal processed grain and animal feed	0	0	0	0	0	0
6747 grain mill products	0	0	0	0	0	0
6782 animal feed, prep.	0	0	0	0	0	0
Subtotal other agricultural products	830	811	19	0	0	0
6811 meat, fresh, frozen	0	0	0	0	0	0
6822 dairy products	1	0	1	0	0	0
6835 fish, prepared	1	1	0	0	0	0
6856 bananas & plantains	698	698	0	0	0	0
6857 fruit & nuts nec	123	106	17	0	0	0
6858 fruit juices	5	5	0	0	0	0
6861 sugar	0	0	0	0	0	0
6871 coffee	0	0	0	0	0	0
6885 alcoholic beverages	0	0	0	0	0	0
6889 food products nec	1	0	1	0	0	0
6893 cotton	0	0	0	0	0	0

PORT HUENEME, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
6899 farm products nec	0	0	0	—	—	—
Total all manufactured equipment, machinery and products	375	304	51	21	—	21
7110 machinery (not elec)	57	27	9	21	—	21
7120 electrical machinery	4	4	0	—	—	—
7210 vehicles & parts	294	261	33	—	—	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	6	6	0	—	—	—
7300 ordnance & access.	0	—	0	—	—	—
7400 manufac. wood prod.	0	0	0	—	—	—
7500 textile products	7	1	6	—	—	—
7600 rubber & plastic pr.	1	1	0	—	—	—
7900 manufac. prod. nec	6	4	2	—	—	—
Total unknown or not elsewhere classified	150	148	1	1	1	—
9900 unknown or nec	150	148	1	1	1	—

Other Harbors and Waterways 2012

Harbor or Waterway Project	Commodity	Thousand Short Tons
MISSION BAY, CA	No Commerce Reported	
MORRO BAY HARBOR, CA	No Commerce Reported	
NEWPORT BAY HARBOR, CA	No Commerce Reported	
OCEANSIDE HARBOR, CA	No Commerce Reported	
REDONDO BEACH, CA	No Commerce Reported	
SANTA BARBARA HARBOR, CA	7110 machinery (not elec)	0
	7230 ships & boats	0
	7500 textile products	0
	Total Tons(x1000)	0

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
2003	770	2006	487	2009	611	2012	691
2004	594	2007	824	2010	657		
2005	692	2008	889	2011	768		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Internal		
					Upbound	Downbnd	Intra Downbnd
Total, all commodities	691	118	296	277	31	225	22
Total chemicals and related products	95	95	---	---	---	---	---
Subtotal fertilizers	49	49	---	---	---	---	---
3110 nitrogenous fert.	49	49	---	---	---	---	---
Subtotal other chemicals and related products	46	46	---	---	---	---	---
3273 ammonia	46	46	---	---	---	---	---
Total crude materials, inedible except fuels	277	---	---	277	30	225	22
Subtotal soil, sand, gravel, rock and stone	253	---	---	253	7	225	22
4331 sand & gravel	253	---	---	253	7	225	22
Subtotal marine shells	23	---	---	23	23	---	---
4515 marine shells	23	---	---	23	23	---	---
Total primary manufactured goods	0	---	0	0	---	0	---
Subtotal paper products	0	---	0	---	---	---	---
5190 paper products nec	0	---	0	---	---	---	---
Subtotal primary iron and steel products	0	---	---	0	---	0	---
5370 i&s pipe & tube	0	---	---	0	---	0	---
Total food and farm products	303	21	283	---	---	---	---
Subtotal grain	283	---	283	---	---	---	---
6442 rice	283	---	283	---	---	---	---
Subtotal other agricultural products	21	21	---	---	---	---	---
6865 molasses	21	21	---	---	---	---	---
Total all manufactured equipment, machinery and products	2	2	0	0	0	0	---
7110 machinery (not elec)	1	1	---	0	0	0	---
7120 electrical machinery	0	0	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---
7600 rubber & plastic pr.	0	---	0	---	---	---	---
7900 manufac. prod. nec	0	0	0	---	---	---	---
Total unknown or not elsewhere classified	14	0	13	---	---	---	---
9900 unknown or nec	14	0	13	---	---	---	---
Ton-miles (x1000)	37,365	10,139	25,495	1,731	2	1,577	152

Tons All Traffic (x1000) 691
Ton-miles All Traffic (x1000) 37,365
Total Trip-ton-miles Internal and Intraport (x1000) 10,555

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
2003	743	2006	386	2009	490	2012	414
2004	545	2007	700	2010	385		
2005	589	2008	825	2011	357		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Total, all commodities	414	118	296
Total chemicals and related products	95	95	---
Subtotal fertilizers	49	49	---
3110 nitrogenous fert.	49	49	---
Subtotal other chemicals and related products	46	46	---
3273 ammonia	46	46	---
Total primary manufactured goods	0	---	0
Subtotal paper products	0	---	0
5190 paper products nec	0	---	0
Total food and farm products	303	21	283
Subtotal grain	283	---	283
6442 rice	283	---	283

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Subtotal other agricultural products	21	21	—
6865 molasses	21	21	—
Total all manufactured equipment, machinery and products	2	2	0
7110 machinery (not elec)	1	1	—
7120 electrical machinery	0	0	—
7230 ships & boats	0	0	—
7600 rubber & plastic pr.	0	—	0
7900 manufac. prod. nec	0	0	0
Total unknown or not elsewhere classified	14	0	13
9900 unknown or nec	14	0	13
Ton-miles (x1000)	16,988	4,834	12,155

Tons All Traffic (x1000) **414**
Ton-miles All Traffic (x1000) **16,988**

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
2003	743	2006	386	2009	490	2012	414
2004	547	2007	700	2010	385		
2005	589	2008	825	2011	357		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Total, all commodities	414	118	296
Total chemicals and related products	95	95	—
Subtotal fertilizers	49	49	—
3110 nitrogenous fert.	49	49	—
Subtotal other chemicals and related products	46	46	—
3273 ammonia	46	46	—
Total primary manufactured goods	0	—	0
Subtotal paper products	0	—	0
5190 paper products nec	0	—	0
Total food and farm products	303	21	283
Subtotal grain	283	—	283
6442 rice	283	—	283
Subtotal other agricultural products	21	21	—
6865 molasses	21	21	—
Total all manufactured equipment, machinery and products	2	2	0
7110 machinery (not elec)	1	1	—
7120 electrical machinery	0	0	—
7230 ships & boats	0	0	—
7600 rubber & plastic pr.	0	—	0
7900 manufac. prod. nec	0	0	0
Total unknown or not elsewhere classified	14	0	13
9900 unknown or nec	14	0	13

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
2003	3,539	2006	6,367	2009	3,346	2012	5,833
2004	4,619	2007	5,182	2010	3,438		
2005	4,965	2008	3,783	2011	5,458		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	
Total, all commodities	5,477	2,649	2,808	20
Total coal	35	—	35	—
1100 coal & lignite	35	—	35	—
Total petroleum and petroleum products	1,333	32	1,301	—
Subtotal petroleum products	1,333	32	1,301	—
2330 distillate fuel oil	112	—	112	—
2540 petroleum coke	1,189	—	1,189	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	32	32	—	—

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Outbound
Total chemicals and related products	946	944	2	---
Subtotal fertilizers	648	648	---	---
3110 nitrogenous fert.	580	580	---	---
3130 potassic fert.	32	32	---	---
3190 fert. & mixes nec	36	36	---	---
Subtotal other chemicals and related products	299	296	2	---
3211 acyclic hydrocarbons	2	---	2	---
3220 alcohols	11	11	---	---
3273 ammonia	226	226	---	---
3275 inorg. elem., oxides, & halogen salts	5	5	---	---
3276 metallic salts	53	53	---	---
3283 coloring mat. nec	0	0	---	---
Total crude materials, inedible except fuels	1,739	506	1,214	19
Subtotal soil, sand, gravel, rock and stone	256	256	---	---
4323 gypsum	256	256	---	---
Subtotal iron ore and scrap	924	---	924	---
4410 iron ore	897	---	897	---
4420 iron & steel scrap	26	---	26	---
Subtotal sulphur, clay and salt	309	---	290	19
4741 sulphur, (dry)	309	---	290	19
Subtotal slag	62	62	---	---
4860 slag	62	62	---	---
Subtotal other non-metal. min.	188	188	---	---
4900 non-metal. min. nec	188	188	---	---
Total primary manufactured goods	638	638	---	---
Subtotal primary iron and steel products	292	292	---	---
5320 i&s primary forms	62	62	---	---
5330 i&s plates & sheets	216	216	---	---
5360 i&s bars & shapes	3	3	---	---
5370 i&s pipe & tube	12	12	---	---
Subtotal primary non-ferrous metal products	346	346	---	---
5421 copper	124	124	---	---
5429 smelted prod. nec	4	4	---	---
5480 fab. metal products	217	217	---	---
Total food and farm products	757	508	249	---
Subtotal grain	177	71	106	---
6442 rice	147	41	106	---
6447 sorghum grains	30	30	---	---
Subtotal oilseeds	113	113	---	---
6590 oilseeds nec	113	113	---	---
Subtotal vegetable products	44	41	3	---
6653 vegetable oils	14	11	3	---
6654 vegetables & prod.	30	30	---	---
Subtotal processed grain and animal feed	140	---	140	---
6782 animal feed, prep.	140	---	140	---
Subtotal other agricultural products	283	283	---	---
6861 sugar	9	9	---	---
6865 molasses	272	272	---	---
6889 food products nec	2	2	---	---
Total all manufactured equipment, machinery and products	16	16	---	0
7110 machinery (not elec)	4	4	---	---
7120 electrical machinery	7	7	---	---
7210 vehicles & parts	6	5	---	0
7230 ships & boats	0	0	---	---
7900 manufac. prod. nec	0	0	---	---
Total unknown or not elsewhere classified	13	6	7	---
9900 unknown or nec	13	6	7	---
Ton-miles (x1000)	142,819	72,808	69,189	822
Foreign & Canadian				

Commodity	Total	Coastwise Receipts	Domestic			
			Internal			
			Inbound Upbound	Outbound Downbnd	Intra Upbound	Intra Downbnd
Total, all commodities	356	101	246	2	2	5
Total coal	60	60	---	---	---	---
1100 coal & lignite	60	60	---	---	---	---
Total petroleum and petroleum products	4	4	---	---	---	---
Subtotal petroleum products	4	4	---	---	---	---
2350 lube oil & greases	4	4	---	---	---	---
Total chemicals and related products	38	38	---	---	---	---
Subtotal fertilizers	15	15	---	---	---	---
3110 nitrogenous fert.	15	15	---	---	---	---
Subtotal other chemicals and related products	23	23	---	---	---	---
3299 chem. products nec	23	23	---	---	---	---
Total crude materials, inedible except fuels	204	---	204	0	---	---
Subtotal forest products, wood and chips	0	---	0	0	---	---
4189 lumber	0	---	0	0	---	---
Subtotal soil, sand, gravel, rock and stone	204	---	204	---	---	---
4331 sand & gravel	204	---	204	---	---	---
Total primary manufactured goods	0	---	0	0	---	---
Subtotal lime, cement and glass	0	---	0	0	---	---
5290 misc. mineral prod.	0	---	0	0	---	---

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise Receipts	Internal			
			Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Subtotal primary iron and steel products	0	---	0	---	---	---
5370 i&s pipe & tube	0	---	0	---	---	---
Total food and farm products	50	---	41	2	2	5
Subtotal other agricultural products	50	---	41	2	2	5
6865 molasses	50	---	41	2	2	5
Total all manufactured equipment, machinery and products	0	---	0	0	---	---
7110 machinery (not elec)	0	---	0	0	---	---
7400 manufac. wood prod.	0	---	0	0	---	---
Ton-miles (x1000)	10,355	4,245	6,034	70	2	5
Domestic						
Tons All Traffic (x1000)	5,833					
Ton-miles All Traffic (x1000)	153,174					
Total Trip-ton-miles Internal and Intraport (x1000)	11,983					

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
2003	1,980	2006	3,042	2009	1,633	2012	3,456
2004	2,809	2007	2,823	2010	1,814		
2005	2,643	2008	1,772	2011	3,482		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
Total, all commodities	3,456	1,667	1,619	20	151	101	41	2	7
Total coal	95	---	35	---	60	60	---	---	---
1100 coal & lignite	95	---	35	---	60	60	---	---	---
Total petroleum and petroleum products	148	32	112	---	4	4	---	---	---
Subtotal petroleum products	148	32	112	---	4	4	---	---	---
2330 distillate fuel oil	112	---	112	---	---	---	---	---	---
2350 lube oil & greases	4	---	---	---	4	4	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	32	32	---	---	---	---	---	---	---
Total chemicals and related products	959	918	2	---	38	38	---	---	---
Subtotal fertilizers	637	622	---	---	15	15	---	---	---
3110 nitrogenous fert.	570	555	---	---	15	15	---	---	---
3130 potassic fert.	32	32	---	---	---	---	---	---	---
3190 fert. & mixes nec	36	36	---	---	---	---	---	---	---
Subtotal other chemicals and related products	322	296	2	---	23	23	---	---	---
3211 acyclic hydrocarbons	2	---	2	---	---	---	---	---	---
3220 alcohols	11	11	---	---	---	---	---	---	---
3273 ammonia	226	226	---	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	5	5	---	---	---	---	---	---	---
3276 metallic salts	53	53	---	---	---	---	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---	---	---	---
3299 chem. products nec	23	---	---	---	23	23	---	---	---
Total crude materials, inedible except fuels	1,356	123	1,214	19	---	---	---	---	---
Subtotal iron ore and scrap	924	---	924	---	---	---	---	---	---
4410 iron ore	897	---	897	---	---	---	---	---	---
4420 iron & steel scrap	26	---	26	---	---	---	---	---	---
Subtotal sulphur, clay and salt	309	---	290	19	---	---	---	---	---
4741 sulphur, (dry)	309	---	290	19	---	---	---	---	---
Subtotal slag	62	62	---	---	---	---	---	---	---
4860 slag	62	62	---	---	---	---	---	---	---
Subtotal other non-metal. min.	61	61	---	---	---	---	---	---	---
4900 non-metal. min. nec	61	61	---	---	---	---	---	---	---
Total primary manufactured goods	64	64	---	---	0	---	0	---	---
Subtotal primary iron and steel products	19	19	---	---	0	---	0	---	---
5320 i&s primary forms	1	1	---	---	---	---	---	---	---
5330 i&s plates & sheets	4	4	---	---	---	---	---	---	---
5360 i&s bars & shapes	3	3	---	---	---	---	---	---	---
5370 i&s pipe & tube	12	12	---	---	0	---	0	---	---

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise	Internal		
					Receipts	Receipts	Shipments	Intraport	
Subtotal primary non-ferrous metal products	45	45	---	---	---	---	---	---	---
5421 copper	2	2	---	---	---	---	---	---	---
5429 smelted prod. nec	4	4	---	---	---	---	---	---	---
5480 fab. metal products	38	38	---	---	---	---	---	---	---
Total food and farm products	807	508	249	---	50	---	41	2	7
Subtotal grain	177	71	106	---	---	---	---	---	---
6442 rice	147	41	106	---	---	---	---	---	---
6447 sorghum grains	30	30	---	---	---	---	---	---	---
Subtotal oilseeds	113	113	---	---	---	---	---	---	---
6590 oilseeds nec	113	113	---	---	---	---	---	---	---
Subtotal vegetable products	44	41	3	---	---	---	---	---	---
6653 vegetable oils	14	11	3	---	---	---	---	---	---
6654 vegetables & prod.	30	30	---	---	---	---	---	---	---
Subtotal processed grain and animal feed	140	---	140	---	---	---	---	---	---
6782 animal feed, prep.	140	---	140	---	---	---	---	---	---
Subtotal other agricultural products	333	283	---	---	50	---	41	2	7
6861 sugar	9	9	---	---	---	---	---	---	---
6865 molasses	322	272	---	---	50	---	41	2	7
6889 food products nec	2	2	---	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	16	16	---	0	---	---	---	---	---
7110 machinery (not elec)	4	4	---	---	---	---	---	---	---
7120 electrical machinery	7	7	---	---	---	---	---	---	---
7210 vehicles & parts	6	5	---	0	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---	---
Total unknown or not elsewhere classified	13	6	7	---	---	---	---	---	---
9900 unknown or nec	13	6	7	---	---	---	---	---	---

Other Harbors and Waterways 2012

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, 2012
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
NEWARK SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
SACRAMENTO RIVER, CA	118	296	---	---	255	22	691	0.92	---
OTHER SAN FRANCISCO BAY AREA PORTS, CA	1,399	---	1	---	1,022	227	2,649	3.53	---
SAN RAFAEL CREEK, CA	---	---	---	---	---	---	---	0.00	---
PETALUMA RIVER, CA	---	---	---	---	318	---	318	0.42	---
SAN JOAQUIN RIVER, CA**	2,649	2,828	101	---	248	7	5,833	7.78	---
REDWOOD CITY HARBOR, CA	505	300	---	---	112	---	917	1.22	---
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	1,023	560	599	144	341	0	2,667	3.56	25,831
RICHMOND HARBOR, CA	9,805	2,848	5,066	2,717	1,805	315	22,556	30.09	---
CARQUINEZ STRAIT, CA	10,908	1,307	3,029	2,181	343	82	17,849	23.81	7,964
NAPA RIVER, CA	---	---	---	---	56	---	56	0.07	---
BERKELEY, CA	---	---	---	---	---	---	---	0.00	---
SAN FRANCISCO HARBOR, CA	542	20	---	---	283	---	845	1.13	---
SUISUN BAY CHANNEL, CA	---	831	311	291	407	6	1,846	2.46	6,156
OAKLAND HARBOR, CA	6,275	10,121	158	1,039	1,135	---	18,728	24.99	---
ALVISO SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
COYOTE HILL SLOUGH, CA	---	---	---	---	---	---	---	0.00	---
SUISUN CHANNEL, CA	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	33,224	19,111	9,263	6,373	6,324	659	74,954	---	39,951
PERCENT (UNADJUSTED)	44.33	25.50	12.36	8.50	8.44	0.88	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA	33,224	19,111	9,263	6,373	3,178	659	71,808	---	---
PERCENT (ADJUSTED)**	46.27	26.61	12.90	8.87	4.43	0.92	---	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
2003	58,538	2006	69,995	2009	62,960	2012	67,971
2004	63,674	2007	66,290	2010	62,658		
2005	65,239	2008	67,309	2011	65,075		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	67,971	29,682	18,697	3,542	414	15,636	9,263	6,373
Total coal	95	1	35	0	---	60	60	---
1100 coal & lignite	95	1	35	0	---	60	60	---
1200 coal coke	0	---	0	---	---	---	---	---
Total petroleum and petroleum products	39,519	19,007	5,480	590	386	14,056	8,871	5,185
Subtotal crude petroleum	20,990	16,336	---	539	---	4,115	4,115	---
2100 crude petroleum	20,990	16,336	---	539	---	4,115	4,115	---
Subtotal petroleum products	18,529	2,671	5,480	51	386	9,941	4,756	5,185
2211 gasoline	5,978	209	594	20	295	4,860	1,651	3,209
2221 kerosene	45	45	---	---	---	---	---	---
2330 distillate fuel oil	7,447	2,080	2,583	31	91	2,662	1,949	713
2340 residual fuel oil	2,133	217	230	---	---	1,687	1,074	613
2350 lube oil & greases	337	0	9	---	---	327	16	311
2410 petro. jelly & waxes	73	72	0	---	---	---	---	---
2429 naphtha & solvents	591	15	172	---	---	404	66	338
2430 asphalt, tar & pitch	17	---	17	---	---	---	---	---
2540 petroleum coke	1,874	1	1,873	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	34	33	1	---	---	0	---	0
2990 petro. products nec	1	---	---	---	---	1	---	1
Total chemicals and related products	2,407	1,679	522	2	1	203	39	164
Subtotal fertilizers	759	727	12	1	---	19	15	4
3110 nitrogenous fert.	658	643	0	0	---	15	15	---
3120 phosphatic fert.	0	0	---	---	---	---	---	---
3130 potassic fert.	32	32	0	---	---	---	---	---
3190 fert. & mixes nec	69	51	12	1	---	4	0	4

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
Subtotal other chemicals and related products	1,647	952	510	1	1	183	24	159
3211 acyclic hydrocarbons	77	0	67	—	—	10	—	10
3212 benzene & toluene	16	14	0	—	1	—	—	—
3219 other hydrocarbons	2	1	1	—	—	—	—	—
3220 alcohols	302	155	13	—	—	133	—	133
3230 carboxylic acids	33	31	2	—	—	—	—	—
3240 nitrogen func. comp.	15	8	7	0	—	—	—	—
3250 organo - inorg. comp.	8	4	4	—	—	—	—	—
3260 organic comp. nec	7	2	5	0	—	0	—	0
3272 sulphuric acid	1	0	1	—	—	—	—	—
3273 ammonia	273	273	0	—	—	—	—	—
3274 sodium hydroxide	124	124	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	71	36	34	—	—	—	—	—
3276 metallic salts	111	99	12	0	0	—	—	—
3279 inorganic chem. nec	5	2	3	—	—	—	—	—
3281 radioactive material	5	2	2	—	—	—	—	—
3282 pigments & paints	18	7	10	—	—	1	—	1
3283 coloring mat. nec	3	2	1	—	—	—	—	—
3284 medicines	17	6	11	0	0	—	—	—
3285 perfumes & cleansers	48	14	33	0	0	1	—	1
3286 plastics	345	101	243	0	—	0	0	0
3291 pesticides	8	5	2	0	—	0	—	0
3292 starches, gluten, glue	64	48	16	—	—	0	—	0
3293 explosives	3	3	0	0	—	—	—	—
3297 chemical additives	6	2	3	0	—	—	—	—
3298 wood & resin chem.	0	0	0	—	—	—	—	—
3299 chem. products nec	86	12	37	0	—	38	24	14
Total crude materials, inedible except fuels	9,887	1,109	5,814	2,937	19	8	3	5
Subtotal forest products, wood and chips	312	157	147	2	0	5	1	5
4110 rubber & gums	1	1	0	—	—	—	—	—
4150 fuel wood	2	2	1	—	—	—	—	—
4161 wood chips	3	1	3	—	—	—	—	—
4170 wood in the rough	68	18	50	0	—	—	—	—
4189 lumber	215	116	92	2	—	5	1	4
4190 forest products nec	22	19	2	0	0	1	0	1
Subtotal pulp and waste paper	1,620	31	1,589	—	—	—	—	—
4225 pulp & waste paper	1,620	31	1,589	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,463	526	2	2,934	—	—	—	—
4310 building stone	44	43	0	1	—	—	—	—
4322 limestone	2	2	0	—	—	—	—	—
4323 gypsum	476	476	0	—	—	—	—	—
4331 sand & gravel	2,941	6	2	2,934	—	—	—	—
Subtotal iron ore and scrap	3,538	0	3,535	—	—	3	3	0
4410 iron ore	—	—	1,447	—	—	—	—	—
4420 iron & steel scrap	2,091	0	2,088	—	—	3	3	0
Subtotal marine shells	0	0	0	—	—	—	—	—
4515 marine shells	0	0	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	212	86	126	—	—	0	0	—
4650 aluminum ore	84	83	0	—	—	—	—	—
4680 non-ferrous scrap	125	0	125	—	—	0	0	—
4690 non-ferrous ores nec	3	2	0	—	—	—	—	—
Subtotal sulphur, clay and salt	327	13	295	—	19	—	—	—
4741 sulphur, (dry)	312	2	291	—	19	—	—	—
4782 clay & refrac. mat.	16	11	4	—	—	—	—	—
Subtotal slag	62	62	—	—	—	—	—	—
4860 slag	62	62	—	—	—	—	—	—
Subtotal other non-metal. min.	353	233	120	0	0	0	—	0
4900 non-metal. min. nec	353	233	120	0	0	0	—	0
Total primary manufactured goods	2,330	1,800	509	1	1	20	3	17
Subtotal paper products	292	225	63	0	0	4	1	3
5110 newsprint	3	0	3	—	—	—	—	—
5120 paper & paperboard	162	133	29	0	0	—	—	—
5190 paper products nec	127	92	31	0	—	4	1	3
Subtotal lime, cement and glass	527	456	69	1	1	0	—	0
5210 lime	0	0	—	—	—	—	—	—
5220 cement & concrete	19	18	0	—	—	—	—	—
5240 glass & glass prod.	334	275	59	0	—	—	—	—
5290 misc. mineral prod.	174	163	9	1	1	0	—	0
Subtotal primary iron and steel products	422	392	27	0	—	3	0	3
5312 pig iron	3	2	1	—	—	—	—	—
5315 ferro alloys	1	1	0	—	—	—	—	—
5320 i&s primary forms	75	70	5	—	—	—	—	—
5330 i&s plates & sheets	245	229	16	—	—	—	—	—
5360 i&s bars & shapes	21	19	2	0	—	—	—	—
5370 i&s pipe & tube	64	59	2	—	—	3	0	3
5390 primary i&s nec	13	12	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	1,012	672	328	0	0	12	2	11
5421 copper	134	130	5	—	—	—	—	—
5422 aluminum	21	16	5	0	—	—	—	—

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
5429 smelted prod. nec	290	8	282	—	—	—	—	—
5480 fab. metal products	567	518	37	0	0	12	2	11
Subtotal primary wood products	77	55	23	0	—	0	0	0
5540 primarv wood prod.	77	55	23	0	—	0	0	0
Total food and farm products	9,693	3,473	5,574	11	5	629	196	433
Subtotal fish	104	52	51	0	—	0	—	0
6134 fish (not shellfish)	44	29	15	0	—	0	—	0
6136 shellfish	60	24	37	—	—	—	—	—
Subtotal grain	1,055	156	850	—	1	49	—	49
6241 wheat	10	4	5	—	—	—	—	—
6344 corn	25	3	22	—	—	—	—	—
6442 rice	989	117	822	—	1	49	—	49
6443 barley & rye	1	1	0	—	—	—	—	—
6445 oats	0	0	0	—	—	—	—	—
6447 sorghum grains	30	30	0	—	—	—	—	—
Subtotal oilseeds	239	190	49	0	—	—	—	—
6521 peanuts	3	0	3	—	—	—	—	—
6522 soybeans	105	70	36	0	—	—	—	—
6534 flaxseed	1	1	—	—	—	—	—	—
6590 oilseeds nec	130	119	11	—	—	—	—	—
Subtotal vegetable products	1,181	641	512	4	0	24	2	22
6653 vegetable oils	441	416	25	0	—	—	—	—
6654 vegetables & prod.	740	225	487	4	0	24	2	22
Subtotal processed grain and animal feed	811	103	697	0	0	10	1	9
6746 wheat flour	8	5	3	0	—	0	—	0
6747 grain mill products	137	34	103	—	0	0	—	0
6781 hay & fodder	344	1	341	—	—	2	—	2
6782 animal feed, prep.	322	64	251	0	—	8	1	7
Subtotal other agricultural products	6,304	2,331	3,415	6	4	546	193	354
6811 meat, fresh, frozen	723	52	649	—	0	23	—	23
6817 meat, prepared	42	2	40	—	—	—	—	—
6822 dairy products	208	32	160	0	—	16	—	16
6835 fish, prepared	13	11	2	0	—	0	—	0
6838 tallow, animal oils	12	0	12	—	—	—	—	—
6839 animals & prod. nec	125	4	113	—	0	8	6	2
6856 bananas & plantains	4	4	0	—	—	—	—	—
6857 fruit & nuts nec	1,388	62	1,321	0	0	5	5	—
6858 fruit juices	206	150	56	0	0	—	—	—
6861 sugar	568	429	2	—	—	136	136	—
6865 molasses	358	326	0	—	—	32	32	—
6871 coffee	191	183	7	0	—	1	1	0
6872 cocoa beans	30	27	3	0	—	—	—	—
6885 alcoholic beverages	1,184	762	402	1	4	15	0	15
6887 groceries	1	—	—	—	—	1	—	1
6888 water & ice	147	52	91	4	—	—	—	—
6889 food products nec	900	207	409	1	0	283	11	271
6891 tobacco & products	1	0	0	—	—	1	—	1
6893 cotton	120	0	119	—	—	—	—	—
6894 natural fibers nec	8	7	1	0	—	—	—	—
6899 farm products nec	76	21	29	0	0	26	2	24
Total all manufactured equipment, machinery and products	3,644	2,517	478	2	1	647	88	558
7110 machinery (not elec)	233	154	71	0	0	8	2	6
7120 electrical machinery	383	309	72	0	0	2	0	1
7210 vehicles & parts	504	379	56	0	0	68	14	55
7220 aircraft & parts	2	2	1	—	—	0	—	0
7230 ships & boats	3	2	1	0	—	0	0	0
7300 ordnance & access.	8	1	0	—	—	7	—	7
7400 manufac. wood prod.	126	68	13	1	—	44	21	23
7500 textile products	327	276	51	0	—	0	—	0
7600 rubber & plastic pr.	296	216	79	0	0	0	0	0
7900 manufac. prod. nec	1,763	1,109	135	0	0	517	51	466
Total unknown or not elsewhere classified	396	97	285	0	0	13	3	11
9900 unknown or nec	396	97	285	0	0	13	3	11
Ton-miles (x1000)	407,827	178,092	112,183	21,254	2,481	93,817	55,581	38,236

Tons All Traffic (x1000)
Ton-miles All Traffic (x1000)

67,971
407,827

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
2003	2,241	2006	2,133	2009	888	2012	845
2004	2,712	2007	1,913	2010	906		
2005	2,303	2008	1,386	2011	1,376		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
					Receipts	Shipments	
Total, all commodities	845	41	20	500	283	166	116
Total petroleum and petroleum products	15	---	---	---	15	15	---
Subtotal petroleum products	15	---	---	---	15	15	---
2340 residual fuel oil	15	---	---	---	15	15	---
Total chemicals and related products	15	14	1	---	---	---	---
Subtotal fertilizers	14	14	---	---	---	---	---
3110 nitrogenous fert.	12	12	---	---	---	---	---
3190 fert. & mixes nec	2	2	---	---	---	---	---
Subtotal other chemicals and related products	1	1	1	---	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---
3220 alcohols	0	---	0	---	---	---	---
3273 ammonia	0	0	---	---	---	---	---
3274 sodium hydroxide	0	0	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---	---
3276 metallic salts	0	0	---	---	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---	---
3284 medicines	0	0	0	---	---	---	---
3285 perfumes & cleansers	0	---	0	---	---	---	---
3286 plastics	0	0	0	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---
3299 chem. products nec	0	0	0	---	---	---	---
Total crude materials, inedible except fuels	727	0	6	500	221	146	75
Subtotal forest products, wood and chips	1	0	1	---	0	0	0
4170 wood in the rough	0	---	0	---	---	---	---
4189 lumber	1	0	0	---	0	0	0
4190 forest products nec	0	0	0	---	---	---	---
Subtotal pulp and waste paper	4	---	4	---	---	---	---
4225 pulp & waste paper	4	---	4	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	721	---	---	500	220	146	75
4331 sand & gravel	721	---	---	500	220	146	75
Subtotal iron ore and scrap	1	---	1	---	---	---	---
4420 iron & steel scrap	1	---	1	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	0	---	---	---	---
4650 aluminum ore	0	0	---	---	---	---	---
4680 non-ferrous scrap	0	---	0	---	---	---	---
Total primary manufactured goods	23	21	2	---	0	0	0
Subtotal paper products	1	1	0	---	---	---	---
5120 paper & paperboard	1	0	0	---	---	---	---
5190 paper products nec	0	0	0	---	---	---	---
Subtotal lime, cement and glass	0	0	---	---	0	0	0
5240 glass & glass prod.	0	0	---	---	---	---	---
5290 misc. mineral prod.	0	0	---	---	0	0	0
Subtotal primary iron and steel products	18	18	---	---	---	---	---
5320 i&s primary forms	2	2	---	---	---	---	---
5330 i&s plates & sheets	5	5	---	---	---	---	---
5360 i&s bars & shapes	1	1	---	---	---	---	---
5370 i&s pipe & tube	10	10	---	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	4	2	2	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---
5429 smelted prod. nec	2	0	2	---	---	---	---
5480 fab. metal products	2	2	0	---	---	---	---
Total food and farm products	57	0	10	---	46	5	41
Subtotal fish	0	0	---	---	---	---	---
6136 shellfish	0	0	---	---	---	---	---
Subtotal grain	0	0	0	---	---	---	---
6442 rice	0	0	0	---	---	---	---
Subtotal oilseeds	0	0	---	---	---	---	---
6522 soybeans	0	0	---	---	---	---	---
Subtotal vegetable products	1	0	1	---	---	---	---
6653 vegetable oils	0	0	---	---	---	---	---
6654 vegetables & prod.	1	---	1	---	---	---	---
Subtotal processed grain and animal feed	1	0	1	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---
6782 animal feed, prep.	0	0	0	---	---	---	---
Subtotal other agricultural products	55	0	8	---	46	5	41
6811 meat, fresh, frozen	1	---	1	---	---	---	---
6817 meat, prepared	0	---	0	---	---	---	---
6822 dairy products	1	---	1	---	---	---	---

SAN FRANCISCO HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
						Receipts	Shipments
6838 tallow, animal oils	5	—	5	—	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—	—
6857 fruit & nuts nec	1	—	1	—	—	—	—
6858 fruit juices	0	0	0	—	—	—	—
6865 molasses	46	—	—	—	46	5	41
6871 coffee	0	—	0	—	—	—	—
6885 alcoholic beverages	0	—	0	—	—	—	—
6889 food products nec	1	0	0	—	—	—	—
6899 farm products nec	0	—	0	—	—	—	—
Total all manufactured equipment, machinery and products	4	3	1	—	0	0	0
7110 machinery (not elec)	1	0	0	—	0	0	0
7120 electrical machinery	1	1	0	—	—	—	—
7210 vehicles & parts	0	0	0	—	—	—	—
7220 aircraft & parts	0	0	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—
7400 manufac. wood prod.	0	0	0	—	0	0	0
7500 textile products	0	0	—	—	—	—	—
7600 rubber & plastic pr.	0	0	0	—	—	—	—
7900 manufac. prod. nec	2	1	0	—	—	—	—
Total unknown or not elsewhere classified	3	3	1	—	—	—	—
9900 unknown or nec	3	3	1	—	—	—	—

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; 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
2003	1,319	2006	1,523	2009	907	2012	917
2004	1,423	2007	1,118	2010	1,045		
2005	1,306	2008	1,675	2011	896		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Internal
					Receipts
Total, all commodities	917	134	300	371	112
Total petroleum and petroleum products	3	—	—	—	3
Subtotal petroleum products	3	—	—	—	3
2340 residual fuel oil	3	—	—	—	3
Total crude materials, inedible except fuels	914	134	300	371	109
Subtotal soil, sand, gravel, rock and stone	532	52	—	371	109
4323 gypsum	52	52	—	—	—
4331 sand & gravel	480	—	—	371	109
Subtotal iron ore and scrap	300	—	300	—	—
4410 iron ore	54	—	54	—	—
4420 iron & steel scrap	246	—	246	—	—
Subtotal non-ferrous ores and scrap	46	46	—	—	—
4650 aluminum ore	46	46	—	—	—
Subtotal other non-metal. min.	35	35	—	—	—
4900 non-metal. min. nec	35	35	—	—	—
Total unknown or not elsewhere classified	0	—	—	0	—
9900 unknown or nec	0	—	—	0	—

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: 50.0 feet deep in the entrance channel to Oakland Outer Harbor, thence a channel and turning basin 50.0 feet deep in the Outer Harbor to Oakland Army Base; 50.0 feet deep in the entrance channel to Oakland Inner Harbor, 50.0 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
2003	12,627	2006	16,642	2009	17,406	2012	18,728
2004	15,660	2007	16,912	2010	18,610		
2005	16,627	2008	17,810	2011	18,495		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total coal	1	1	0	0	—
1100 coal & lignite	1	1	0	0	—

OAKLAND HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	132	63	60	8	—
Subtotal petroleum products	132	63	60	8	—
2211 gasoline	54	54	0	—	—
2330 distillate fuel oil	18	2	8	8	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	6	6	0	—	—
2429 naphtha & solvents	0	0	0	—	—
2430 asphalt, tar & pitch	0	—	0	—	—
2540 petroleum coke	52	1	51	—	—
2640 hydrocarbon & petrol gases. liquefied and gaseous	1	1	1	—	—
Total chemicals and related products	766	341	423	2	0
Subtotal fertilizers	29	16	12	1	—
3110 nitrogenous fert.	2	2	0	0	—
3120 phosphatic fert.	0	0	—	—	—
3130 potassic fert.	1	1	0	—	—
3190 fert. & mixes nec	26	13	12	1	—
Subtotal other chemicals and related products	737	326	411	1	0
3211 acyclic hydrocarbons	1	0	1	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	2	1	1	—	—
3220 alcohols	13	5	9	—	—
3230 carboxylic acids	25	23	2	—	—
3240 nitrogen func. comp.	15	8	7	0	—
3250 organo - inorg. comp.	8	4	4	—	—
3260 organic comp. nec	7	2	5	0	—
3272 sulphuric acid	1	0	1	—	—
3273 ammonia	1	0	0	—	—
3274 sodium hydroxide	2	2	0	—	—
3275 inorg. elem., oxides, & halogen salts	49	31	18	—	—
3276 metallic salts	58	46	12	0	0
3279 inorganic chem. nec	5	2	3	—	—
3281 radioactive material	5	2	2	—	—
3282 pigments & paints	17	7	10	—	—
3283 coloring mat. nec	3	2	1	—	—
3284 medicines	17	6	11	0	0
3285 perfumes & cleansers	47	14	33	0	0
3286 plastics	334	101	233	0	—
3291 pesticides	7	5	2	0	—
3292 starches, gluten, glue	64	48	16	—	—
3293 explosives	3	3	0	0	—
3297 chemical additives	5	2	2	0	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	48	11	37	0	—
Total crude materials, inedible except fuels	3,640	263	3,375	3	0
Subtotal forest products, wood and chips	306	157	147	2	0
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	2	2	1	—	—
4161 wood chips	3	1	3	—	—
4170 wood in the rough	68	18	50	0	—
4189 lumber	210	116	92	2	—
4190 forest products nec	21	19	2	0	0
Subtotal pulp and waste paper	1,616	31	1,584	—	—
4225 pulp & waste paper	1,616	31	1,584	—	—
Subtotal soil, sand, gravel, rock and stone	53	50	2	1	—
4310 building stone	44	43	0	1	—
4322 limestone	2	2	0	—	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	7	6	2	—	—
Subtotal iron ore and scrap	1,391	0	1,391	—	—
4420 iron & steel scrap	1,391	0	1,391	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	133	8	126	—	—
4650 aluminum ore	6	5	0	—	—
4680 non-ferrous scrap	125	0	125	—	—
4690 non-ferrous ores nec	3	2	0	—	—
Subtotal sulphur, clay and salt	11	7	5	—	—
4741 sulphur, (dry)	2	2	0	—	—
4782 clay & refrac. mat.	9	5	4	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	130	9	120	0	0
4900 non-metal. min. nec	130	9	120	0	0
Total primary manufactured goods	1,649	1,141	506	1	1
Subtotal paper products	287	225	62	0	0
5110 newsprint	3	0	3	—	—
5120 paper & paperboard	161	132	29	0	0
5190 paper products nec	123	92	31	0	—
Subtotal lime, cement and glass	526	456	69	1	1
5210 lime	0	0	—	—	—
5220 cement & concrete	19	18	0	—	—
5240 glass & glass prod.	334	275	59	0	—
5290 misc. mineral prod.	173	163	9	1	1
Subtotal primary iron and steel products	109	82	27	0	—
5312 pig iron	3	2	1	—	—
5315 ferro alloys	1	1	0	—	—

OAKLAND HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
5320 i&s primary forms	11	6	5	—	—
5330 i&s plates & sheets	25	9	16	—	—
5360 i&s bars & shapes	18	16	2	0	—
5370 i&s pipe & tube	39	37	2	—	—
5390 primary i&s nec	13	12	0	—	—
Subtotal primary non-ferrous metal products	650	324	326	0	0
5421 copper	11	6	5	—	—
5422 aluminum	21	16	5	0	—
5429 smelted prod. nec	284	3	280	—	—
5480 fab. metal products	335	298	36	0	0
Subtotal primary wood products	77	55	23	0	—
5540 primary wood prod.	77	55	23	0	—
Total food and farm products	7,162	2,134	5,011	11	5
Subtotal fish	104	52	51	0	—
6134 fish (not shellfish)	44	29	15	0	—
6136 shellfish	60	24	37	—	—
Subtotal grain	546	85	461	—	1
6241 wheat	10	4	5	—	—
6344 corn	25	3	22	—	—
6442 rice	511	76	434	—	1
6443 barley & rye	1	1	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	126	77	49	0	—
6521 peanuts	3	0	3	—	—
6522 soybeans	105	70	36	0	—
6534 flaxseed	1	1	—	—	—
6590 oilseeds nec	18	7	11	—	—
Subtotal vegetable products	738	241	493	4	0
6653 vegetable oils	54	46	7	0	—
6654 vegetables & prod.	684	195	486	4	0
Subtotal processed grain and animal feed	660	103	556	0	0
6746 wheat flour	7	5	3	0	—
6747 grain mill products	137	34	103	—	0
6781 hay & fodder	341	1	341	—	—
6782 animal feed, prep.	174	64	110	0	—
Subtotal other agricultural products	4,988	1,576	3,401	6	4
6811 meat, fresh, frozen	700	52	648	—	0
6817 meat, prepared	42	2	40	—	—
6822 dairy products	191	32	159	0	—
6835 fish, prepared	13	11	2	0	—
6838 tallow, animal oils	1	0	1	—	—
6839 animals & prod. nec	117	4	113	—	0
6856 bananas & plantains	4	4	0	—	—
6857 fruit & nuts nec	1,382	62	1,320	0	0
6858 fruit juices	206	150	56	0	0
6861 sugar	38	36	2	—	—
6865 molasses	1	1	0	—	—
6871 coffee	190	183	7	0	—
6872 cocoa beans	30	27	3	0	—
6885 alcoholic beverages	1,169	762	402	1	4
6888 water & ice	147	52	91	4	—
6889 food products nec	580	171	409	1	0
6891 tobacco & products	0	0	0	—	—
6893 cotton	120	0	119	—	—
6894 natural fibers nec	8	7	1	0	—
6899 farm products nec	50	21	29	0	0
Total all manufactured equipment, machinery and products	2,696	2,217	477	2	1
7110 machinery (not elec)	220	149	70	0	0
7120 electrical machinery	374	302	72	0	0
7210 vehicles & parts	152	97	56	0	0
7220 aircraft & parts	2	2	1	—	—
7230 ships & boats	2	1	1	0	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	82	68	13	1	—
7500 textile products	326	276	51	0	—
7600 rubber & plastic pr.	293	214	78	0	0
7900 manufac. prod. nec	1,244	1,108	135	0	0
Total unknown or not elsewhere classified	349	87	262	0	0
9900 unknown or nec	349	87	262	0	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	2,332	158	1,039	842	294
Total petroleum and petroleum products	918	0	3	625	289
Subtotal petroleum products	918	0	3	625	289
2330 distillate fuel oil	28	—	—	—	28
2340 residual fuel oil	887	—	—	625	261
2350 lube oil & greases	2	0	2	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—
2990 petro. products nec	1	—	1	—	—

OAKLAND HARBOR, CA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total chemicals and related products	13	1	12	---	---
Subtotal fertilizers	4	0	4	---	---
3190 fert. & mixes nec	4	0	4	---	---
Subtotal other chemicals and related products	8	1	7	---	---
3260 organic comp. nec	0	---	0	---	---
3282 pigments & paints	1	---	1	---	---
3285 perfumes & cleansers	1	---	1	---	---
3286 plastics	0	0	0	---	---
3291 pesticides	0	---	0	---	---
3292 starches, gluten, glue	0	---	0	---	---
3299 chem. products nec	6	1	5	---	---
Total crude materials, inedible except fuels	223	3	5	215	---
Subtotal forest products, wood and chips	6	1	5	0	---
4189 lumber	5	1	4	0	---
4190 forest products nec	1	0	1	---	---
Subtotal soil, sand, gravel, rock and stone	215	---	---	215	---
4331 sand & gravel	215	---	---	215	---
Subtotal iron ore and scrap	3	3	0	---	---
4420 iron & steel scrap	3	3	0	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---	---
4680 non-ferrous scrap	0	0	---	---	---
Subtotal other non-metal. min.	0	---	0	---	---
4900 non-metal. min. nec	0	---	0	---	---
Total primary manufactured goods	20	3	17	0	---
Subtotal paper products	4	1	3	---	---
5190 paper products nec	4	1	3	---	---
Subtotal lime, cement and glass	0	---	0	0	---
5290 misc. mineral prod.	0	---	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	12	2	11	---	---
5480 fab. metal products	12	2	11	---	---
Subtotal primary wood products	0	0	0	---	---
5540 primary wood prod.	0	0	0	---	---
Total food and farm products	497	60	433	---	3
Subtotal fish	0	---	0	---	---
6134 fish (not shellfish)	0	---	0	---	---
Subtotal grain	49	---	49	---	---
6442 rice	49	---	49	---	---
Subtotal vegetable products	24	2	22	---	---
6654 vegetables & prod.	24	2	22	---	---
Subtotal processed grain and animal feed	10	1	9	---	---
6746 wheat flour	0	---	0	---	---
6747 grain mill products	0	---	0	---	---
6781 hay & fodder	2	---	2	---	---
6782 animal feed, prep.	8	1	7	---	---
Subtotal other agricultural products	413	56	354	---	3
6811 meat, fresh, frozen	23	---	23	---	---
6822 dairy products	16	---	16	---	---
6835 fish, prepared	0	---	0	---	---
6839 animals & prod. nec	8	6	2	---	---
6857 fruit & nuts nec	5	5	---	---	---
6865 molasses	35	32	---	---	3
6871 coffee	1	1	0	---	---
6885 alcoholic beverages	15	0	15	---	---
6887 groceries	1	---	1	---	---
6889 food products nec	283	11	271	---	---
6891 tobacco & products	1	---	1	---	---
6899 farm products nec	26	2	24	---	---
Total all manufactured equipment, machinery and products	649	88	558	2	1
7110 machinery (not elec)	10	1	6	2	1
7120 electrical machinery	2	0	1	---	---
7210 vehicles & parts	68	14	55	---	---
7220 aircraft & parts	0	---	0	---	---
7230 ships & boats	0	0	0	---	---
7300 ordnance & access.	7	---	7	---	---
7400 manufac. wood prod.	44	21	23	0	---
7500 textile products	0	---	0	---	---
7600 rubber & plastic pr.	0	0	0	---	---
7900 manufac. prod. nec	517	51	466	---	---
Total unknown or not elsewhere classified	13	3	11	---	---
9900 unknown or nec	13	3	11	---	---

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
2003	23,001	2006	25,629	2009	25,363	2012	22,556
2004	25,161	2007	24,992	2010	24,178		
2005	24,513	2008	26,357	2011	24,256		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	12,653	9,176	2,525	629	323
Total petroleum and petroleum products	10,154	8,302	1,488	43	321
Subtotal crude petroleum	5,849	5,849	—	—	—
2100 crude petroleum	5,849	5,849	—	—	—
Subtotal petroleum products	4,305	2,453	1,488	43	321
2211 gasoline	586	155	147	20	263
2221 kerosene	45	45	—	—	—
2330 distillate fuel oil	2,822	1,955	786	23	58
2340 residual fuel oil	410	217	193	—	—
2350 lube oil & greases	9	—	9	—	—
2410 petro. jelly & waxes	66	66	—	—	—
2429 naphtha & solvents	14	14	—	—	—
2430 asphalt, tar & pitch	17	—	17	—	—
2540 petroleum coke	335	0	335	—	—
2640 hydrocarbon & petrol gases, liquefied and azeous	0	—	0	—	—
Total chemicals and related products	252	155	96	—	1
Subtotal other chemicals and related products	252	155	96	—	1
3211 acyclic hydrocarbons	64	—	64	—	—
3212 benzene & toluene	16	14	—	—	1
3220 alcohols	15	10	4	—	—
3230 carboxylic acids	8	8	—	—	—
3274 sodium hydroxide	123	123	—	—	—
3275 inorg. elem., oxides, & halogen salts	16	—	16	—	—
3286 plastics	10	—	10	—	—
3297 chemical additives	1	—	1	—	—
3299 chem. products nec	0	—	0	—	—
Total crude materials, inedible except fuels	1,679	174	919	586	—
Subtotal soil, sand, gravel, rock and stone	754	168	—	586	—
4323 gypsum	168	168	—	—	—
4331 sand & gravel	586	—	—	586	—
Subtotal iron ore and scrap	919	—	919	—	—
4410 iron ore	496	—	496	—	—
4420 iron & steel scrap	423	—	423	—	—
Subtotal sulphur, clay and salt	7	7	—	—	—
4782 clay & refrac. mat.	7	7	—	—	—
Total food and farm products	445	425	20	—	—
Subtotal vegetable products	374	358	16	—	—
6653 vegetable oils	374	358	16	—	—
Subtotal other agricultural products	71	67	4	—	—
6838 tallow, animal oils	4	—	4	—	—
6865 molasses	33	33	—	—	—
6889 food products nec	34	34	—	—	—
Total all manufactured equipment, machinery and products	119	119	0	0	—
7110 machinery (not elec)	0	0	—	—	—
7210 vehicles & parts	117	117	0	0	—
7600 rubber & plastic pr.	2	2	—	—	—
Total unknown or not elsewhere classified	3	—	3	—	—
9900 unknown or nec	3	—	3	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	9,903	5,066	2,717	639	1,166	315
Total petroleum and petroleum products	9,857	5,066	2,674	635	1,166	315
Subtotal crude petroleum	1,945	1,945	—	—	—	—
2100 crude petroleum	1,945	1,945	—	—	—	—
Subtotal petroleum products	7,911	3,120	2,674	635	1,166	315
2211 gasoline	2,791	1,088	1,496	39	168	—
2330 distillate fuel oil	1,608	979	307	260	36	26
2340 residual fuel oil	3,132	1,022	562	326	962	260
2350 lube oil & greases	336	4	303	—	—	29

RICHMOND HARBOR, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
2429 naphtha & solvents	44	27	6	11	—	—
Total chemicals and related products	43	—	43	—	—	—
Subtotal other chemicals and related products	43	—	43	—	—	—
3211 acyclic hydrocarbons	10	—	10	—	—	—
3220 alcohols	24	—	24	—	—	—
3299 chem. products nec	9	—	9	—	—	—
Total crude materials, inedible except fuels	3	—	—	3	0	—
Subtotal forest products, wood and chips	0	—	—	0	0	—
4189 lumber	0	—	—	0	0	—
Subtotal soil, sand, gravel, rock and stone	3	—	—	3	—	—
4331 sand & gravel	3	—	—	3	—	—
Total primary manufactured goods	0	—	—	0	0	—
Subtotal lime, cement and glass	0	—	—	0	0	—
5290 misc. mineral prod.	0	—	—	0	0	—
Total all manufactured equipment, machinery and products	0	—	—	0	0	—
7110 machinery (not elec)	0	—	—	0	0	—
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
2003	24,601	2006	31,458	2009	23,491	2012	28,497
2004	25,383	2007	28,504	2010	22,269		
2005	28,358	2008	26,490	2011	25,705		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	20,520	945	527	13,137	5,211	78	33	539	51
Total coal	35	—	—	—	35	—	—	—	—
1100 coal & lignite	35	—	—	—	35	—	—	—	—
Total petroleum and petroleum products	15,177	945	527	9,696	3,405	—	33	539	31
Subtotal crude petroleum	11,025	938	—	9,549	—	—	—	539	—
2100 crude petroleum	11,025	938	—	9,549	—	—	—	539	—
Subtotal petroleum products	4,152	8	527	147	3,405	—	33	—	31
2211 gasoline	479	—	82	—	365	—	—	—	31
2330 distillate fuel oil	1,945	8	401	115	1,388	—	33	—	—
2340 residual fuel oil	36	—	—	—	36	—	—	—	—
2429 naphtha & solvents	172	—	43	—	129	—	—	—	—
2540 petroleum coke	1,488	—	—	—	1,488	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	32	—	—	32	—	—	—	—	—
Total chemicals and related products	1,171	—	—	1,168	2	—	—	—	—
Subtotal fertilizers	697	—	—	697	—	—	—	—	—
3110 nitrogenous fert.	630	—	—	630	—	—	—	—	—
3130 potassic fert.	32	—	—	32	—	—	—	—	—
3190 fert. & mixes nec	36	—	—	36	—	—	—	—	—
Subtotal other chemicals and related products	474	—	—	471	2	—	—	—	—
3211 acyclic hydrocarbons	2	—	—	—	2	—	—	—	—
3220 alcohols	140	—	—	140	—	—	—	—	—
3273 ammonia	272	—	—	272	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	5	—	—	5	—	—	—	—	—
3276 metallic salts	53	—	—	53	—	—	—	—	—
3283 coloring mat. nec	0	—	—	0	—	—	—	—	—
Total crude materials, inedible except fuels	1,849	—	—	538	1,214	78	—	—	19
Subtotal soil, sand, gravel, rock and stone	334	—	—	256	—	78	—	—	—
4323 gypsum	256	—	—	256	—	—	—	—	—
4331 sand & gravel	78	—	—	—	—	78	—	—	—
Subtotal iron ore and scrap	924	—	—	—	924	—	—	—	—
4410 iron ore	897	—	—	—	897	—	—	—	—
4420 iron & steel scrap	26	—	—	—	26	—	—	—	—
Subtotal non-ferrous ores and scrap	32	—	—	32	—	—	—	—	—
4650 aluminum ore	32	—	—	32	—	—	—	—	—

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Subtotal sulphur, clay and salt	309	---	---	---	290	---	---	---	19
4741 sulphur, (dry)	309	---	---	---	290	---	---	---	19
Subtotal slag	62	---	---	62	---	---	---	---	---
4860 slag	62	---	---	62	---	---	---	---	---
Subtotal other non-metal. min.	188	---	---	188	---	---	---	---	---
4900 non-metal. min. nec	188	---	---	188	---	---	---	---	---
Total primary manufactured goods	638	---	---	638	0	---	---	---	---
Subtotal paper products	0	---	---	---	0	---	---	---	---
5190 paper products nec	0	---	---	---	0	---	---	---	---
Subtotal primary iron and steel products	292	---	---	292	---	---	---	---	---
5320 i&s primary forms	62	---	---	62	---	---	---	---	---
5330 i&s plates & sheets	216	---	---	216	---	---	---	---	---
5360 i&s bars & shapes	3	---	---	3	---	---	---	---	---
5370 i&s pipe & tube	12	---	---	12	---	---	---	---	---
Subtotal primary non-ferrous metal products	346	---	---	346	---	---	---	---	---
5421 copper	124	---	---	124	---	---	---	---	---
5429 smelted prod. nec	4	---	---	4	---	---	---	---	---
5480 fab. metal products	217	---	---	217	---	---	---	---	---
Total food and farm products	1,447	---	---	913	534	---	---	---	---
Subtotal grain	459	---	---	71	389	---	---	---	---
6442 rice	429	---	---	41	389	---	---	---	---
6447 sorghum grains	30	---	---	30	---	---	---	---	---
Subtotal oilseeds	113	---	---	113	---	---	---	---	---
6590 oilseeds nec	113	---	---	113	---	---	---	---	---
Subtotal vegetable products	44	---	---	41	3	---	---	---	---
6653 vegetable oils	14	---	---	11	3	---	---	---	---
6654 vegetables & prod.	30	---	---	30	---	---	---	---	---
Subtotal processed grain and animal feed	140	---	---	---	140	---	---	---	---
6782 animal feed, prep.	140	---	---	---	140	---	---	---	---
Subtotal other agricultural products	690	---	---	688	2	---	---	---	---
6838 tallow, animal oils	2	---	---	---	2	---	---	---	---
6861 sugar	394	---	---	394	---	---	---	---	---
6865 molasses	292	---	---	292	---	---	---	---	---
6889 food products nec	2	---	---	2	---	---	---	---	---
Total all manufactured equipment, machinery and products	178	0	---	177	0	---	---	0	0
7110 machinery (not elec)	4	0	---	4	---	---	---	---	---
7120 electrical machinery	7	---	---	7	---	---	---	---	---
7210 vehicles & parts	166	---	---	165	---	---	---	---	0
7230 ships & boats	1	0	---	1	---	---	0	---	---
7600 rubber & plastic pr.	0	---	---	---	0	---	---	---	---
7900 manufac. prod. nec	0	---	---	0	0	---	---	---	---
Total unknown or not elsewhere classified	27	---	---	7	20	---	---	---	---
9900 unknown or nec	27	---	---	7	20	---	---	---	---
Ton-miles	204,426	9,453	5,266	131,371	52,110	0	331	5,385	510
Foreign & Canadian (x1000)									

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	6,656	599	144	3,440	2,473
Total coal	60	---	---	60	---
1100 coal & lignite	60	---	---	60	---
Total petroleum and petroleum products	6,313	599	144	3,207	2,363
Subtotal crude petroleum	2,170	552	---	1,618	---
2100 crude petroleum	2,170	552	---	1,618	---
Subtotal petroleum products	4,143	47	144	1,589	2,363
2211 gasoline	2,276	30	67	532	1,646
2330 distillate fuel oil	1,376	14	77	956	329
2340 residual fuel oil	102	---	---	52	50
2350 lube oil & greases	18	---	---	13	6
2429 naphtha & solvents	371	3	---	37	331
Total chemicals and related products	147	---	---	38	109
Subtotal fertilizers	15	---	---	15	---
3110 nitrogenous fert.	15	---	---	15	---
Subtotal other chemicals and related products	132	---	---	23	109
3220 alcohols	109	---	---	---	109
3299 chem. products nec	23	---	---	23	---
Total food and farm products	136	---	---	136	---
Subtotal other agricultural products	136	---	---	136	---
6861 sugar	136	---	---	136	---

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Ton-miles (x1000) Coastwise	66,561	5,989	1,442	34,404	24,725

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,321	5	1	136	199	720	260
Total petroleum and petroleum products	761	5	---	134	198	266	159
Subtotal petroleum products	761	5	---	134	198	266	159
2211 gasoline	282	---	---	75	10	168	29
2330 distillate fuel oil	328	---	---	60	179	36	53
2340 residual fuel oil	141	5	---	---	9	62	66
2429 naphtha & solvents	11	---	---	---	---	---	11
Total crude materials, inedible except fuels	512	0	0	0	0	413	99
Subtotal forest products, wood and chips	1	0	0	0	0	---	0
4189 lumber	1	0	0	0	0	---	0
Subtotal soil, sand, gravel, rock and stone	479	---	---	---	---	380	99
4331 sand & gravel	479	---	---	---	---	380	99
Subtotal marine shells	33	---	---	---	---	33	---
4515 marine shells	33	---	---	---	---	33	---
Total primary manufactured goods	1	0	0	0	0	---	0
Subtotal lime, cement and glass	1	0	0	0	0	---	0
5290 misc. mineral prod.	1	0	0	0	0	---	0
Total food and farm products	43	---	---	---	---	41	2
Subtotal other agricultural products	43	---	---	---	---	41	2
6865 molasses	43	---	---	---	---	41	2
Total all manufactured equipment, machinery and products	3	0	1	1	1	0	0
7110 machinery (not elec)	3	0	1	1	1	0	---
7400 manufac. wood prod.	1	0	0	0	0	---	0
Ton-miles (x1000) Internal	10,317	45	13	13	1,977	5,981	2,289
Tons All Traffic (x1000)	28,497						
Ton-miles All Traffic (x1000)	281,306						
Total Trip-ton-miles Internal and Intraport (x1000)	50,934						

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
2003	22,458	2006	28,512	2009	21,923	2012	25,813
2004	23,262	2007	25,962	2010	20,597		
2005	26,011	2008	24,397	2011	23,478		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Downbnd
				Upbound	Downbnd			
Total, all commodities	18,938	10,370	1,275	2,767	3,936	539	31	20
Total coal	35	---	---	---	35	---	---	---
1100 coal & lignite	35	---	---	---	35	---	---	---
Total petroleum and petroleum products	13,672	9,665	1,273	32	2,132	539	31	---
Subtotal crude petroleum	10,088	9,549	---	---	---	539	---	---
2100 crude petroleum	10,088	9,549	---	---	---	539	---	---
Subtotal petroleum products	3,584	115	1,273	32	2,132	---	31	---
2211 gasoline	396	---	299	---	65	---	31	---
2330 distillate fuel oil	1,503	115	591	---	797	---	---	---
2340 residual fuel oil	36	---	36	---	---	---	---	---
2429 naphtha & solvents	129	---	48	---	80	---	---	---
2540 petroleum coke	1,488	---	298	---	1,189	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	32	---	---	32	---	---	---	---
Total chemicals and related products	1,171	129	---	1,039	2	---	---	---
Subtotal fertilizers	697	---	---	697	---	---	---	---
3110 nitrogenous fert.	630	---	---	630	---	---	---	---
3130 potassic fert.	32	---	---	32	---	---	---	---
3190 fert. & mixes nec	36	---	---	36	---	---	---	---
Subtotal other chemicals and related products	474	129	---	342	2	---	---	---
3211 acyclic hydrocarbons	2	---	---	---	2	---	---	---
3220 alcohols	140	129	---	11	---	---	---	---
3273 ammonia	272	---	---	272	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	5	---	---	5	---	---	---	---

CARQUINEZ STRAIT, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Downbnd
				Upbound	Downbnd			
3276 metallic salts	53	---	---	53	---	---	---	---
3283 coloring mat. nec	0	---	---	0	---	---	---	---
Total crude materials, inedible except fuels	1,771	32	---	506	1,214	---	---	19
Subtotal soil, sand, gravel, rock and stone	256	---	---	256	---	---	---	---
4323 gypsum	256	---	---	256	---	---	---	---
Subtotal iron ore and scrap	924	---	---	---	924	---	---	---
4410 iron ore	897	---	---	---	897	---	---	---
4420 iron & steel scrap	26	---	---	---	26	---	---	---
Subtotal non-ferrous ores and scrap	32	32	---	---	---	---	---	---
4650 aluminum ore	32	32	---	---	---	---	---	---
Subtotal sulphur, clay and salt	309	---	---	---	290	---	---	19
4741 sulphur, (dry)	309	---	---	---	290	---	---	19
Subtotal slag	62	---	---	62	---	---	---	---
4860 slag	62	---	---	62	---	---	---	---
Subtotal other non-metal. min.	188	---	---	188	---	---	---	---
4900 non-metal. min. nec	188	---	---	188	---	---	---	---
Total primary manufactured goods	638	---	---	638	0	---	---	---
Subtotal paper products	0	---	---	---	0	---	---	---
5190 paper products nec	0	---	---	---	0	---	---	---
Subtotal primary iron and steel products	292	---	---	292	---	---	---	---
5320 i&s primary forms	62	---	---	62	---	---	---	---
5330 i&s plates & sheets	216	---	---	216	---	---	---	---
5360 i&s bars & shapes	3	---	---	3	---	---	---	---
5370 i&s pipe & tube	12	---	---	12	---	---	---	---
Subtotal primary non-ferrous metal products	346	---	---	346	---	---	---	---
5421 copper	124	---	---	124	---	---	---	---
5429 smelted prod. nec	4	---	---	4	---	---	---	---
5480 fab. metal products	217	---	---	217	---	---	---	---
Total food and farm products	1,447	384	2	529	532	---	---	---
Subtotal grain	459	---	---	71	389	---	---	---
6442 rice	429	---	---	41	389	---	---	---
6447 sorghum grains	30	---	---	30	---	---	---	---
Subtotal oilseeds	113	---	---	113	---	---	---	---
6590 oilseeds nec	113	---	---	113	---	---	---	---
Subtotal vegetable products	44	---	---	41	3	---	---	---
6653 vegetable oils	14	---	---	11	3	---	---	---
6654 vegetables & prod.	30	---	---	30	---	---	---	---
Subtotal processed grain and animal feed	140	---	---	---	140	---	---	---
6782 animal feed, prep.	140	---	---	---	140	---	---	---
Subtotal other agricultural products	690	384	2	304	---	---	---	---
6838 tallow, animal oils	2	---	2	---	---	---	---	---
6861 sugar	394	384	---	9	---	---	---	---
6865 molasses	292	---	---	292	---	---	---	---
6889 food products nec	2	---	---	2	---	---	---	---
Total all manufactured equipment, machinery and products	178	160	---	17	0	0	---	0
7110 machinery (not elec)	4	---	---	4	---	---	---	---
7120 electrical machinery	7	---	---	7	---	---	---	---
7210 vehicles & parts	166	160	---	5	---	---	---	0
7230 ships & boats	1	0	---	1	---	0	---	---
7600 rubber & plastic pr.	0	---	---	---	0	---	---	---
7900 manufac. prod. nec	0	---	---	0	0	---	---	---
Total unknown or not elsewhere classified	27	---	---	7	20	---	---	---
9900 unknown or nec	27	---	---	7	20	---	---	---
Ton-miles (x1000)	129,124	69,902	8,175	19,371	27,549	3,770	220	137
Foreign & Canadian								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	5,913	3,029	2,181	412	291
Total coal	60	---	---	60	---
1100 coal & lignite	60	---	---	60	---
Total petroleum and petroleum products	5,570	2,892	2,072	314	291
Subtotal crude petroleum	1,618	1,469	---	148	---
2100 crude petroleum	1,618	1,469	---	148	---
Subtotal petroleum products	3,952	1,423	2,072	166	291
2211 gasoline	2,178	446	1,539	86	107
2330 distillate fuel oil	1,285	891	282	65	47
2340 residual fuel oil	102	41	43	11	7
2350 lube oil & greases	18	9	3	4	2
2429 naphtha & solvents	368	37	204	---	127
Total chemicals and related products	147	---	109	38	---
Subtotal fertilizers	15	---	---	15	---
3110 nitrogenous fert.	15	---	---	15	---
Subtotal other chemicals and related products	132	---	109	23	---
3220 alcohols	109	---	109	---	---

CARQUINEZ STRAIT, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
3299 chem. products nec	23	—	—	23	—
Total food and farm products	136	136	—	—	—
Subtotal other agricultural products	136	136	—	—	—
6861 sugar	136	136	—	—	—
Ton-miles (x1000)	35,920	18,517	12,481	2,883	2,039
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	963	179	25	140	372	167	50	32	
Total petroleum and petroleum products	665	177	25	138	222	21	50	32	
Subtotal petroleum products	665	177	25	138	222	21	50	32	
2211 gasoline	330	81	25	29	162	—	27	7	
2330 distillate fuel oil	172	43	—	32	53	21	23	—	
2340 residual fuel oil	153	54	—	66	8	—	—	24	
2429 naphtha & solvents	11	—	—	11	—	—	—	—	
Total crude materials, inedible except fuels	252	0	—	0	108	144	—	—	
Subtotal forest products, wood and chips	1	0	—	0	0	0	—	—	
4189 lumber	1	0	—	0	0	0	—	—	
Subtotal soil, sand, gravel, rock and stone	228	—	—	—	84	144	—	—	
4331 sand & gravel	228	—	—	—	84	144	—	—	
Subtotal marine shells	23	—	—	—	23	—	—	—	
4515 marine shells	23	—	—	—	23	—	—	—	
Total primary manufactured goods	1	0	—	0	0	0	—	—	
Subtotal lime, cement and glass	1	0	—	0	0	0	—	—	
5290 misc. mineral prod.	1	0	—	0	0	0	—	—	
Total food and farm products	43	—	—	—	41	2	—	—	
Subtotal other agricultural products	43	—	—	—	41	2	—	—	
6865 molasses	43	—	—	—	41	2	—	—	
Total all manufactured equipment, machinery and products	2	1	—	1	0	0	—	—	
7110 machinery (not elec)	1	1	—	1	0	0	—	—	
7400 manufac. wood prod.	1	0	—	0	0	0	—	—	
Ton-miles (x1000)	5,730	1,009	147	724	2,602	1,167	50	32	
Internal									
Tons All Traffic (x1000)	25,813								
Ton-miles All Traffic (x1000)	170,774								
Total Trip-ton-miles Internal and Intraport (x1000)	32,273								

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
2003	8,155	2006	10,563	2009	6,297	2012	8,002
2004	8,407	2007	8,585	2010	5,912		
2005	9,498	2008	6,626	2011	7,841		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign			Canadian
		Outbound	Through		Through Downbnd
			Upbound	Downbnd	
Total, all commodities	6,723	831	2,767	3,105	20
Total coal	35	—	—	35	—
1100 coal & lignite	35	—	—	35	—
Total petroleum and petroleum products	2,164	831	32	1,301	—
Subtotal petroleum products	2,164	831	32	1,301	—
2211 gasoline	65	65	—	—	—
2330 distillate fuel oil	797	685	—	112	—
2429 naphtha & solvents	80	80	—	—	—
2540 petroleum coke	1,189	—	—	1,189	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	32	—	32	—	—
Total chemicals and related products	1,042	—	1,039	2	—
Subtotal fertilizers	697	—	697	—	—
3110 nitrogenous fert.	630	—	630	—	—
3130 potassic fert.	32	—	32	—	—
3190 fert. & mixes nec	36	—	36	—	—
Subtotal other chemicals and related products	344	—	342	2	—
3211 acyclic hydrocarbons	2	—	—	2	—

SUISUN BAY CHANNEL, CA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign			Canadian
		Outbound	Through		Through
			Upbound	Downbnd	Downbnd
3220 alcohols	11	—	11	—	—
3273 ammonia	272	—	272	—	—
3275 inorg. elem., oxides, & halogen salts	5	—	5	—	—
3276 metallic salts	53	—	53	—	—
3283 coloring mat. nec	0	—	0	—	—
Total crude materials, inedible except fuels	1,739	—	506	1,214	19
Subtotal soil, sand, gravel, rock and stone	256	—	256	—	—
4323 gypsum	256	—	256	—	—
Subtotal iron ore and scrap	924	—	—	924	—
4410 iron ore	897	—	—	897	—
4420 iron & steel scrap	26	—	—	26	—
Subtotal sulphur, clay and salt	309	—	—	290	19
4741 sulphur, (dry)	309	—	—	290	19
Subtotal slag	62	—	62	—	—
4860 slag	62	—	62	—	—
Subtotal other non-metal. min.	188	—	188	—	—
4900 non-metal. min. nec	188	—	188	—	—
Total primary manufactured goods	638	—	638	0	—
Subtotal paper products	0	—	—	0	—
5190 paper products nec	0	—	—	0	—
Subtotal primary iron and steel products	292	—	292	—	—
5320 i&s primary forms	62	—	62	—	—
5330 i&s plates & sheets	216	—	216	—	—
5360 i&s bars & shapes	3	—	3	—	—
5370 i&s pipe & tube	12	—	12	—	—
Subtotal primary non-ferrous metal products	346	—	346	—	—
5421 copper	124	—	124	—	—
5429 smelted prod. nec	4	—	4	—	—
5480 fab. metal products	217	—	217	—	—
Total food and farm products	1,060	—	529	532	—
Subtotal grain	459	—	71	389	—
6442 rice	429	—	41	389	—
6447 sorghum grains	30	—	30	—	—
Subtotal oilseeds	113	—	113	—	—
6590 oilseeds nec	113	—	113	—	—
Subtotal vegetable products	44	—	41	3	—
6653 vegetable oils	14	—	11	3	—
6654 vegetables & prod.	30	—	30	—	—
Subtotal processed grain and animal feed	140	—	—	140	—
6782 animal feed, prep.	140	—	—	140	—
Subtotal other agricultural products	304	—	304	—	—
6861 sugar	9	—	9	—	—
6865 molasses	292	—	292	—	—
6889 food products nec	2	—	2	—	—
Total all manufactured equipment, machinery and products	18	—	17	0	0
7110 machinery (not elec)	4	—	4	—	—
7120 electrical machinery	7	—	7	—	—
7210 vehicles & parts	6	—	5	—	0
7230 ships & boats	1	—	1	—	—
7600 rubber & plastic pr.	0	—	—	0	—
7900 manufac. prod. nec	0	—	0	0	—
Total unknown or not elsewhere classified	27	—	7	20	—
9900 unknown or nec	27	—	7	20	—
Ton-miles (x1000)	90,039	1,661	41,510	46,574	293
Foreign & Canadian					

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Upbound
Total, all commodities	703	311	291	101
Total coal	60	—	—	60
1100 coal & lignite	60	—	—	60
Total petroleum and petroleum products	606	311	291	4
Subtotal crude petroleum	148	148	—	—
2100 crude petroleum	148	148	—	—
Subtotal petroleum products	457	162	291	4
2211 gasoline	194	86	107	—
2330 distillate fuel oil	112	65	47	—
2340 residual fuel oil	19	11	7	—
2350 lube oil & greases	6	—	2	4
2429 naphtha & solvents	127	—	127	—
Total chemicals and related products	38	—	—	38
Subtotal fertilizers	15	—	—	15
3110 nitrogenous fert.	15	—	—	15
Subtotal other chemicals and related products	23	—	—	23
3299 chem. products nec	23	—	—	23
Ton-miles (x1000)	2,434	517	401	1,516
Coastwise				

SUISUN BAY CHANNEL, CA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	576	293	7	106	103	60	6	
Total petroleum and petroleum products	271	247	---	21	---	---	3	
Subtotal petroleum products	271	247	---	21	---	---	3	
2211 gasoline	190	186	---	---	---	---	3	
2330 distillate fuel oil	73	53	---	21	---	---	---	
2340 residual fuel oil	8	8	---	---	---	---	---	
Total crude materials, inedible except fuels	262	46	7	86	61	58	3	
Subtotal forest products, wood and chips	0	---	---	---	0	0	---	
4189 lumber	0	---	---	---	0	0	---	
Subtotal soil, sand, gravel, rock and stone	238	46	7	86	38	58	3	
4331 sand & gravel	238	46	7	86	38	58	3	
Subtotal marine shells	23	---	---	---	23	---	---	
4515 marine shells	23	---	---	---	23	---	---	
Total primary manufactured goods	0	---	---	---	0	0	---	
Subtotal lime, cement and glass	0	---	---	---	0	0	---	
5290 misc. mineral prod.	0	---	---	---	0	0	---	
Total food and farm products	43	---	---	---	41	2	---	
Subtotal other agricultural products	43	---	---	---	41	2	---	
6865 molasses	43	---	---	---	41	2	---	
Total all manufactured equipment, machinery and products	0	---	---	---	0	0	---	
7110 machinery (not elec)	0	---	---	---	0	0	---	
7400 manufac. wood prod.	0	---	---	---	0	0	---	
Ton-miles (x1000)	3,473	271	50	670	1,543	905	33	
Internal								
Tons All Traffic (x1000)	8,002							
Ton-miles All Traffic (x1000)	95,946							
Total Trip-ton-miles Internal and Intraport (x1000)	24,183							

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
2003	292	2006	546	2009	398	2012	318
2004	292	2007	638	2010	310		
2005	332	2008	712	2011	381		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Domestic
		Inbound Upbound
Total, all commodities	318	318
Total crude materials, inedible except fuels	318	318
Subtotal soil, sand, gravel, rock and stone	308	308
4331 sand & gravel	308	308
Subtotal marine shells	10	10
4515 marine shells	10	10
Ton-miles (x1000)	3,496	3,496
Tons All Traffic (x1000)	318	
Ton-miles All Traffic (x1000)	3,496	
Total Trip-ton-miles Internal and Intraport (x1000)	15,812	

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
2003	1,042	2006	956	2009	313	2012	417
2004	1,010	2007	722	2010	339		
2005	1,063	2008	507	2011	447		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic			
		Outbound	Total	Coastwise		Internal Intraport
			Receipts	Shipments		
Total, all commodities	417	54	362	224	130	8
Total petroleum and petroleum products	238	—	238	215	15	8
Subtotal petroleum products	238	—	238	215	15	8
2211 gasoline	73	—	73	73	—	—
2330 distillate fuel oil	74	—	74	66	—	8
2340 residual fuel oil	91	—	91	76	15	—
Total crude materials, inedible except fuels	179	54	125	9	115	—
Subtotal forest products, wood and chips	179	54	125	9	115	—
4161 wood chips	115	—	115	—	115	—
4170 wood in the rough	64	54	9	9	—	—

Other Harbors and Waterways 2012

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	56
	Total Tons(x1000)	56
	Total Ton-miles(x1000)	556
	Total Trip-ton-miles Internal and Intraport (x1000)	1,819
NOYO RIVER, CA	No Commerce Reported	
PILLAR POINT HARBOR, CA	No Commerce Reported	
SAN LEANDRO MARINA, CA	4515 marine shells	33
	Total Tons(x1000)	33
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)	2340 residual fuel oil	263
	4189 lumber	0
	4331 sand & gravel	2,350
	4515 marine shells	33
	5290 misc. mineral prod.	0
	7110 machinery (not elec)	2
	7400 manufac. wood prod.	0
	Total Tons(x1000)	2,649
	Total Ton-miles(x1000)	2,649
	Total Trip-ton-miles Internal and Intraport (x1000)	39,108

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
2003	1,850	2006	2,408	2009	1,088	2012	1,968
2004	1,850	2007	2,782	2010	1,135		
2005	1,996	2008	2,068	2011	1,984		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Total	Coastwise		
				Receipts	Shipments	
Total, all commodities	1,968	12	1,956	1,299	656	
Total petroleum and petroleum products	421	12	408	408	---	
Subtotal petroleum products	421	12	408	408	---	
2211 gasoline	214	---	214	214	---	
2330 distillate fuel oil	98	---	98	98	---	
2340 residual fuel oil	87	---	87	87	---	
2350 lube oil & greases	0	---	0	0	---	
2429 naphtha & solvents	2	---	2	2	---	
2640 hydrocarbon & petrol gases, liquefied and gaseous	19	12	7	7	---	
Total chemicals and related products	9	---	9	9	0	
Subtotal fertilizers	1	---	1	1	---	
3190 fert. & mixes nec	1	---	1	1	---	
Subtotal other chemicals and related products	8	---	8	8	0	
3220 alcohols	8	---	8	8	---	
3285 perfumes & cleansers	0	---	0	0	---	
3286 plastics	0	---	0	---	0	
3299 chem. products nec	0	---	0	0	0	
Total crude materials, inedible except fuels	8	---	8	5	4	
Subtotal forest products, wood and chips	6	---	6	4	2	
4189 lumber	6	---	6	4	2	
4190 forest products nec	0	---	0	0	---	
Subtotal pulp and waste paper	1	---	1	---	1	
4225 pulp & waste paper	1	---	1	---	1	
Subtotal soil, sand, gravel, rock and stone	0	---	0	0	---	
4338 soil & fill dirt	0	---	0	0	---	
Subtotal iron ore and scrap	1	---	1	1	0	
4420 iron & steel scrap	1	---	1	1	0	
Total primary manufactured goods	27	---	27	24	3	
Subtotal paper products	2	---	2	1	0	
5190 paper products nec	2	---	2	1	0	
Subtotal lime, cement and glass	17	---	17	17	0	
5220 cement & concrete	14	---	14	14	---	
5240 glass & glass prod.	0	---	0	0	0	
5290 misc. mineral prod.	2	---	2	2	0	
Subtotal primary iron and steel products	1	---	1	0	0	
5360 i&s bars & shapes	0	---	0	0	0	
5370 i&s pipe & tube	0	---	0	0	0	
Subtotal primary non-ferrous metal products	8	---	8	5	2	
5480 fab. metal products	8	---	8	5	2	
Subtotal primary wood products	0	---	0	0	0	
5540 primary wood prod.	0	---	0	0	0	
Total food and farm products	32	---	32	15	16	
Subtotal grain	0	---	0	0	---	
6442 rice	0	---	0	0	---	
Subtotal vegetable products	4	---	4	2	2	
6654 vegetables & prod.	4	---	4	2	2	
Subtotal processed grain and animal feed	1	---	1	1	---	
6781 hay & fodder	0	---	0	0	---	
6782 animal feed, prep.	0	---	0	0	---	
Subtotal other agricultural products	27	---	27	13	14	
6811 meat, fresh, frozen	1	---	1	1	---	
6839 animals & prod. nec	1	---	1	0	1	
6871 coffee	0	---	0	---	0	
6885 alcoholic beverages	4	---	4	4	0	
6887 groceries	17	---	17	5	12	
6889 food products nec	5	---	5	4	1	
6891 tobacco & products	0	---	0	0	---	
6899 farm products nec	1	---	1	---	1	
Total all manufactured equipment, machinery and products	1,471	---	1,471	838	633	
7110 machinery (not elec)	6	---	6	1	5	
7120 electrical machinery	0	---	0	0	0	
7210 vehicles & parts	102	---	102	68	34	
7230 ships & boats	0	---	0	0	0	
7400 manufac. wood prod.	6	---	6	5	1	
7600 rubber & plastic pr.	0	---	0	0	---	
7900 manufac. prod. nec	1.358	---	1.358	764	593	
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	
9900 unknown or nec	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
2003	1,801	2006	2,728	2009	1,112	2012	1,837
2004	2,277	2007	2,558	2010	1,050		
2005	2,217	2008	2,063	2011	1,811		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
Total, all commodities	1,837	11	1,826	1,128	698
Total petroleum and petroleum products	1	---	1	1	---
Subtotal petroleum products	1	---	1	1	---
2350 lube oil & greases	1	---	1	1	---
Total chemicals and related products	8	---	8	8	0
Subtotal fertilizers	7	---	7	7	---
3190 fert. & mixes nec	7	---	7	7	---
Subtotal other chemicals and related products	1	---	1	1	0
3282 pigments & paints	0	---	0	0	---
3285 perfumes & cleansers	0	---	0	0	---
3286 plastics	0	---	0	---	0
3293 explosives	0	---	0	0	---
3299 chem. products nec	1	---	1	1	0
Total crude materials, inedible except fuels	51	11	40	24	16
Subtotal forest products, wood and chips	37	11	26	24	2
4170 wood in the rough	11	11	---	---	---
4189 lumber	25	---	25	23	2
4190 forest products nec	1	---	1	1	---
Subtotal pulp and waste paper	7	---	7	---	7
4225 pulp & waste paper	7	---	7	---	7
Subtotal soil, sand, gravel, rock and stone	0	---	0	0	---
4338 soil & fill dirt	0	---	0	0	---
Subtotal iron ore and scrap	7	---	7	0	7
4420 iron & steel scrap	7	---	7	0	7
Total primary manufactured goods	46	---	46	43	3
Subtotal paper products	8	---	8	8	1
5190 paper products nec	8	---	8	8	1
Subtotal lime, cement and glass	29	---	29	29	0
5220 cement & concrete	28	---	28	28	---
5240 glass & glass prod.	0	---	0	0	0
5290 misc. mineral prod.	1	---	1	1	---
Subtotal primary iron and steel products	2	---	2	1	0
5360 i&s bars & shapes	1	---	1	0	0
5370 i&s pipe & tube	1	---	1	1	---
Subtotal primary non-ferrous metal products	7	---	7	4	2
5480 fab. metal products	7	---	7	4	2
Subtotal primary wood products	0	---	0	0	0
5540 primary wood prod.	0	---	0	0	0
Total food and farm products	113	---	113	75	38
Subtotal fish	0	---	0	0	0
6134 fish (not shellfish)	0	---	0	0	0
Subtotal grain	3	---	3	3	---
6442 rice	3	---	3	3	---
Subtotal vegetable products	10	---	10	8	2
6654 vegetables & prod.	10	---	10	8	2
Subtotal processed grain and animal feed	9	---	9	9	---
6781 hay & fodder	2	---	2	2	---
6782 animal feed, prep.	7	---	7	7	---
Subtotal other agricultural products	91	---	91	56	36
6811 meat, fresh, frozen	4	---	4	4	0
6839 animals & prod. nec	7	---	7	2	6
6871 coffee	1	---	1	---	1
6885 alcoholic beverages	18	---	18	18	0
6887 groceries	4	---	4	2	2
6889 food products nec	50	---	50	24	26
6899 farm products nec	6	---	6	5	1
Total all manufactured equipment, machinery and products	1,617	---	1,617	978	639
7110 machinery (not elec)	28	---	28	2	27
7120 electrical machinery	2	---	2	1	1
7210 vehicles & parts	74	---	74	47	28
7230 ships & boats	1	---	1	0	1
7400 manufac. wood prod.	32	---	32	26	6
7500 textile products	0	---	0	0	---
7600 rubber & plastic pr.	1	---	1	0	0
7900 manufac. prod. nec	1,479	---	1,479	902	576
Total waste and scrap nec	1	---	1	0	1
8900 waste and scrap nec	1	---	1	0	1
Total unknown or not elsewhere classified	0	---	0	0	0
9900 unknown or nec	0	---	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
2003	3,778	2006	4,794	2009	2,139	2012	4,711
2004	3,901	2007	5,630	2010	2,114		
2005	4,132	2008	3,958	2011	3,504		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Total	Coastwise		
				Receipts	Shipments	
Total, all commodities	4,711	15	4,696	2,747	1,949	
Total coal	60	—	60	—	60	
1100 coal & lignite	60	—	60	—	60	
Total petroleum and petroleum products	481	11	469	467	2	
Subtotal petroleum products	481	11	469	467	2	
2211 gasoline	215	—	215	215	—	
2330 distillate fuel oil	180	—	180	180	—	
2340 residual fuel oil	65	—	65	63	2	
2350 lube oil & greases	0	—	0	0	0	
2640 hydrocarbon & petrol gases, liquefied and gaseous	20	11	9	9	—	
2990 petro. products nec	0	—	0	0	—	
Total chemicals and related products	11	—	11	11	0	
Subtotal fertilizers	2	—	2	2	—	
3190 fert. & mixes nec	2	—	2	2	—	
Subtotal other chemicals and related products	9	—	9	9	0	
3220 alcohols	9	—	9	9	—	
3285 perfumes & cleansers	0	—	0	0	—	
3286 plastics	0	—	0	—	0	
3293 explosives	0	—	0	0	—	
3299 chem. products nec	0	—	0	0	0	
Total crude materials, inedible except fuels	9	—	9	3	6	
Subtotal forest products, wood and chips	3	—	3	3	0	
4189 lumber	3	—	3	3	0	
4190 forest products nec	0	—	0	0	—	
Subtotal pulp and waste paper	4	—	4	—	4	
4225 pulp & waste paper	4	—	4	—	4	
Subtotal iron ore and scrap	2	—	2	1	2	
4420 iron & steel scrap	2	—	2	1	2	
Total primary manufactured goods	57	2	55	50	5	
Subtotal paper products	2	—	2	2	0	
5190 paper products nec	2	—	2	2	0	
Subtotal lime, cement and glass	41	—	41	41	0	
5220 cement & concrete	38	—	38	38	—	
5240 glass & glass prod.	0	—	0	0	0	
5290 misc. mineral prod.	3	—	3	3	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	0	—	0	0	—	
Subtotal primary non-ferrous metal products	12	2	10	6	4	
5480 fab. metal products	12	2	10	6	4	
Subtotal primary wood products	1	—	1	0	0	
5540 primary wood prod.	1	—	1	0	0	
Total food and farm products	230	—	230	53	177	
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	5	—	5	5	1	
6654 vegetables & prod.	5	—	5	5	1	
Subtotal processed grain and animal feed	1	—	1	1	—	
6781 hay & fodder	0	—	0	0	—	
6782 animal feed, prep.	1	—	1	1	—	
Subtotal other agricultural products	222	—	222	46	176	
6811 meat, fresh, frozen	2	—	2	2	—	
6839 animals & prod. nec	2	—	2	1	1	
6861 sugar	136	—	136	—	136	
6865 molasses	27	—	27	—	27	
6871 coffee	0	—	0	—	0	
6885 alcoholic beverages	10	—	10	10	0	
6887 groceries	14	—	14	9	5	
6889 food products nec	28	—	28	21	7	
6899 farm products nec	3	—	3	3	—	
Total all manufactured equipment, machinery and products	3,863	2	3,861	2,163	1,698	
7110 machinery (not elec)	1	0	1	1	0	
7120 electrical machinery	2	1	1	0	0	
7210 vehicles & parts	169	—	169	102	67	
7230 ships & boats	1	—	1	1	0	
7400 manufac. wood prod.	15	—	15	12	3	
7600 rubber & plastic pr.	0	—	0	0	0	
7900 manufac. prod. nec	3,675	—	3,675	2,047	1,627	
Total waste and scrap nec	1	—	1	—	1	
8900 waste and scrap nec	1	—	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
2003	5,930	2006	10,724	2009	9,670	2012	10,046
2004	6,086	2007	11,295	2010	9,171		
2005	6,344	2008	10,137	2011	9,800		

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, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Upbound
		Inbound	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	10,046	7,399	245	264	2,139	439	1,700	1
Total coal	719	719	---	---	---	---	---	---
1100 coal & lignite	719	719	---	---	---	---	---	---
Total petroleum and petroleum products	8,487	6,368	113	87	1,919	336	1,582	1
Subtotal crude petroleum	6,401	6,362	---	---	39	---	39	---
2100 crude petroleum	6,401	6,362	---	---	39	---	39	---
Subtotal petroleum products	2,086	6	113	87	1,881	336	1,543	1
2211 gasoline	683	---	39	---	643	25	619	---
2330 distillate fuel oil	747	---	30	12	706	179	527	---
2340 residual fuel oil	399	---	---	---	399	132	266	1
2429 naphtha & solvents	160	---	44	---	116	---	116	---
2540 petroleum coke	81	6	---	75	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	17	---	---	---	17	1	16	---
Total chemicals and related products	48	0	---	---	48	32	16	---
Subtotal other chemicals and related products	48	0	---	---	48	32	16	---
3220 alcohols	48	---	---	---	48	32	16	---
3285 perfumes & cleansers	0	0	---	---	---	---	---	---
3286 plastics	0	---	---	---	0	0	---	---
Total crude materials, inedible except fuels	338	4	131	177	25	25	---	---
Subtotal forest products, wood and chips	24	---	---	---	24	24	---	---
4170 wood in the rough	3	---	---	---	3	3	---	---
4189 lumber	21	---	---	---	21	21	---	---
Subtotal soil, sand, gravel, rock and stone	178	---	---	177	1	1	---	---
4323 gypsum	1	---	---	---	1	1	---	---
4331 sand & gravel	178	---	---	177	1	1	---	---
Subtotal iron ore and scrap	131	---	131	---	---	---	---	---
4420 iron & steel scrap	131	---	131	---	---	---	---	---
Subtotal slag	4	4	---	---	---	---	---	---
4860 slag	4	4	---	---	---	---	---	---
Total primary manufactured goods	435	295	---	---	140	40	100	---
Subtotal paper products	2	---	---	---	2	2	---	---
5190 paper products nec	2	---	---	---	2	2	---	---
Subtotal lime, cement and glass	402	295	---	---	108	8	100	---
5220 cement & concrete	395	295	---	---	100	---	100	---
5290 misc. mineral prod.	8	---	---	---	8	8	---	---
Subtotal primary iron and steel products	6	---	---	---	6	6	---	---
5360 i&s bars & shapes	6	---	---	---	6	6	---	---
Subtotal primary non-ferrous metal products	16	0	---	---	16	16	0	---
5480 fab. metal products	16	0	---	---	16	16	0	---
Subtotal primary wood products	8	---	---	---	8	8	---	---
5540 primary wood prod.	8	---	---	---	8	8	---	---
Total food and farm products	0	0	---	---	0	0	---	---
Subtotal fish	0	0	---	---	---	---	---	---
6136 shellfish	0	0	---	---	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---	---	---
6654 vegetables & prod.	0	0	---	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	0	0	---	---
6857 fruit & nuts nec	0	0	---	---	---	---	---	---
6858 fruit juices	0	---	---	---	0	0	---	---
6885 alcoholic beverages	0	0	---	---	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	15	8	---	---	7	5	1	---
7110 machinery (not elec)	9	3	---	---	5	4	1	---
7120 electrical machinery	0	0	---	---	---	---	---	---
7210 vehicles & parts	4	4	---	---	0	0	---	---
7230 ships & boats	0	0	---	---	0	0	0	---
7400 manufac. wood prod.	0	0	---	---	---	---	---	---
7900 manufac. prod. nec	2	1	---	---	1	1	---	---

BARBERS POINT HARBOR, OAHU, HI
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
					Receipts	Shipments	Intra Upbound	
Total unknown or not elsewhere classified	5	5	---	---	---	---	---	
9900 unknown or nec	5	5	---	---	---	---	---	
Tons All Traffic (x1000)		10,046						
Total Trip-ton-miles Internal and Intraport (x1000)		1						

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
2003	17,836	2006	16,224	2009	9,161	2012	14,321
2004	19,085	2007	17,582	2010	8,903		
2005	20,394	2008	14,006	2011	12,658		

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, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
						Receipts	Shipments	
Total, all commodities	14,321	800	142	20	5	13,352	7,379	5,973
Total petroleum and petroleum products	742	487	41	---	5	209	185	24
Subtotal petroleum products	742	487	41	---	5	209	185	24
2211 gasoline	537	486	---	---	5	45	33	12
2330 distillate fuel oil	144	0	41	---	---	103	103	---
2340 residual fuel oil	30	---	---	---	---	30	30	---
2350 lube oil & greases	6	0	---	---	---	6	4	2
2429 naphtha & solvents	0	0	---	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	14	0	---	---	---	14	6	8
2990 petro. products nec	11	---	---	---	---	11	9	2
Total chemicals and related products	261	65	4	---	---	193	157	36
Subtotal fertilizers	37	1	0	---	---	37	24	13
3130 potassic fert.	0	0	---	---	---	---	---	---
3190 fert. & mixes nec	37	0	0	---	---	37	24	13
Subtotal other chemicals and related products	224	64	4	---	---	156	133	23
3220 alcohols	161	54	---	---	---	107	92	15
3230 carboxylic acids	0	0	---	---	---	---	---	---
3240 nitrogen func. comp.	0	0	---	---	---	---	---	---
3260 organic comp. nec	0	0	0	---	---	0	0	---
3274 sodium hydroxide	0	0	---	---	---	0	---	0
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---	---	---
3276 metallic salts	2	2	0	---	---	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---	---	---
3281 radioactive material	0	---	0	---	---	---	---	---
3282 pigments & paints	6	0	0	---	---	6	5	1
3283 coloring mat. nec	0	0	---	---	---	---	---	---
3284 medicines	0	0	---	---	---	---	---	---
3285 perfumes & cleansers	18	1	2	---	---	16	15	1
3286 plastics	12	5	2	---	---	5	5	---
3291 pesticides	0	0	---	---	---	0	0	0
3292 starches, gluten, glue	0	0	---	---	---	0	0	---
3293 explosives	0	0	---	---	---	0	---	0
3299 chem. products nec	23	1	0	---	---	22	15	7
Total crude materials, inedible except fuels	295	7	27	---	---	261	208	53
Subtotal forest products, wood and chips	209	3	1	---	---	205	161	43
4161 wood chips	0	---	0	---	---	---	---	---
4170 wood in the rough	1	0	0	---	---	1	1	---
4189 lumber	189	2	1	---	---	185	143	42
4190 forest products nec	19	1	---	---	---	18	17	1
Subtotal pulp and waste paper	30	0	14	---	---	16	16	0
4225 pulp & waste paper	30	0	14	---	---	16	16	0
Subtotal soil, sand, gravel, rock and stone	22	3	---	---	---	18	18	0
4310 building stone	2	2	---	---	---	0	0	---
4322 limestone	0	0	---	---	---	---	---	---
4331 sand & gravel	20	2	---	---	---	18	18	0
4338 soil & fill dirt	0	---	---	---	---	0	0	0

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Subtotal iron ore and scrap	26	0	5	---	---	21	12	9
4420 iron & steel scrap	26	0	5	---	---	21	12	9
Subtotal marine shells	0	0	0	---	---	---	---	---
4515 marine shells	0	0	0	---	---	---	---	---
Subtotal non-ferrous ores and scrap	2	0	2	---	---	---	---	---
4650 aluminum ore	0	0	---	---	---	---	---	---
4670 manganese ore	0	---	0	---	---	---	---	---
4680 non-ferrous scrap	2	0	2	---	---	---	---	---
Subtotal sulphur, clay and salt	4	0	4	---	---	---	---	---
4741 sulphur, (dry)	4	---	4	---	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---	---	---	---
Subtotal other non-metal. min.	1	0	0	---	---	1	1	0
4900 non-metal. min. nec	1	0	0	---	---	1	1	0
Total primary manufactured goods	439	121	24	---	---	294	230	64
Subtotal paper products	110	11	1	---	---	98	81	17
5110 newsprint	0	---	---	---	---	0	0	---
5120 paper & paperboard	7	7	0	---	---	---	---	---
5190 paper products nec	103	4	1	---	---	98	81	17
Subtotal lime, cement and glass	154	102	0	---	---	51	38	14
5220 cement & concrete	91	91	---	---	---	0	---	0
5240 glass & glass prod.	4	2	0	---	---	2	1	0
5290 misc. mineral prod.	60	10	0	---	---	50	36	13
Subtotal primary iron and steel products	33	1	0	---	---	32	26	5
5320 i&s primary forms	0	0	0	---	---	---	---	---
5330 i&s plates & sheets	0	0	---	---	---	---	---	---
5360 i&s bars & shapes	21	0	---	---	---	20	17	3
5370 i&s pipe & tube	12	0	0	---	---	11	9	2
5390 primary i&s nec	0	0	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	125	6	22	---	---	97	71	26
5421 copper	0	0	0	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---
5429 smelted prod. nec	24	2	22	---	---	0	0	---
5480 fab. metal products	101	4	0	---	---	97	71	26
Subtotal primary wood products	17	1	0	---	---	16	14	2
5540 primary wood prod.	17	1	0	---	---	16	14	2
Total food and farm products	1,632	56	34	20	---	1,520	1,117	404
Subtotal fish	4	4	0	---	---	0	0	0
6134 fish (not shellfish)	3	3	0	---	---	0	0	0
6136 shellfish	1	1	0	---	---	---	---	---
Subtotal grain	95	3	2	20	---	70	49	21
6241 wheat	21	0	1	20	---	---	---	---
6344 corn	0	---	0	---	---	---	---	---
6442 rice	74	3	1	---	---	70	49	21
Subtotal oilseeds	1	1	---	---	---	0	0	---
6521 peanuts	0	0	---	---	---	---	---	---
6522 soybeans	1	1	---	---	---	---	---	---
6590 oilseeds nec	0	0	---	---	---	0	0	---
Subtotal vegetable products	134	8	0	---	---	127	105	22
6653 vegetable oils	0	0	---	---	---	0	0	---
6654 vegetables & prod.	134	7	0	---	---	127	105	22
Subtotal processed grain and animal feed	63	3	0	---	---	59	40	19
6746 wheat flour	1	0	0	---	---	0	0	---
6747 grain mill products	4	3	0	---	---	1	1	---
6781 hay & fodder	7	---	---	---	---	7	5	3
6782 animal feed, prep.	51	0	0	---	---	50	34	17
Subtotal other agricultural products	1,334	38	32	---	---	1,264	923	342
6811 meat, fresh, frozen	71	4	0	---	---	67	56	11
6817 meat, prepared	1	1	---	---	---	---	---	---
6822 dairy products	30	0	0	---	---	29	29	---
6835 fish, prepared	1	1	---	---	---	0	0	---
6839 animals & prod. nec	25	1	0	---	---	24	12	11
6856 bananas & plantains	3	0	---	---	---	3	3	0
6857 fruit & nuts nec	12	3	2	---	---	7	---	7
6858 fruit juices	5	4	1	---	---	0	0	---
6861 sugar	0	0	---	---	---	---	---	---
6865 molasses	62	---	---	---	---	62	27	35
6871 coffee	3	0	0	---	---	2	2	1
6872 cocoa beans	0	0	---	---	---	---	---	---
6885 alcoholic beverages	196	9	0	---	---	186	144	42
6887 groceries	42	---	---	---	---	42	20	22
6888 water & ice	25	2	23	---	---	---	---	---
6889 food products nec	818	12	6	---	---	800	599	201
6891 tobacco & products	2	0	---	---	---	2	1	0
6893 cotton	0	0	---	---	---	---	---	---
6894 natural fibers nec	0	0	---	---	---	---	---	---
6899 farm products nec	39	0	---	---	---	39	29	10
Total all manufactured equipment, machinery and products	10,924	63	6	---	---	10,855	5,466	5,389
7110 machinery (not elec)	91	2	1	---	---	88	76	12
7120 electrical machinery	36	8	0	---	---	28	16	12
7210 vehicles & parts	608	16	1	---	---	592	269	323
7220 aircraft & parts	0	0	---	---	---	0	0	0
7230 ships & boats	2	0	0	---	---	2	1	1

HONOLULU HARBOR, OAHU, HI
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
7300 ordnance & access.	14	—	—	—	—	14	14	—
7400 manufac. wood prod.	346	2	0	—	—	344	221	123
7500 textile products	5	4	1	—	—	0	0	0
7600 rubber & plastic pr.	21	9	1	—	—	12	7	4
7900 manufac. prod. nec	9,800	23	1	—	—	9,776	4,863	4,914
Total waste and scrap nec	4	—	—	—	—	4	4	0
8900 waste and scrap nec	4	—	—	—	—	4	4	0
Total unknown or not elsewhere classified	24	1	6	—	—	17	13	4
9900 unknown or nec	24	1	6	—	—	17	13	4

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
2003	1,721	2006	1,864	2009	951	2012	1,947
2004	1,757	2007	2,333	2010	877		
2005	1,977	2008	1,680	2011	1,667		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
Total, all commodities	1,947	10	—	1,938	1,208	729
Total petroleum and petroleum products	116	10	—	106	105	2
Subtotal petroleum products	116	10	—	106	105	2
2211 gasoline	97	—	—	97	97	0
2330 distillate fuel oil	3	—	—	3	3	—
2350 lube oil & greases	0	—	—	0	0	—
2429 naphtha & solvents	0	—	—	0	0	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	16	10	—	6	4	1
2990 petro. products nec	0	—	—	0	0	—
Total chemicals and related products	3	—	—	3	3	0
Subtotal fertilizers	3	—	—	3	3	—
3190 fert. & mixes nec	3	—	—	3	3	—
Subtotal other chemicals and related products	0	—	—	0	0	0
3286 plastics	0	—	—	0	—	0
3293 explosives	0	—	—	0	0	—
3299 chem. products nec	0	—	—	0	0	0
Total crude materials, inedible except fuels	9	—	—	9	2	7
Subtotal forest products, wood and chips	1	—	—	1	1	0
4189 lumber	1	—	—	1	1	0
4190 forest products nec	0	—	—	0	0	—
Subtotal pulp and waste paper	4	—	—	4	—	4
4225 pulp & waste paper	4	—	—	4	—	4
Subtotal iron ore and scrap	3	—	—	3	0	3
4420 iron & steel scrap	3	—	—	3	0	3
Total primary manufactured goods	36	—	—	36	32	4
Subtotal paper products	1	—	—	1	1	0
5190 paper products nec	1	—	—	1	1	0
Subtotal lime, cement and glass	27	—	—	27	27	—
5220 cement & concrete	20	—	—	20	20	—
5240 glass & glass prod.	0	—	—	0	0	—
5290 misc. mineral prod.	6	—	—	6	6	—
Subtotal primary iron and steel products	2	—	—	2	2	0
5360 i&s bars & shapes	1	—	—	1	1	0
5370 i&s pipe & tube	0	—	—	0	0	—
Subtotal primary non-ferrous metal products	7	—	—	7	3	4
5480 fab. metal products	7	—	—	7	3	4
Subtotal primary wood products	0	—	—	0	0	0
5540 primary wood prod.	0	—	—	0	0	0
Total food and farm products	23	—	—	23	20	4
Subtotal grain	0	—	—	0	0	—
6442 rice	0	—	—	0	0	—
Subtotal vegetable products	0	—	—	0	0	0
6654 vegetables & prod.	0	—	—	0	0	0
Subtotal processed grain and animal feed	1	—	—	1	0	1
6781 hay & fodder	0	—	—	0	0	—
6782 animal feed, prep.	1	—	—	1	0	1
Subtotal other agricultural products	22	—	—	22	18	3
6811 meat, fresh, frozen	0	—	—	0	0	—
6839 animals & prod. nec	2	—	—	2	1	1
6885 alcoholic beverages	6	—	—	6	6	—
6887 groceries	8	—	—	8	7	1
6889 food products nec	5	—	—	5	4	1
6899 farm products nec	0	—	—	0	0	—
Total all manufactured equipment, machinery and products	1,759	—	—	1,759	1,048	712
7110 machinery (not elec)	1	—	—	1	0	0
7120 electrical machinery	1	—	—	1	1	0

NAWILIWILI HARBOR, KAUAI, HI
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic		
			Total	Coastwise	
				Receipts	Shipments
7210 vehicles & parts	109	—	109	67	42
7220 aircraft & parts	0	—	0	—	0
7230 ships & boats	0	—	0	0	0
7400 manufac. wood prod.	15	—	15	12	3
7600 rubber & plastic pr.	1	—	1	0	0
7900 manufac. prod. nec	1,633	—	1,633	967	666
Total waste and scrap nec	1	—	1	—	1
8900 waste and scrap nec	1	—	1	—	1
Total unknown or not elsewhere classified	0	—	0	—	0
9900 unknown or nec	0	—	0	—	0

Other Harbors and Waterways 2012

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	2330 distillate fuel oil	0
	Total Tons(x1000)	<hr/>
PORT ALLEN HARBOR, KAUAI, HI	No Commerce Reported	0
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
2003	6,452	2006	6,509	2009	5,725	2012	5,787
2004	6,707	2007	6,889	2010	5,503		
2005	6,252	2008	4,871	2011	5,244		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	5,787	1,220	1,315	159	3,094
Total petroleum and petroleum products	1,270	1,196	15	60	---
Subtotal petroleum products	1,270	1,196	15	60	---
2211 gasoline	555	496	9	50	---
2330 distillate fuel oil	18	18	---	---	---
2340 residual fuel oil	697	682	6	10	---
Total chemicals and related products	29	24	---	5	---
Subtotal fertilizers	29	24	---	5	---
3110 nitrogenous fert.	29	24	---	5	---
Total crude materials, inedible except fuels	306	---	---	91	216
Subtotal forest products, wood and chips	178	---	---	91	87
4150 fuel wood	51	---	---	51	---
4161 wood chips	126	---	---	39	87
Subtotal iron ore and scrap	129	---	---	---	129
4420 iron & steel scrap	129	---	---	---	129
Total primary manufactured goods	17	---	---	0	17
Subtotal paper products	17	---	---	---	17
5120 paper & paperboard	17	---	---	---	17
Subtotal primary iron and steel products	0	---	---	0	---
5360 i&s bars & shades	0	---	---	0	---
Total food and farm products	4,164	---	1,300	3	2,861
Subtotal grain	4,068	---	1,300	3	2,766
6241 wheat	4,021	---	1,287	3	2,730
6344 corn	7	---	7	---	---
6443 barley & rye	40	---	5	---	35
6447 sorghum grains	0	---	---	---	0
Subtotal vegetable products	96	---	---	---	96
6654 vegetables & prod.	96	---	---	---	96
Subtotal processed grain and animal feed	0	---	---	---	0
6781 hay & fodder	0	---	---	---	0
Total all manufactured equipment, machinery and products	0	---	---	---	0
7900 manufac. prod. nec	0	---	---	---	0
Ton-miles (x1000)	193,632	46,354	33,427	5,557	108,293

Tons All Traffic (x1000) 5,787
 Ton-miles All Traffic (x1000) 193,632
 Total Trip-ton-miles Internal and Intraport (x1000) 1,682,523

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
2003	5,339	2006	5,242	2009	4,399	2012	3,253
2004	5,774	2007	5,415	2010	3,384		
2005	5,286	2008	3,701	2011	2,716		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Outbound	Through
		Upbound	Downbnd	Downbnd
Total, all commodities	3,253	159	2,226	868
Total petroleum and petroleum products	60	60	---	---
Subtotal petroleum products	60	60	---	---
2211 gasoline	50	50	---	---
2340 residual fuel oil	10	10	---	---
Total chemicals and related products	5	5	---	---
Subtotal fertilizers	5	5	---	---
3110 nitrogenous fert.	5	5	---	---
Total crude materials, inedible except fuels	306	91	216	---
Subtotal forest products, wood and chips	178	91	87	---
4150 fuel wood	51	51	---	---
4161 wood chips	126	39	87	---
Subtotal iron ore and scrap	129	---	129	---
4420 iron & steel scrap	129	---	129	---

SNAKE RIVER, OR, WA AND ID
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Outbound	Through
		Upbound	Downbnd	Downbnd
Total primary manufactured goods	17	0	---	17
Subtotal paper products	17	---	---	17
5120 paper & paperboard	17	---	---	17
Subtotal primary iron and steel products	0	0	---	---
5360 i&s bars & shapes	0	0	---	---
Total food and farm products	2,864	3	2,010	851
Subtotal grain	2,769	3	2,010	756
6241 wheat	2,733	3	1,988	742
6443 barley & rye	35	---	22	13
6447 sorghum grains	0	---	---	0
Subtotal vegetable products	96	---	---	96
6654 vegetables & prod.	96	---	---	96
Subtotal processed grain and animal feed	0	---	---	0
6781 hav & fodder	0	---	---	0
Total all manufactured equipment, machinery and products	0	---	---	0
7900 manufac. prod. nec	0	---	---	0
Ton-miles (x1000)	315,208	13,006	175,435	126,767

Tons All Traffic (x1000) 3,253
Ton-miles All Traffic (x1000) 315,208
Total Trip-ton-miles Internal and Intraport (x1000) 1,092,707

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

Freight Traffic, 2012
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts	Intraport			
SKAMOKAWA CREEK, WA	---	---	---	---	---	---	0.00	---	
SNAKE RIVER, OR, WA AND ID	---	---	---	---	2,385	---	2,385	3.58	868
WESTPORT SLOUGH, OR	---	---	---	---	---	---	---	0.00	---
LAKE RIVER, WA	---	---	---	---	---	---	---	0.00	---
COWLITZ RIVER, WA	---	---	---	---	---	---	---	0.00	---
CHINOOK CHANNEL, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUV	3,968	36,669	2,652	273	8,922	593	53,078	79.61	3,679
DEEP RIVER, WA	---	---	---	---	---	---	---	0.00	---
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,511	1,125	---	---	174	---	2,810	4.21	---
GRAYS RIVER, WA	---	---	---	---	---	---	---	0.00	---
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	---	---	---	---	975	---	975	1.46	---
COLUMBIA RIVER AT BAKERS BAY, WA	---	---	---	---	---	---	---	0.00	---
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
ELOKOMIN SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
CLATSKANIE RIVER, OR	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK A	---	---	---	---	2,534	---	2,534	3.80	3,253
MULTNOMAH CHANNEL, OR	---	---	---	---	1,091	---	1,091	1.64	---
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO	---	---	---	---	2,214	---	2,214	3.32	5,787
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLE	---	---	---	---	1,391	197	1,588	2.38	7,689
LEWIS RIVER, WA	---	---	---	---	---	---	---	0.00	---
YOUNGS BAY AND YOUNGS RIVER, OR	---	---	---	---	---	---	---	0.00	---
SKIPANON CHANNEL, OR	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	5,479	37,795	2,652	273	19,687	790	66,676	---	21,276
PERCENT (UNADJUSTED)	8.22	56.68	3.98	0.41	29.53	1.19	---	100.00	---
NET VOLUME OF TONNAGE FOR THE BASIN**	5,479	37,795	2,652	273	10,277	790	57,267	---	---
PERCENT (ADJUSTED)	9.57	66.00	4.63	0.48	17.95	1.38	---	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
2003	35,320	2006	39,652	2009	36,171	2012	46,199
2004	41,200	2007	44,776	2010	44,745		
2005	39,167	2008	44,736	2011	44,073		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total, all commodities	46,199	4,861	37,711	618	84	2,925	2,652	273
Total petroleum and petroleum products	3,302	125	635	70	73	2,398	2,313	85
Subtotal crude petroleum	14	---	---	---	---	14	---	14
2100 crude petroleum	14	---	---	---	---	14	---	14
Subtotal petroleum products	3,288	125	635	70	73	2,385	2,313	71
2211 gasoline	1,663	87	0	36	---	1,541	1,539	2
2330 distillate fuel oil	741	0	64	34	---	643	606	38
2340 residual fuel oil	104	---	---	---	---	104	72	32
2350 lube oil & greases	97	---	---	---	---	97	97	---
2410 petro. jelly & waxes	0	0	---	---	---	---	---	---
2429 naphtha & solvents	0	0	---	---	---	---	---	---
2430 asphalt, tar & pitch	5	5	0	---	---	---	---	---
2540 petroleum coke	678	34	571	---	73	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	0	---	---	---	---	---

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd
Total chemicals and related products	5,977	652	5,324	---	---	0	---	0
Subtotal fertilizers	2,170	232	1,938	---	---	---	---	---
3110 nitrogenous fert.	231	231	---	---	---	---	---	---
3130 potassic fert.	1,926	---	1,926	---	---	---	---	---
3190 fert. & mixes nec	12	0	12	---	---	---	---	---
Subtotal other chemicals and related products	3,807	420	3,386	---	---	0	---	0
3212 benzene & toluene	89	89	---	---	---	---	---	---
3219 other hydrocarbons	0	0	0	---	---	---	---	---
3220 alcohols	21	1	20	---	---	---	---	---
3230 carboxylic acids	5	2	3	---	---	---	---	---
3240 nitrogen func. comp.	2	2	0	---	---	---	---	---
3250 organo - inorg. comp.	1	1	0	---	---	---	---	---
3260 organic comp. nec	7	4	3	---	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---	---
3273 ammonia	78	78	---	---	---	---	---	---
3274 sodium hydroxide	214	214	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	79	2	77	---	---	---	---	---
3276 metallic salts	3,250	11	3,239	---	---	---	---	---
3279 inorganic chem. nec	1	1	1	---	---	---	---	---
3281 radioactive material	0	0	0	---	---	---	---	---
3282 pigments & paints	3	1	1	---	---	---	---	---
3283 coloring mat. nec	1	1	---	---	---	---	---	---
3284 medicines	3	1	2	---	---	---	---	---
3285 perfumes & cleansers	2	2	0	---	---	---	---	---
3286 plastics	36	7	29	---	---	0	---	0
3291 pesticides	0	0	0	---	---	---	---	---
3292 starches, gluten, glue	2	1	0	---	---	---	---	---
3293 explosives	1	1	---	---	---	---	---	---
3297 chemical additives	0	0	0	---	---	---	---	---
3298 wood & resin chem.	1	1	---	---	---	---	---	---
3299 chem. products nec	13	1	11	---	---	---	---	---
Total crude materials, inedible except fuels	7,883	939	6,000	500	7	438	310	128
Subtotal forest products, wood and chips	4,188	65	3,679	0	7	437	310	127
4110 rubber & gums	0	0	---	---	---	---	---	---
4150 fuel wood	1	0	1	---	---	---	---	---
4161 wood chips	259	0	0	---	---	259	259	---
4170 wood in the rough	3,046	1	2,984	---	7	55	51	4
4189 lumber	880	64	694	0	---	123	---	123
4190 forest products nec	1	0	0	---	---	---	---	---
Subtotal pulp and waste paper	248	53	196	---	---	---	---	---
4225 pulp & waste paper	248	53	196	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	773	344	2	425	---	1	---	1
4310 building stone	2	2	0	---	---	---	---	---
4322 limestone	398	0	---	398	---	---	---	---
4323 gypsum	342	341	---	---	---	1	---	1
4331 sand & gravel	31	1	2	28	---	1	---	1
Subtotal iron ore and scrap	1,461	0	1,386	75	---	---	---	---
4420 iron & steel scrap	1,461	0	1,386	75	---	---	---	---
Subtotal non-ferrous ores and scrap	835	284	551	---	---	---	---	---
4630 copper ore	494	0	494	---	---	---	---	---
4650 aluminum ore	284	284	0	---	---	---	---	---
4680 non-ferrous scrap	45	0	45	---	---	---	---	---
4690 non-ferrous ores nec	12	---	12	---	---	---	---	---
Subtotal sulphur, clay and salt	174	0	174	---	---	---	---	---
4782 clay & refrac. mat.	174	0	174	---	---	---	---	---
Subtotal slag	24	24	---	---	---	---	---	---
4860 slag	24	24	---	---	---	---	---	---
Subtotal other non-metal. min.	181	169	12	---	---	---	---	---
4900 non-metal. min. nec	181	169	12	---	---	---	---	---
Total primary manufactured goods	2,542	2,184	250	30	---	76	25	51
Subtotal paper products	124	11	110	0	---	3	---	3
5110 newsprint	59	0	59	---	---	---	---	---
5120 paper & paperboard	55	6	49	0	---	---	---	---
5190 paper products nec	10	5	2	0	---	3	---	3
Subtotal lime, cement and glass	439	373	3	30	---	33	25	8
5220 cement & concrete	396	341	---	30	---	25	25	---
5240 glass & glass prod.	15	14	0	---	---	---	---	---
5290 misc. mineral prod.	28	17	3	---	---	8	---	8
Subtotal primary iron and steel products	1,616	1,574	33	0	---	9	---	9
5312 pig iron	1	1	0	0	---	---	---	---
5315 ferro alloys	10	10	---	---	---	---	---	---
5320 i&s primary forms	1,165	1,134	31	---	---	---	---	---
5330 i&s plates & sheets	353	352	1	---	---	---	---	---
5360 i&s bars & shapes	30	20	0	---	---	9	---	9
5370 i&s pipe & tube	56	55	0	---	---	---	---	---
5390 primary i&s nec	2	2	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	271	198	55	---	---	18	0	18
5421 copper	5	2	3	---	---	---	---	---
5422 aluminum	3	3	0	---	---	---	---	---

COLUMBIA RIVER ENTRANCE, OR AND WA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
5429 smelted prod. nec	68	29	38	—	—	—	—	—
5480 fab. metal products	195	163	14	—	—	18	0	18
Subtotal primary wood products	91	28	49	—	—	13	0	13
5540 primary wood prod.	91	28	49	—	—	13	0	13
Total food and farm products	25,183	96	25,074	12	0	0	—	0
Subtotal fish	4	1	3	0	—	—	—	—
6134 fish (not shellfish)	3	0	3	0	—	—	—	—
6136 shellfish	1	1	0	—	—	—	—	—
Subtotal grain	17,176	1	17,175	—	—	—	—	—
6241 wheat	14,673	0	14,673	—	—	—	—	—
6344 corn	2,400	1	2,399	—	—	—	—	—
6442 rice	24	1	23	—	—	—	—	—
6443 barley & rye	80	—	80	—	—	—	—	—
6445 oats	0	—	0	—	—	—	—	—
6447 sorghum grains	0	0	—	—	—	—	—	—
Subtotal oilseeds	7,056	19	7,025	12	—	—	—	—
6522 soybeans	6,878	15	6,862	—	—	—	—	—
6590 oilseeds nec	178	4	163	12	—	—	—	—
Subtotal vegetable products	171	22	148	0	—	—	—	—
6653 vegetable oils	3	3	0	—	—	—	—	—
6654 vegetables & prod.	168	19	148	0	—	—	—	—
Subtotal processed grain and animal feed	539	1	538	—	—	—	—	—
6746 wheat flour	64	0	64	—	—	—	—	—
6747 grain mill products	3	1	2	—	—	—	—	—
6781 hay & fodder	335	0	335	—	—	—	—	—
6782 animal feed, prep.	137	0	137	—	—	—	—	—
Subtotal other agricultural products	236	51	185	0	0	0	—	0
6811 meat, fresh, frozen	1	0	1	—	—	—	—	—
6817 meat, prepared	0	0	—	—	—	—	—	—
6822 dairy products	3	0	3	—	—	—	—	—
6835 fish, prepared	0	0	0	—	—	—	—	—
6838 tallow, animal oils	0	0	—	—	—	—	—	—
6839 animals & prod. nec	10	0	10	—	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	16	6	10	—	—	—	—	—
6858 fruit juices	17	14	2	0	—	0	—	0
6861 sugar	6	6	—	—	—	—	—	—
6865 molasses	0	0	—	—	—	—	—	—
6871 coffee	13	11	2	—	—	—	—	—
6872 cocoa beans	0	0	0	—	—	—	—	—
6885 alcoholic beverages	9	7	2	—	—	—	—	—
6888 water & ice	0	0	—	—	—	—	—	—
6889 food products nec	16	4	12	0	—	—	—	—
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	1	0	1	—	—	—	—	—
6899 farm products nec	143	1	142	—	0	—	—	—
Total all manufactured equipment, machinery and products	919	815	89	0	4	12	4	8
7110 machinery (not elec)	60	40	9	0	0	10	4	6
7120 electrical machinery	81	42	39	0	—	—	—	—
7210 vehicles & parts	570	550	20	0	—	0	—	0
7220 aircraft & parts	0	0	0	—	—	—	—	—
7230 ships & boats	0	0	0	0	—	0	0	0
7400 manufac. wood prod.	9	7	2	—	—	—	—	—
7500 textile products	23	20	3	—	0	—	—	—
7600 rubber & plastic pr.	52	41	11	0	—	—	—	—
7900 manufac. prod. nec	124	114	5	0	3	1	—	1
Total unknown or not elsewhere classified	394	51	338	5	—	—	—	—
9900 unknown or nec	394	51	338	5	—	—	—	—

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
2003	47,158	2006	52,279	2009	45,960	2012	56,827
2004	53,774	2007	58,149	2010	54,714		
2005	51,488	2008	54,762	2011	54,225		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	43,274	2,059	23,842	2,802	13,869	47	80	571	4
Total petroleum and petroleum products	903	43	571	82	64	---	73	70	---
Subtotal petroleum products	903	43	571	82	64	---	73	70	---
2211 gasoline	122	9	---	77	0	---	---	36	---
2330 distillate fuel oil	98	---	---	0	64	---	---	34	---
2410 petro. jelly & waxes	0	---	---	0	---	---	---	---	---
2429 naphtha & solvents	0	---	---	0	---	---	---	---	---
2430 asphalt, tar & pitch	5	---	---	5	0	---	---	---	---
2540 petroleum coke	678	34	571	---	0	---	73	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	---	---	0	0	---	---	---	---
Total chemicals and related products	5,976	325	261	327	5,063	---	---	---	---
Subtotal fertilizers	2,170	27	64	204	1,874	---	---	---	---
3110 nitrogenous fert.	231	27	---	204	---	---	---	---	---
3130 potassic fert.	1,926	---	64	---	1,862	---	---	---	---
3190 fert. & mixes nec	12	---	---	0	12	---	---	---	---
Subtotal other chemicals and related products	3,807	298	197	122	3,189	---	---	---	---
3212 benzene & toluene	89	83	---	6	---	---	---	---	---
3219 other hydrocarbons	0	---	---	0	0	---	---	---	---
3220 alcohols	21	---	---	1	20	---	---	---	---
3230 carboxylic acids	5	---	---	2	3	---	---	---	---
3240 nitrogen func. comp.	2	---	---	2	0	---	---	---	---
3250 organo - inorg. comp.	1	---	---	1	0	---	---	---	---
3260 organic comp. nec	7	---	---	4	3	---	---	---	---
3272 sulphuric acid	0	---	---	---	0	---	---	---	---
3273 ammonia	78	---	---	78	---	---	---	---	---
3274 sodium hydroxide	214	214	---	0	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	79	---	50	2	26	---	---	---	---
3276 metallic salts	3,250	---	143	11	3,096	---	---	---	---
3279 inorganic chem. nec	1	---	---	1	1	---	---	---	---
3281 radioactive material	0	---	---	0	0	---	---	---	---
3282 pigments & paints	3	---	---	1	1	---	---	---	---
3283 coloring mat. nec	1	---	---	1	---	---	---	---	---
3284 medicines	3	---	---	1	2	---	---	---	---
3285 perfumes & cleansers	2	---	---	2	0	---	---	---	---
3286 plastics	35	---	3	7	25	---	---	---	---
3291 pesticides	0	---	---	0	0	---	---	---	---
3292 starches, gluten, glue	2	---	---	1	0	---	---	---	---
3293 explosives	1	---	---	1	---	---	---	---	---
3297 chemical additives	0	---	---	0	0	---	---	---	---
3298 wood & resin chem.	1	---	---	1	---	---	---	---	---
3299 chem. products nec	13	---	---	1	11	---	---	---	---
Total crude materials, inedible except fuels	7,445	829	4,833	110	1,167	---	7	500	---
Subtotal forest products, wood and chips	3,751	1	3,487	64	192	---	7	0	---
4110 rubber & gums	0	---	---	0	---	---	---	---	---
4150 fuel wood	1	---	---	0	1	---	---	---	---
4161 wood chips	0	---	---	0	0	---	---	---	---
4170 wood in the rough	2,991	0	2,982	1	1	---	7	---	---
4189 lumber	758	1	504	63	190	---	---	0	---
4190 forest products nec	1	---	---	0	0	---	---	---	---
Subtotal pulp and waste paper	248	50	57	3	139	---	---	---	---
4225 pulp & waste paper	248	50	57	3	139	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	771	341	0	3	2	---	---	425	---
4310 building stone	2	---	0	2	---	---	---	---	---
4322 limestone	398	---	---	0	---	---	---	398	---
4323 gypsum	341	341	---	---	---	---	---	---	---
4331 sand & gravel	31	---	---	1	2	---	---	28	---
Subtotal iron ore and scrap	1,461	0	606	0	780	---	---	75	---
4420 iron & steel scrap	1,461	0	606	0	780	---	---	75	---
Subtotal non-ferrous ores and scrap	835	283	502	1	49	---	---	---	---
4630 copper ore	494	---	494	0	---	---	---	---	---
4650 aluminum ore	284	283	---	1	0	---	---	---	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
4680 non-ferrous scrap	45	—	0	0	45	—	—	—	—
4690 non-ferrous ores nec	12	—	9	—	4	—	—	—	—
Subtotal sulphur, clay and salt	174	—	174	0	0	—	—	—	—
4782 clay & refrac. mat.	174	—	174	0	0	—	—	—	—
Subtotal slag	24	—	—	24	—	—	—	—	—
4860 slag	24	—	—	24	—	—	—	—	—
Subtotal other non-metal. min.	181	154	7	15	5	—	—	—	—
4900 non-metal. min. nec	181	154	7	15	5	—	—	—	—
Total primary manufactured goods	2,465	712	106	1,473	144	30	—	0	—
Subtotal paper products	121	—	51	11	59	—	—	0	—
5110 newsprint	59	—	43	0	16	—	—	—	—
5120 paper & paperboard	55	—	8	6	41	—	—	0	—
5190 paper products nec	8	—	—	5	2	—	—	0	—
Subtotal lime, cement and glass	406	—	—	373	3	30	—	—	—
5220 cement & concrete	371	—	—	341	—	30	—	—	—
5240 glass & glass prod.	15	—	—	14	0	—	—	—	—
5290 misc. mineral prod.	20	—	—	17	3	—	—	—	—
Subtotal primary iron and steel products	1,607	634	0	940	33	—	—	0	—
5312 pig iron	1	—	—	1	0	—	—	0	—
5315 ferro alloys	10	—	—	10	—	—	—	—	—
5320 i&s primary forms	1,165	227	—	907	31	—	—	—	—
5330 i&s plates & sheets	353	348	—	4	1	—	—	—	—
5360 i&s bars & shapes	20	12	—	8	0	—	—	—	—
5370 i&s pipe & tube	56	47	0	8	0	—	—	—	—
5390 primary i&s nec	2	0	—	2	0	—	—	—	—
Subtotal primary non-ferrous metal products	253	77	11	120	44	—	—	—	—
5421 copper	5	1	—	1	3	—	—	—	—
5422 aluminum	3	2	—	1	0	—	—	—	—
5429 smelted prod. nec	68	26	—	4	38	—	—	—	—
5480 fab. metal products	176	48	11	115	3	—	—	—	—
Subtotal primary wood products	77	1	45	28	4	—	—	—	—
5540 primarv wood prod.	77	1	45	28	4	—	—	—	—
Total food and farm products	25,183	—	17,818	96	7,256	12	—	0	0
Subtotal fish	4	—	—	1	3	—	—	0	—
6134 fish (not shellfish)	3	—	—	0	3	—	—	0	—
6136 shellfish	1	—	—	1	0	—	—	—	—
Subtotal grain	17,176	—	11,052	1	6,123	—	—	—	—
6241 wheat	14,673	—	8,677	0	5,996	—	—	—	—
6344 corn	2,400	—	2,352	1	47	—	—	—	—
6442 rice	24	—	—	1	23	—	—	—	—
6443 barley & rye	80	—	23	—	57	—	—	—	—
6445 oats	0	—	—	—	0	—	—	—	—
6447 sorghum grains	0	—	—	0	—	—	—	—	—
Subtotal oilseeds	7,056	—	6,526	19	499	12	—	—	—
6522 soybeans	6,878	—	6,363	15	499	—	—	—	—
6590 oilseeds nec	178	—	163	4	0	12	—	—	—
Subtotal vegetable products	171	—	0	22	148	—	—	0	—
6653 vegetable oils	3	—	—	3	0	—	—	—	—
6654 vegetables & prod.	168	—	0	19	148	—	—	0	—
Subtotal processed grain and animal feed	539	—	240	1	298	—	—	—	—
6746 wheat flour	64	—	64	0	0	—	—	—	—
6747 grain mill products	3	—	—	1	2	—	—	—	—
6781 hay & fodder	335	—	66	0	269	—	—	—	—
6782 animal feed, prep.	137	—	110	0	27	—	—	—	—
Subtotal other agricultural products	236	—	0	51	185	—	—	0	0
6811 meat, fresh, frozen	1	—	—	0	1	—	—	—	—
6817 meat, prepared	0	—	—	0	—	—	—	—	—
6822 dairy products	3	—	—	0	3	—	—	—	—
6835 fish, prepared	0	—	—	0	0	—	—	—	—
6838 tallow, animal oils	0	—	—	0	—	—	—	—	—
6839 animals & prod. nec	10	—	—	0	10	—	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—	—
6857 fruit & nuts nec	16	—	—	6	10	—	—	—	—
6858 fruit juices	17	—	0	14	2	—	—	0	—
6861 sugar	6	—	—	6	—	—	—	—	—
6865 molasses	0	—	—	0	—	—	—	—	—
6871 coffee	13	—	—	11	2	—	—	—	—
6872 cocoa beans	0	—	—	0	0	—	—	—	—
6885 alcoholic beverages	9	—	—	7	2	—	—	—	—
6888 water & ice	0	—	—	0	—	—	—	—	—
6889 food products nec	16	—	—	4	12	—	—	0	—
6893 cotton	0	—	—	0	—	—	—	—	—
6894 natural fibers nec	1	—	—	0	1	—	—	—	—
6899 farm products nec	143	—	0	1	142	—	—	—	0

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total all manufactured equipment, machinery and products	908	118	34	696	56	0	---	0	4
7110 machinery (not elec)	50	19	2	22	8	0	---	---	0
7120 electrical machinery	81	22	22	20	17	---	---	0	---
7210 vehicles & parts	570	57	9	493	11	0	---	---	---
7220 aircraft & parts	0	---	0	0	0	---	---	---	---
7230 ships & boats	0	0	0	0	0	---	---	---	---
7400 manufac. wood prod.	9	---	---	7	2	---	---	---	---
7500 textile products	23	3	---	17	3	---	---	---	0
7600 rubber & plastic pr.	52	0	0	41	11	---	---	0	---
7900 manufac. prod. nec	123	18	0	96	5	0	---	0	3
Total unknown or not elsewhere classified	394	32	219	19	118	5	---	0	---
9900 unknown or nec	394	32	219	19	118	5	---	0	---
Ton-miles	3,611,723	159,573	1,742,141	280,670	1,363,635	4,377	5,035	55,921	370
Foreign & Canadian (x1000)									

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	2,925	339	213	2,313	60
Total petroleum and petroleum products	2,398	---	26	2,313	60
Subtotal crude petroleum	14	---	14	---	---
2100 crude petroleum	14	---	14	---	---
Subtotal petroleum products	2,385	---	12	2,313	60
2211 gasoline	1,541	---	---	1,539	2
2330 distillate fuel oil	643	---	---	606	38
2340 residual fuel oil	104	---	12	72	20
2350 lube oil & areases	97	---	---	97	---
Total chemicals and related products	0	---	0	---	---
Subtotal other chemicals and related products	0	---	0	---	---
3286 plastics	0	---	0	---	---
Total crude materials, inedible except fuels	438	310	128	---	---
Subtotal forest products, wood and chips	437	310	127	---	---
4161 wood chips	259	259	---	---	---
4170 wood in the rough	55	51	4	---	---
4189 lumber	123	---	123	---	---
Subtotal soil, sand, gravel, rock and stone	1	---	1	---	---
4323 gypsum	1	---	1	---	---
4331 sand & gravel	1	---	1	---	---
Total primary manufactured goods	76	25	51	---	---
Subtotal paper products	3	---	3	---	---
5190 paper products nec	3	---	3	---	---
Subtotal lime, cement and glass	33	25	8	---	---
5220 cement & concrete	25	25	---	---	---
5290 misc. mineral prod.	8	---	8	---	---
Subtotal primary iron and steel products	9	---	9	---	---
5360 i&s bars & shapes	9	---	9	---	---
Subtotal primary non-ferrous metal products	18	0	18	---	---
5480 fab. metal products	18	0	18	---	---
Subtotal primary wood products	13	0	13	---	---
5540 primary wood prod.	13	0	13	---	---
Total food and farm products	0	---	0	---	---
Subtotal other agricultural products	0	---	0	---	---
6858 fruit juices	0	---	0	---	---
Total all manufactured equipment, machinery and products	12	4	8	---	---
7110 machinery (not elec)	10	4	6	---	---
7210 vehicles & parts	0	---	0	---	---
7230 ships & boats	0	0	0	---	---
7900 manufac. prod. nec	1	---	1	---	---
Ton-miles (x1000)	264,743	18,215	13,993	226,702	5,833
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,628	1,896	1,529	220	1,997	479	1,624	966	1,918
Total petroleum and petroleum products	1,569	1,316	35	57	28	4	---	129	---
Subtotal petroleum products	1,569	1,316	35	57	28	4	---	129	---
2211 gasoline	564	496	---	50	19	---	---	---	---
2330 distillate fuel oil	138	138	---	---	---	---	---	---	---
2340 residual fuel oil	867	682	35	7	9	4	---	129	---
Total chemicals and related products	103	---	---	7	52	---	---	45	---
Subtotal fertilizers	52	---	---	7	---	---	---	45	---
3110 nitrogenous fert.	52	---	---	7	---	---	---	45	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal other chemicals and related products	52	---	---	---	52	---	---	---	---
3220 alcohols	52	---	---	---	52	---	---	---	---
Total crude materials, inedible except fuels	3,540	580	104	145	807	472	129	543	760
Subtotal forest products, wood and chips	1,213	---	87	91	---	---	---	385	651
4150 fuel wood	51	---	---	51	---	---	---	---	---
4161 wood chips	789	---	87	39	---	---	---	176	487
4170 wood in the rough	175	---	---	---	---	---	---	20	156
4189 lumber	197	---	---	---	---	---	---	189	9
Subtotal soil, sand, gravel, rock and stone	2,198	580	17	55	807	472	---	159	109
4331 sand & gravel	2,198	580	17	55	807	472	---	159	109
Subtotal iron ore and scrap	129	---	---	---	---	---	129	---	---
4420 iron & steel scrap	129	---	---	---	---	---	129	---	---
Total primary manufactured goods	18	---	0	0	0	---	17	0	0
Subtotal paper products	17	---	---	---	0	---	17	0	---
5120 paper & paperboard	17	---	---	---	0	---	17	0	---
Subtotal primary iron and steel products	0	---	---	0	0	---	---	0	---
5360 i&s bars & shapes	0	---	---	0	0	---	---	0	---
Subtotal primary non-ferrous metal products	0	---	0	---	0	---	---	---	0
5480 fab. metal products	0	---	0	---	0	---	---	---	0
Total food and farm products	5,123	---	1,390	12	1,082	3	1,478	0	1,157
Subtotal grain	5,007	---	1,390	12	1,062	3	1,382	---	1,157
6241 wheat	4,960	---	1,383	12	1,057	3	1,354	---	1,150
6344 corn	7	---	---	---	---	---	---	---	7
6443 barley & rye	40	---	7	---	5	---	28	---	---
6447 sorghum grains	0	---	---	---	---	---	0	---	---
Subtotal vegetable products	113	---	---	---	17	---	96	0	---
6654 vegetables & prod.	113	---	---	---	17	---	96	0	---
Subtotal processed grain and animal feed	3	---	---	---	3	---	0	---	---
6781 hav & fodder	3	---	---	---	3	---	0	---	---
Total all manufactured equipment, machinery and products	28	0	---	---	28	---	0	---	0
7110 machinery (not elec)	0	---	---	---	---	---	---	---	0
7900 manufac. prod. nec	28	0	---	---	28	---	0	---	---
Total waste and scrap nec	248	---	---	---	---	---	---	248	---
8900 waste and scrap nec	248	---	---	---	---	---	---	248	---
Ton-miles Internal (x1000)	1,747,178	297,191	358,823	32,383	274,283	7,856	359,992	88,642	328,008
Tons All Traffic (x1000)		56,827							
Ton-miles All Traffic (x1000)		5,623,643							
Total Trip-ton-miles Internal and Intraport (x1000)		2,144,482							

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
2003	47,389	2006	52,329	2009	46,138	2012	56,758
2004	53,894	2007	58,228	2010	54,538		
2005	51,472	2008	54,890	2011	54,262		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
Total, all commodities	43,274	3,351	36,586	1,510	1,125	617	84	1
Total petroleum and petroleum products	903	125	634	0	1	70	73	---
Subtotal petroleum products	903	125	634	0	1	70	73	---
2211 gasoline	122	87	---	0	0	36	---	---
2330 distillate fuel oil	98	---	64	0	0	34	---	---
2410 petro. jelly & waxes	0	---	---	0	---	---	---	---
2429 naphtha & solvents	0	---	---	0	---	---	---	---
2430 asphalt, tar & pitch	5	5	---	0	0	---	---	---
2540 petroleum coke	678	34	571	---	0	---	73	---

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	0	0	—	—	—
Total chemicals and related products	5,976	612	5,296	39	28	—	—	—
Subtotal fertilizers	2,170	231	1,937	0	1	—	—	—
3110 nitrogenous fert.	231	231	—	0	—	—	—	—
3130 potassic fert.	1,926	—	1,926	—	0	—	—	—
3190 fert. & mixes nec	12	—	11	0	1	—	—	—
Subtotal other chemicals and related products	3,807	381	3,359	39	28	—	—	—
3212 benzene & toluene	89	89	—	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	0	—	—	—
3220 alcohols	21	—	20	1	0	—	—	—
3230 carboxylic acids	5	0	—	2	3	—	—	—
3240 nitrogen func. comp.	2	—	—	2	0	—	—	—
3250 organo - inorg. comp.	1	—	—	1	0	—	—	—
3260 organic comp. nec	7	—	—	4	3	—	—	—
3272 sulphuric acid	0	—	—	—	0	—	—	—
3273 ammonia	78	78	—	—	—	—	—	—
3274 sodium hydroxide	214	214	—	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	79	—	73	2	4	—	—	—
3276 metallic salts	3,250	—	3,239	11	0	—	—	—
3279 inorganic chem. nec	1	—	—	1	1	—	—	—
3281 radioactive material	0	—	—	0	0	—	—	—
3282 pigments & paints	3	—	—	1	1	—	—	—
3283 coloring mat. nec	1	—	—	1	—	—	—	—
3284 medicines	3	—	—	1	2	—	—	—
3285 perfumes & cleansers	2	—	—	2	0	—	—	—
3286 plastics	35	—	20	7	9	—	—	—
3291 pesticides	0	—	—	0	0	—	—	—
3292 starches, gluten, glue	2	—	—	1	0	—	—	—
3293 explosives	1	—	—	1	—	—	—	—
3297 chemical additives	0	—	—	0	0	—	—	—
3298 wood & resin chem.	1	—	—	1	—	—	—	—
3299 chem. products nec	13	—	7	1	4	—	—	—
Total crude materials, inedible except fuels	7,445	917	5,662	22	338	500	7	0
Subtotal forest products, wood and chips	3,751	51	3,544	14	135	—	7	0
4110 rubber & gums	0	—	—	0	—	—	—	—
4150 fuel wood	1	—	—	0	1	—	—	—
4161 wood chips	0	—	—	0	0	—	—	—
4170 wood in the rough	2,991	0	2,982	1	1	—	7	—
4189 lumber	758	51	562	13	133	—	—	0
4190 forest products nec	1	—	—	0	0	—	—	—
Subtotal pulp and waste paper	248	50	57	3	139	—	—	—
4225 pulp & waste paper	248	50	57	3	139	—	—	—
Subtotal soil, sand, gravel, rock and stone	771	341	0	3	2	425	—	—
4310 building stone	2	—	0	2	—	—	—	—
4322 limestone	398	—	—	0	—	398	—	—
4323 gypsum	341	341	—	—	—	—	—	—
4331 sand & gravel	31	—	—	1	2	28	—	—
Subtotal iron ore and scrap	1,461	0	1,378	0	8	75	—	—
4420 iron & steel scrap	1,461	0	1,378	0	8	75	—	—
Subtotal non-ferrous ores and scrap	835	283	502	1	49	—	—	—
4630 copper ore	494	—	494	0	—	—	—	—
4650 aluminum ore	284	283	—	1	0	—	—	—
4680 non-ferrous scrap	45	—	0	0	45	—	—	—
4690 non-ferrous ores nec	12	—	9	—	4	—	—	—
Subtotal sulphur, clay and salt	174	—	174	0	0	—	—	—
4782 clay & refrac. mat.	174	—	174	0	0	—	—	—
Subtotal slag	24	24	—	—	—	—	—	—
4860 slag	24	24	—	—	—	—	—	—
Subtotal other non-metal. min.	181	168	7	1	5	—	—	—
4900 non-metal. min. nec	181	168	7	1	5	—	—	—
Total primary manufactured goods	2,465	1,273	135	911	115	30	—	0
Subtotal paper products	121	0	51	11	59	—	—	0
5110 newsprint	59	—	43	0	16	—	—	—
5120 paper & paperboard	55	0	8	6	41	—	—	0
5190 paper products nec	8	—	—	5	2	—	—	0
Subtotal lime, cement and glass	406	341	—	32	3	30	—	—
5220 cement & concrete	371	341	—	—	—	30	—	—
5240 glass & glass prod.	15	—	—	14	0	—	—	—
5290 misc. mineral prod.	20	—	—	17	3	—	—	—
Subtotal primary iron and steel products	1,607	782	29	793	4	—	—	0
5312 pig iron	1	—	—	1	0	—	—	0
5315 ferro alloys	10	9	—	1	—	—	—	—
5320 i&s primary forms	1,165	358	29	776	3	—	—	—
5330 i&s plates & sheets	353	349	—	3	1	—	—	—
5360 i&s bars & shapes	20	17	—	4	0	—	—	—
5370 i&s pipe & tube	56	50	0	6	0	—	—	—
5390 primary i&s nec	2	0	—	2	0	—	—	—
Subtotal primary non-ferrous metal products	253	150	11	48	44	—	—	—
5421 copper	5	1	—	1	3	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Upbound
				Upbound	Downbnd			
5422 aluminum	3	2	—	1	0	—	—	—
5429 smelted prod. nec	68	26	—	3	38	—	—	—
5480 fab. metal products	176	120	11	43	3	—	—	—
Subtotal primary wood products	77	1	45	28	4	—	—	—
5540 primary wood prod.	77	1	45	28	4	—	—	—
Total food and farm products	25,183	0	24,488	96	586	12	—	0
Subtotal fish	4	0	—	1	3	—	—	0
6134 fish (not shellfish)	3	0	—	0	3	—	—	0
6136 shellfish	1	—	—	1	0	—	—	—
Subtotal grain	17,176	0	17,173	1	2	—	—	—
6241 wheat	—	—	14,673	0	—	—	—	—
6344 corn	2,400	—	2,398	1	1	—	—	—
6442 rice	24	0	23	1	—	—	—	—
6443 barley & rye	80	—	80	—	0	—	—	—
6445 oats	0	—	—	—	0	—	—	—
6447 sorghum grains	0	—	—	0	—	—	—	—
Subtotal oilseeds	7,056	—	7,022	19	3	12	—	—
6522 soybeans	6,878	—	6,859	15	3	—	—	—
6590 oilseeds nec	178	—	163	4	0	12	—	—
Subtotal vegetable products	171	0	51	22	97	—	—	0
6653 vegetable oils	3	—	—	3	0	—	—	—
6654 vegetables & prod.	168	0	51	19	97	—	—	0
Subtotal processed grain and animal feed	539	0	240	1	298	—	—	—
6746 wheat flour	64	—	64	0	0	—	—	—
6747 grain mill products	3	0	—	1	2	—	—	—
6781 hay & fodder	335	—	66	0	269	—	—	—
6782 animal feed, prep.	137	—	110	0	27	—	—	—
Subtotal other agricultural products	236	0	2	51	183	—	—	0
6811 meat, fresh, frozen	1	—	—	0	1	—	—	—
6817 meat, prepared	0	—	—	0	—	—	—	—
6822 dairy products	3	—	—	0	3	—	—	—
6835 fish, prepared	0	—	—	0	0	—	—	—
6838 tallow, animal oils	0	—	—	0	—	—	—	—
6839 animals & prod. nec	10	—	—	0	10	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—
6857 fruit & nuts nec	16	—	—	6	10	—	—	—
6858 fruit juices	17	0	0	14	2	—	—	0
6861 sugar	6	—	—	6	—	—	—	—
6865 molasses	0	—	—	0	—	—	—	—
6871 coffee	13	—	2	11	—	—	—	—
6872 cocoa beans	0	—	—	0	0	—	—	—
6885 alcoholic beverages	9	—	—	7	2	—	—	—
6888 water & ice	0	—	—	0	—	—	—	—
6889 food products nec	16	0	—	4	12	—	—	0
6893 cotton	0	—	—	0	—	—	—	—
6894 natural fibers nec	1	—	—	0	1	—	—	—
6899 farm products nec	143	—	0	1	142	—	—	—
Total all manufactured equipment, machinery and products	908	391	46	423	43	0	4	0
7110 machinery (not elec)	50	19	2	22	8	0	0	—
7120 electrical machinery	81	22	34	19	5	0	—	—
7210 vehicles & parts	570	323	9	226	11	0	—	—
7220 aircraft & parts	0	—	0	0	0	—	—	—
7230 ships & boats	0	0	0	0	0	—	—	—
7400 manufac. wood prod.	9	—	—	7	2	—	—	—
7500 textile products	23	3	—	17	3	—	—	—
7600 rubber & plastic pr.	52	0	0	41	10	0	—	0
7900 manufac. prod. nec	123	24	0	90	5	0	3	0
Total unknown or not elsewhere classified	394	32	325	19	13	5	—	0
9900 unknown or nec	394	32	325	19	13	5	—	0
Ton-miles (x1000)	3,729,021	296,975	3,092,960	154,025	114,778	64,780	5,426	77
Foreign & Canadian								

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	2,925	2,652	273
Total petroleum and petroleum products	2,398	2,313	85
Subtotal crude petroleum	14	—	14
2100 crude petroleum	14	—	14
Subtotal petroleum products	2,385	2,313	71
2211 gasoline	1,541	1,539	2
2330 distillate fuel oil	643	606	38
2340 residual fuel oil	104	72	32
2350 lube oil & greases	97	97	—
Total chemicals and related products	0	—	0
Subtotal other chemicals and related products	0	—	0
3286 plastics	0	—	0
Total crude materials, inedible except fuels	438	310	128
Subtotal forest products, wood and chips	437	310	127
4161 wood chips	259	259	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
4170 wood in the rough	55	51	4
4189 lumber	123	—	123
Subtotal soil, sand, gravel, rock and stone	1	—	1
4323 gypsum	1	—	1
4331 sand & gravel	1	—	1
Total primary manufactured goods	76	25	51
Subtotal paper products	3	—	3
5190 paper products nec	3	—	3
Subtotal lime, cement and glass	33	25	8
5220 cement & concrete	25	25	—
5290 misc. mineral prod.	8	—	8
Subtotal primary iron and steel products	9	—	9
5360 i&s bars & shapes	9	—	9
Subtotal primary non-ferrous metal products	18	0	18
5480 fab. metal products	18	0	18
Subtotal primary wood products	13	0	13
5540 primary wood prod.	13	0	13
Total food and farm products	0	—	0
Subtotal other agricultural products	0	—	0
6858 fruit juices	0	—	0
Total all manufactured equipment, machinery and products	12	4	8
7110 machinery (not elec)	10	4	6
7210 vehicles & parts	0	—	0
7230 ships & boats	0	0	0
7900 manufac. prod. nec	1	—	1
Ton-miles (x1000)	283,725	263,423	20,302
Coastwise			

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,559	3,582	3,630	373	1,337	883	161	460	133
Total petroleum and petroleum products	1,591	15	—	186	1,300	—	—	47	44
Subtotal petroleum products	1,591	15	—	186	1,300	—	—	47	44
2211 gasoline	579	9	—	50	496	—	—	24	—
2330 distillate fuel oil	138	—	—	—	138	—	—	—	—
2340 residual fuel oil	875	6	—	136	667	—	—	22	44
Total chemicals and related products	103	52	—	50	—	—	—	1	—
Subtotal fertilizers	52	—	—	50	—	—	—	1	—
3110 nitrogenous fert.	52	—	—	50	—	—	—	1	—
Subtotal other chemicals and related products	52	52	—	—	—	—	—	—	—
3220 alcohols	52	52	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	3,692	1,071	1,089	137	34	882	—	397	82
Subtotal forest products, wood and chips	1,043	—	663	37	—	—	—	335	9
4150 fuel wood	30	—	—	30	—	—	—	—	—
4161 wood chips	676	—	523	7	—	—	—	147	—
4170 wood in the rough	140	—	140	—	—	—	—	—	—
4189 lumber	197	—	—	—	—	—	—	189	9
Subtotal soil, sand, gravel, rock and stone	2,521	942	427	100	34	882	—	61	74
4331 sand & gravel	2,521	942	427	100	34	882	—	61	74
Subtotal iron ore and scrap	129	129	—	—	—	—	—	—	—
4420 iron & steel scrap	129	129	—	—	—	—	—	—	—
Total primary manufactured goods	18	—	—	0	—	—	17	0	0
Subtotal paper products	17	—	—	—	—	—	17	—	—
5120 paper & paperboard	17	—	—	—	—	—	17	—	—
Subtotal primary iron and steel products	0	—	—	0	—	—	—	0	—
5360 i&s bars & shapes	0	—	—	0	—	—	—	0	—
Subtotal primary non-ferrous metal products	0	—	—	—	—	—	—	0	0
5480 fab. metal products	0	—	—	—	—	—	—	0	0
Total food and farm products	5,126	2,444	2,540	—	3	—	116	15	7
Subtotal grain	5,011	2,444	2,540	—	3	—	0	15	7
6241 wheat	4,963	2,411	2,526	—	3	—	—	15	7
6344 corn	7	—	7	—	—	—	—	—	—
6443 barley & rye	40	33	7	—	—	—	—	—	—
6447 sorghum grains	0	—	—	—	—	—	0	—	—
Subtotal vegetable products	113	—	—	—	—	—	113	—	—
6654 vegetables & prod.	113	—	—	—	—	—	113	—	—
Subtotal processed grain and animal feed	3	—	—	—	—	—	3	—	—
6781 hay & fodder	3	—	—	—	—	—	3	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Internal								
		Inbound		Outbound		Through		Intra		
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Total all manufactured equipment, machinery and products	28	---	---	---	---	0	0	28	---	0
7110 machinery (not elec)	0	---	---	---	---	---	---	---	---	0
7900 manufac. prod. nec	28	---	---	---	0	0	28	---	---	---
Ton-miles	182,692	48,567	87,356	4,494	15,922	15,657	0	8,456	2,240	
Internal (x1000)										
Tons All Traffic (x1000)										56,758
Ton-miles All Traffic (x1000)										4,195,445
Total Trip-ton-miles Internal and Intraport (x1000)										2,085,984

PORT OF ASTORIA, OR

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	42	2006	21	2009	56	2012	289
2004	159	2007	4	2010	25		
2005	31	2008	38	2011	231		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic
		Outbound	Internal Receipts
Total, all commodities	289	281	8
Total petroleum and petroleum products	8	---	8
Subtotal petroleum products	8	---	8
2340 residual fuel oil	8	---	8
Total crude materials, inedible except fuels	281	281	---
Subtotal forest products, wood and chips	281	281	---
4170 wood in the rough	251	251	---
4189 lumber	30	30	---

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
2003	395	2006	418	2009	346	2012	668
2004	486	2007	451	2010	415		
2005	457	2008	374	2011	657		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	668	166	189	287	25
Total petroleum and petroleum products	14	---	14	1	---
Subtotal crude petroleum	14	---	14	---	---
2100 crude petroleum	14	---	14	---	---
Subtotal petroleum products	1	---	---	1	---
2340 residual fuel oil	1	---	---	1	---
Total chemicals and related products	0	---	0	---	---
Subtotal other chemicals and related products	0	---	0	---	---
3286 plastics	0	---	0	---	---
Total crude materials, inedible except fuels	590	163	116	286	25
Subtotal forest products, wood and chips	588	163	115	286	25
4161 wood chips	277	163	---	114	---
4170 wood in the rough	4	---	4	---	---
4189 lumber	308	---	111	172	25
Subtotal soil, sand, gravel, rock and stone	1	---	1	---	---
4323 gypsum	1	---	1	---	---
4331 sand & aravel	1	---	1	---	---
Total primary manufactured goods	51	0	51	0	---
Subtotal paper products	3	---	3	---	---
5190 paper products nec	3	---	3	---	---
Subtotal lime, cement and glass	8	---	8	---	---
5290 misc. mineral prod.	8	---	8	---	---
Subtotal primary iron and steel products	9	---	9	---	---
5360 i&s bars & shapes	9	---	9	---	---
Subtotal primary non-ferrous metal products	18	0	18	0	---
5480 fab. metal products	18	0	18	0	---
Subtotal primary wood products	13	0	13	---	---
5540 primary wood prod.	13	0	13	---	---

PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total food and farm products	0	—	0	—	—
Subtotal other agricultural products	0	—	0	—	—
6858 fruit juices	0	—	0	—	—
Total all manufactured equipment, machinery and products	11	4	8	—	—
7110 machinery (not elec)	10	4	6	—	—
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	0	0	—	—
7900 manufac. prod. nec	1	—	1	—	—

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
2003	5,025	2006	5,048	2009	5,100	2012	12,193
2004	4,818	2007	5,126	2010	6,823		
2005	5,178	2008	5,867	2011	6,873		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	10,479	854	9,533	12	80
Total petroleum and petroleum products	678	34	571	—	73
Subtotal petroleum products	678	34	571	—	73
2540 petroleum coke	678	34	571	—	73
Total chemicals and related products	140	5	134	—	—
Subtotal fertilizers	46	—	46	—	—
3130 potassic fert.	46	—	46	—	—
Subtotal other chemicals and related products	93	5	88	—	—
3212 benzene & toluene	5	5	—	—	—
3276 metallic salts	88	—	88	—	—
Total crude materials, inedible except fuels	4,015	772	3,237	—	7
Subtotal forest products, wood and chips	3,125	—	3,118	—	7
4170 wood in the rough	2,738	—	2,731	—	7
4189 lumber	387	—	387	—	—
Subtotal pulp and waste paper	52	—	52	—	—
4225 pulp & waste paper	52	—	52	—	—
Subtotal soil, sand, gravel, rock and stone	341	341	—	—	—
4323 gypsum	341	341	—	—	—
Subtotal iron ore and scrap	0	—	0	—	—
4420 iron & steel scrap	0	—	0	—	—
Subtotal non-ferrous ores and scrap	290	277	13	—	—
4630 copper ore	13	—	13	—	—
4650 aluminum ore	277	277	—	—	—
4680 non-ferrous scrap	0	—	0	—	—
Subtotal sulphur, clay and salt	47	—	47	—	—
4782 clay & refrac. mat.	47	—	47	—	—
Subtotal other non-metal. min.	160	154	7	—	—
4900 non-metal. min. nec	160	154	7	—	—
Total primary manufactured goods	62	12	51	—	—
Subtotal paper products	51	—	51	—	—
5110 newsprint	43	—	43	—	—
5120 paper & paperboard	8	—	8	—	—
Subtotal primary iron and steel products	7	7	—	—	—
5320 i&s primary forms	0	0	—	—	—
5330 i&s plates & sheets	6	6	—	—	—
5360 i&s bars & shapes	1	1	—	—	—
5370 i&s pipe & tube	0	0	—	—	—
Subtotal primary non-ferrous metal products	5	5	0	—	—
5480 fab. metal products	5	5	0	—	—
Total food and farm products	5,462	—	5,450	12	—
Subtotal grain	2,900	—	2,900	—	—
6241 wheat	1,683	—	1,683	—	—
6344 corn	1,216	—	1,216	—	—
Subtotal oilseeds	2,432	—	2,420	12	—
6522 soybeans	2,257	—	2,257	—	—
6590 oilseeds nec	175	—	163	12	—
Subtotal vegetable products	0	—	0	—	—
6654 vegetables & prod.	0	—	0	—	—
Subtotal processed grain and animal feed	130	—	130	—	—
6746 wheat flour	64	—	64	—	—
6781 hay & fodder	66	—	66	—	—
6782 animal feed, prep.	0	—	0	—	—
Subtotal other agricultural products	0	—	0	—	—
6858 fruit juices	0	—	0	—	—
6899 farm products nec	0	—	0	—	—
Total all manufactured equipment, machinery and products	15	15	0	0	—
7110 machinery (not elec)	4	4	0	—	—
7120 electrical machinery	5	5	—	—	—
7210 vehicles & parts	0	0	—	—	—

PORT OF LONGVIEW, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
7500 textile products	2	2	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	3	3	—	0	—
Total unknown or not elsewhere classified	107	16	90	—	—
9900 unknown or nec	107	16	90	—	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	1,714	148	7	1,387	172
Total petroleum and petroleum products	16	—	—	16	—
Subtotal petroleum products	16	—	—	16	—
2340 residual fuel oil	16	—	—	16	—
Total crude materials, inedible except fuels	1,048	148	7	721	172
Subtotal forest products, wood and chips	1,031	148	7	704	172
4161 wood chips	652	96	—	556	—
4170 wood in the rough	191	51	—	140	—
4189 lumber	188	—	7	9	172
Subtotal soil, sand, gravel, rock and stone	17	—	—	17	—
4331 sand & gravel	17	—	—	17	—
Total food and farm products	650	—	—	650	—
Subtotal grain	650	—	—	650	—
6241 wheat	650	—	—	650	—
Total all manufactured equipment, machinery and products	0	0	—	0	—
7110 machinery (not elec)	0	0	—	0	—

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
2003	7,659	2006	9,124	2009	9,912	2012	11,523
2004	10,120	2007	10,400	2010	12,255		
2005	10,318	2008	12,935	2011	12,234		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
					Receipts	Shipments
Total, all commodities	11,523	566	9,898	1,059	1,033	26
Total petroleum and petroleum products	10	—	—	10	10	—
Subtotal petroleum products	10	—	—	10	10	—
2340 residual fuel oil	10	—	—	10	10	—
Total chemicals and related products	56	52	3	—	—	—
Subtotal other chemicals and related products	56	52	3	—	—	—
3212 benzene & toluene	52	52	—	—	—	—
3286 plastics	3	—	3	—	—	—
Total crude materials, inedible except fuels	57	—	43	14	—	14
Subtotal forest products, wood and chips	43	—	43	—	—	—
4189 lumber	43	—	43	—	—	—
Subtotal soil, sand, gravel, rock and stone	14	—	—	14	—	14
4331 sand & gravel	14	—	—	14	—	14
Total primary manufactured goods	557	513	43	0	0	—
Subtotal primary iron and steel products	496	496	—	—	—	—
5320 i&s primary forms	176	176	—	—	—	—
5330 i&s plates & sheets	312	312	—	—	—	—
5360 i&s bars & shapes	1	1	—	—	—	—
5370 i&s pipe & tube	7	7	—	—	—	—
Subtotal primary non-ferrous metal products	17	17	—	0	0	—
5422 aluminum	0	0	—	—	—	—
5429 smelted prod. nec	17	17	—	—	—	—
5480 fab. metal products	0	0	—	0	0	—
Subtotal primary wood products	43	—	43	—	—	—
5540 primary wood prod.	43	—	43	—	—	—
Total food and farm products	10,770	—	9,735	1,035	1,023	12
Subtotal grain	6,763	—	5,728	1,035	1,023	12
6241 wheat	5,659	—	4,639	1,021	1,009	12
6344 corn	1,073	—	1,066	7	7	—
6443 barley & rye	30	—	23	7	7	—
Subtotal oilseeds	3,896	—	3,896	—	—	—
6522 soybeans	3,896	—	3,896	—	—	—
Subtotal processed grain and animal feed	110	—	110	—	—	—
6782 animal feed, prep.	110	—	110	—	—	—
Total all manufactured equipment, machinery and products	0	0	0	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—
7230 ships & boats	0	0	—	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—

PORT OF KALAMA, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
					Receipts	Shipments
Total unknown or not elsewhere classified	74	---	74	---	---	---
9900 unknown or nec	74	---	74	---	---	---

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
2003	1,558	2006	1,691	2009	1,084	2012	1,091
2004	1,668	2007	1,694	2010	958		
2005	1,434	2008	1,241	2011	1,075		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound		Outbound	
		Upbound	Upbound	Downbnd	Downbnd
Total, all commodities	1,091	34	191	191	866
Total crude materials, inedible except fuels	1,091	34	191	191	866
Subtotal soil, sand, gravel, rock and stone	1,091	34	191	191	866
4331 sand & gravel	1,091	34	191	191	866
Ton-miles (x1000)	6,190	67	4,391	4,391	1,732

Tons All Traffic (x1000) **1,091**
Ton-miles All Traffic (x1000) **6,190**
Total Trip-ton-miles Internal and Intraport (x1000) **28,581**

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
2003	3,542	2006	3,286	2009	2,446	2012	2,810
2004	3,752	2007	3,618	2010	2,458		
2005	2,743	2008	3,434	2011	2,801		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Inbound	Domestic		
		Inbound	Outbound			Total	Internal	
				Upbound	Upbound		Downbnd	Downbnd
Total, all commodities	2,810	1,510	1,125	1	174	173	1	
Total petroleum and petroleum products	2	0	1	---	1	1	1	
Subtotal petroleum products	2	0	1	---	1	1	1	
2211 gasoline	0	0	0	---	---	---	---	
2330 distillate fuel oil	0	0	0	---	---	---	---	
2340 residual fuel oil	1	---	---	---	1	1	1	
2410 petro. jelly & waxes	0	0	---	---	---	---	---	
2429 naphtha & solvents	0	0	---	---	---	---	---	
2430 asphalt, tar & pitch	0	0	0	---	---	---	---	
2540 petroleum coke	0	---	0	---	---	---	---	
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	0	---	---	---	---	
Total chemicals and related products	68	39	28	---	---	---	---	
Subtotal fertilizers	1	0	1	---	---	---	---	
3110 nitrogenous fert.	0	0	---	---	---	---	---	
3130 potassic fert.	0	---	0	---	---	---	---	
3190 fert. & mixes nec	1	0	1	---	---	---	---	
Subtotal other chemicals and related products	67	39	28	---	---	---	---	
3219 other hydrocarbons	0	0	0	---	---	---	---	
3220 alcohols	1	1	0	---	---	---	---	
3230 carboxylic acids	5	2	3	---	---	---	---	
3240 nitrogen func. comp.	2	2	0	---	---	---	---	
3250 organo - inorg. comp.	1	1	0	---	---	---	---	
3260 organic comp. nec	7	4	3	---	---	---	---	
3272 sulphuric acid	0	---	0	---	---	---	---	
3274 sodium hydroxide	0	0	---	---	---	---	---	
3275 inorg. elem., oxides, & halogen salts	7	2	4	---	---	---	---	
3276 metallic salts	11	11	0	---	---	---	---	
3279 inorganic chem. nec	1	1	1	---	---	---	---	
3281 radioactive material	0	0	0	---	---	---	---	
3282 pigments & paints	3	1	1	---	---	---	---	
3283 coloring mat. nec	1	1	---	---	---	---	---	

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
						Inbound Upbound	Outbound Downbnd
3284 medicines	3	1	2	—	—	—	—
3285 perfumes & cleansers	2	2	0	—	—	—	—
3286 plastics	15	7	9	—	—	—	—
3291 pesticides	0	0	0	—	—	—	—
3292 starches, gluten, glue	2	1	0	—	—	—	—
3293 explosives	1	1	—	—	—	—	—
3297 chemical additives	0	0	0	—	—	—	—
3298 wood & resin chem.	1	1	—	—	—	—	—
3299 chem. products nec	5	1	4	—	—	—	—
Total crude materials, inedible except fuels	371	22	338	0	12	12	—
Subtotal forest products, wood and chips	149	14	135	0	—	—	—
4110 rubber & gums	0	0	—	—	—	—	—
4150 fuel wood	1	0	1	—	—	—	—
4161 wood chips	0	0	0	—	—	—	—
4170 wood in the rough	2	1	1	—	—	—	—
4189 lumber	145	13	133	0	—	—	—
4190 forest products nec	1	0	0	—	—	—	—
Subtotal pulp and waste paper	142	3	139	—	—	—	—
4225 pulp & waste paper	142	3	139	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	17	3	2	—	12	12	—
4310 building stone	2	2	—	—	—	—	—
4322 limestone	0	0	—	—	—	—	—
4331 sand & gravel	15	1	2	—	12	12	—
Subtotal iron ore and scrap	8	0	8	—	—	—	—
4420 iron & steel scrap	8	0	8	—	—	—	—
Subtotal non-ferrous ores and scrap	49	1	49	—	—	—	—
4630 copper ore	0	0	—	—	—	—	—
4650 aluminum ore	1	1	0	—	—	—	—
4680 non-ferrous scrap	45	0	45	—	—	—	—
4690 non-ferrous ores nec	4	—	4	—	—	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—	—	—
4782 clay & refrac. mat.	0	0	0	—	—	—	—
Subtotal other non-metal. min.	6	1	5	—	—	—	—
4900 non-metal. min. nec	6	1	5	—	—	—	—
Total primary manufactured goods	1,044	911	115	0	17	17	—
Subtotal paper products	88	11	59	0	17	17	—
5110 newsprint	16	0	16	—	—	—	—
5120 paper & paperboard	64	6	41	0	17	17	—
5190 paper products nec	8	5	2	0	—	—	—
Subtotal lime, cement and glass	35	32	3	—	—	—	—
5240 glass & glass prod.	15	14	0	—	—	—	—
5290 misc. mineral prod.	20	17	3	—	—	—	—
Subtotal primary iron and steel products	797	793	4	0	—	—	—
5312 pig iron	1	1	0	0	—	—	—
5315 ferro alloys	1	1	—	—	—	—	—
5320 i&s primary forms	779	776	3	—	—	—	—
5330 i&s plates & sheets	4	3	1	—	—	—	—
5360 i&s bars & shapes	4	4	0	—	—	—	—
5370 i&s pipe & tube	6	6	0	—	—	—	—
5390 primary i&s nec	2	2	0	—	—	—	—
Subtotal primary non-ferrous metal products	92	48	44	—	—	—	—
5421 copper	4	1	3	—	—	—	—
5422 aluminum	1	1	0	—	—	—	—
5429 smelted prod. nec	42	3	38	—	—	—	—
5480 fab. metal products	46	43	3	—	—	—	—
Subtotal primary wood products	32	28	4	—	—	—	—
5540 primary wood prod.	32	28	4	—	—	—	—
Total food and farm products	798	96	586	0	116	116	—
Subtotal fish	4	1	3	0	—	—	—
6134 fish (not shellfish)	3	0	3	0	—	—	—
6136 shellfish	1	1	0	—	—	—	—
Subtotal grain	4	1	2	—	0	0	—
6241 wheat	0	0	—	—	—	—	—
6344 corn	2	1	1	—	—	—	—
6442 rice	1	1	—	—	—	—	—
6443 barley & rye	0	—	0	—	—	—	—
6445 oats	0	—	0	—	—	—	—
6447 sorghum grains	0	0	—	—	0	0	—
Subtotal oilseeds	22	19	3	—	—	—	—
6522 soybeans	19	15	3	—	—	—	—
6590 oilseeds nec	4	4	0	—	—	—	—
Subtotal vegetable products	232	22	97	0	113	113	—
6653 vegetable oils	3	3	0	—	—	—	—
6654 vegetables & prod.	229	19	97	0	113	113	—
Subtotal processed grain and animal feed	302	1	298	—	3	3	—
6746 wheat flour	0	0	0	—	—	—	—
6747 grain mill products	3	1	2	—	—	—	—
6781 hay & fodder	272	0	269	—	3	3	—
6782 animal feed, prep.	27	0	27	—	—	—	—
Subtotal other agricultural products	234	51	183	0	—	—	—
6811 meat, fresh, frozen	1	0	1	—	—	—	—
6817 meat, prepared	0	0	—	—	—	—	—
6822 dairy products	3	0	3	—	—	—	—
6835 fish, prepared	0	0	0	—	—	—	—
6838 tallow, animal oils	0	0	—	—	—	—	—

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Internal	
						Inbound Upbound	Outbound Downbnd
6839 animals & prod. nec	10	0	10	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—
6857 fruit & nuts nec	16	6	10	—	—	—	—
6858 fruit juices	16	14	2	0	—	—	—
6861 sugar	6	6	—	—	—	—	—
6865 molasses	0	0	—	—	—	—	—
6871 coffee	11	11	—	—	—	—	—
6872 cocoa beans	0	0	0	—	—	—	—
6885 alcoholic beverages	9	7	2	—	—	—	—
6888 water & ice	0	0	—	—	—	—	—
6889 food products nec	16	4	12	0	—	—	—
6893 cotton	0	0	—	—	—	—	—
6894 natural fibers nec	1	0	1	—	—	—	—
6899 farm products nec	142	1	142	—	—	—	—
Total all manufactured equipment, machinery and products	495	423	43	0	28	28	0
7110 machinery (not elec)	29	22	8	—	—	—	—
7120 electrical machinery	24	19	5	—	—	—	—
7210 vehicles & parts	237	226	11	—	—	—	—
7220 aircraft & parts	0	0	0	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7400 manufac. wood prod.	9	7	2	—	—	—	—
7500 textile products	21	17	3	—	—	—	—
7600 rubber & plastic pr.	52	41	10	0	—	—	—
7900 manufac. prod. nec	123	90	5	0	28	28	0
Total unknown or not elsewhere classified	32	19	13	0	—	—	—
9900 unknown or nec	32	19	13	0	—	—	—

Tons All Traffic (x1000) **2,810**
Total Trip-ton-miles Internal and Intraport (x1000) **50,451**

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
2003	6,631	2006	8,049	2009	6,819	2012	5,846
2004	6,985	2007	9,708	2010	8,390		
2005	6,266	2008	7,937	2011	7,963		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total, all commodities	5,846	639	4,130	35	1,041	25	12	894	110
Total petroleum and petroleum products	122	9	—	—	112	—	12	19	81
Subtotal petroleum products	122	9	—	—	112	—	12	19	81
2211 gasoline	69	9	—	—	59	—	—	—	59
2340 residual fuel oil	53	—	—	—	53	—	12	19	22
Total chemicals and related products	401	268	123	—	10	—	—	—	10
Subtotal fertilizers	55	27	18	—	10	—	—	—	10
3110 nitrogenous fert.	37	27	—	—	10	—	—	—	10
3130 potassic fert.	18	—	18	—	—	—	—	—	—
Subtotal other chemicals and related products	346	240	106	—	—	—	—	—	—
3212 benzene & toluene	26	26	—	—	—	—	—	—	—
3274 sodium hydroxide	214	214	—	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	50	—	50	—	—	—	—	—	—
3276 metallic salts	55	—	55	—	—	—	—	—	—
Total crude materials, inedible except fuels	1,348	57	1,272	—	19	—	—	—	19
Subtotal forest products, wood and chips	46	1	45	—	—	—	—	—	—
4170 wood in the rough	0	0	—	—	—	—	—	—	—
4189 lumber	46	1	45	—	—	—	—	—	—
Subtotal pulp and waste paper	54	50	5	—	—	—	—	—	—
4225 pulp & waste paper	54	50	5	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	19	—	0	—	19	—	—	—	19
4310 building stone	0	—	0	—	—	—	—	—	—
4331 sand & gravel	19	—	—	—	19	—	—	—	19

PORT OF VANCOUVER, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Subtotal iron ore and scrap	606	0	606	---	---	---	---	---	---
4420 iron & steel scrap	606	0	606	---	---	---	---	---	---
Subtotal non-ferrous ores and scrap	496	6	490	---	---	---	---	---	---
4630 copper ore	481	---	481	---	---	---	---	---	---
4650 aluminum ore	6	6	---	---	---	---	---	---	---
4690 non-ferrous ores nec	9	---	9	---	---	---	---	---	---
Subtotal sulphur, clay and salt	127	---	127	---	---	---	---	---	---
4782 clay & refrac. mat.	127	---	127	---	---	---	---	---	---
Total primary manufactured goods	255	187	13	30	25	25	---	---	0
Subtotal lime, cement and glass	55	---	---	30	25	25	---	---	---
5220 cement & concrete	55	---	---	30	25	25	---	---	---
Subtotal primary iron and steel products	131	131	0	---	0	---	---	---	0
5320 i&s primary forms	50	50	---	---	---	---	---	---	---
5330 i&s plates & sheets	29	29	---	---	---	---	---	---	---
5360 i&s bars & shapes	10	10	---	---	0	---	---	---	0
5370 i&s pipe & tube	41	41	0	---	---	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	67	56	11	---	0	---	---	---	0
5421 copper	1	1	---	---	---	---	---	---	---
5422 aluminum	2	2	---	---	---	---	---	---	---
5429 smelted prod. nec	9	9	---	---	---	---	---	---	---
5480 fab. metal products	54	43	11	---	0	---	---	---	0
Subtotal primary wood products	2	1	2	---	---	---	---	---	---
5540 primary wood prod.	2	1	2	---	---	---	---	---	---
Total food and farm products	3,509	---	2,634	---	875	---	---	875	---
Subtotal grain	3,299	---	2,424	---	875	---	---	875	---
6241 wheat	3,229	---	2,355	---	875	---	---	875	---
6344 corn	69	---	69	---	---	---	---	---	---
Subtotal oilseeds	210	---	210	---	---	---	---	---	---
6522 soybeans	210	---	210	---	---	---	---	---	---
6590 oilseeds nec	0	---	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	137	103	33	0	0	---	---	---	0
7110 machinery (not elec)	16	15	2	0	0	---	---	---	0
7120 electrical machinery	39	16	22	---	---	---	---	---	---
7210 vehicles & parts	66	56	9	0	---	---	---	---	---
7220 aircraft & parts	0	---	0	---	---	---	---	---	---
7230 ships & boats	0	0	0	0	---	---	---	---	---
7500 textile products	0	0	---	---	---	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---	---	---	---
7900 manufac. prod. nec	15	15	0	0	---	---	---	---	---
Total unknown or not elsewhere classified	76	16	55	5	---	---	---	---	---
9900 unknown or nec	76	16	55	5	---	---	---	---	---

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
2003	9,429	2006	10,169	2009	8,216	2012	9,277
2004	9,831	2007	10,993	2010	8,660		
2005	9,926	2008	8,267	2011	8,697		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	9,277	420	5	306	660	1,574	6,116	99	98
Total petroleum and petroleum products	1,500	---	---	---	---	1,485	15	---	---
Subtotal petroleum products	1,500	---	---	---	---	1,485	15	---	---
2211 gasoline	555	---	---	---	---	546	9	---	---
2330 distillate fuel oil	138	---	---	---	---	138	---	---	---
2340 residual fuel oil	808	---	---	---	---	802	6	---	---
Total chemicals and related products	102	---	---	---	---	50	52	---	---
Subtotal fertilizers	50	---	---	---	---	50	---	---	---
3110 nitrogenous fert.	50	---	---	---	---	50	---	---	---

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Internal								
		Inbound		Outbound		Through		Intra		
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Subtotal other chemicals and related products	52	---	---	---	---	---	---	52	---	---
3220 alcohols	52	---	---	---	---	---	---	52	---	---
Total crude materials, inedible except fuels	2,278	420	5	58	533	35	1,031	99	98	
Subtotal forest products, wood and chips	869	2	3	58	362	35	301	44	64	
4150 fuel wood	51	---	---	22	---	30	---	---	---	---
4161 wood chips	642	2	3	34	231	5	292	28	48	
4170 wood in the rough	175	---	---	3	131	---	9	17	16	
Subtotal soil, sand, gravel, rock and stone	1,281	418	2	---	172	---	601	55	34	
4331 sand & gravel	1,281	418	2	---	172	---	601	55	34	
Subtotal iron ore and scrap	129	---	---	---	---	---	129	---	---	
4420 iron & steel scrap	129	---	---	---	---	---	129	---	---	
Total primary manufactured goods	17	---	---	0	---	0	17	---	---	
Subtotal paper products	17	---	---	0	---	---	17	---	---	
5120 paper & paperboard	17	---	---	0	---	---	17	---	---	
Subtotal primary iron and steel products	0	---	---	---	---	0	---	---	---	
5360 i&s bars & shapes	0	---	---	---	---	0	---	---	---	
Total food and farm products	5,104	---	---	0	127	3	4,974	---	---	
Subtotal grain	4,988	---	---	---	127	3	4,858	---	---	
6241 wheat	4,941	---	---	---	127	3	4,810	---	---	
6344 corn	7	---	---	---	---	---	7	---	---	
6443 barley & rye	40	---	---	---	---	---	40	---	---	
6447 sorghum grains	0	---	---	---	---	---	0	---	---	
Subtotal vegetable products	113	---	---	0	---	---	113	---	---	
6654 vegetables & prod.	113	---	---	0	---	---	113	---	---	
Subtotal processed grain and animal feed	3	---	---	---	---	---	3	---	---	
6781 hav & fodder	3	---	---	---	---	---	3	---	---	
Total all manufactured equipment, machinery and products	28	---	---	---	---	0	28	---	---	
7900 manufac. prod. nec	28	---	---	---	---	0	28	---	---	
Total waste and scrap nec	248	---	---	248	---	---	---	---	---	
8900 waste and scrap nec	248	---	---	248	---	---	---	---	---	
Ton-miles (x1000)	733,479	4,619	369	22,400	49,608	133,756	519,826	199	2,701	
Tons All Traffic (x1000)				9,277						
Ton-miles All Traffic (x1000)				733,479						
Total Trip-ton-miles Internal and Intraport (x1000)				2,115,536						

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
2003	8,531	2006	8,934	2009	7,028	2012	8,001
2004	8,942	2007	9,316	2010	7,388		
2005	8,629	2008	6,923	2011	7,176		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound		Through
		Upbound	Downbnd	Upbound	Downbnd	Upbound
Total, all commodities	8,001	502	1	1,712	1,378	4,409
Total petroleum and petroleum products	1,500	230	---	---	1,256	15
Subtotal petroleum products	1,500	230	---	---	1,256	15
2211 gasoline	555	---	---	---	546	9
2330 distillate fuel oil	138	119	---	---	18	---
2340 residual fuel oil	808	110	---	---	692	6
Total chemicals and related products	102	21	---	52	29	---
Subtotal fertilizers	50	21	---	---	29	---
3110 nitrogenous fert.	50	21	---	---	29	---
Subtotal other chemicals and related products	52	---	---	52	---	---
3220 alcohols	52	---	---	52	---	---
Total crude materials, inedible except fuels	1,129	3	1	820	90	216
Subtotal forest products, wood and chips	397	3	1	217	90	87
4150 fuel wood	51	---	---	---	51	---
4161 wood chips	334	---	1	208	38	87
4170 wood in the rough	12	3	---	9	---	---
Subtotal soil, sand, gravel, rock and stone	603	---	---	603	---	---
4331 sand & gravel	603	---	---	603	---	---

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound		Through	
		Upbound	Upbound	Downbnd	Upbound	Downbnd
Subtotal iron ore and scrap	129	---	---	---	---	129
4420 iron & steel scrap	129	---	---	---	---	129
Total primary manufactured goods	17	0	---	0	0	17
Subtotal paper products	17	0	---	0	---	17
5120 paper & paperboard	17	0	---	0	---	17
Subtotal primary iron and steel products	0	---	---	---	0	---
5360 i&s bars & shapes	0	---	---	---	0	---
Total food and farm products	4,977	0	---	813	3	4,161
Subtotal grain	4,861	---	---	793	3	4,065
6241 wheat	4,813	---	---	793	3	4,018
6344 corn	7	---	---	---	---	7
6443 barley & rye	40	---	---	---	---	40
6447 sorghum grains	0	---	---	---	---	0
Subtotal vegetable products	113	0	---	17	---	96
6654 vegetables & prod.	113	0	---	17	---	96
Subtotal processed grain and animal feed	3	---	---	3	---	0
6781 hav & fodder	3	---	---	3	---	0
Total all manufactured equipment, machinery and products	28	0	---	28	---	0
7900 manufac. prod. nec	28	0	---	28	---	0
Total waste and scrap nec	248	248	---	---	---	---
8900 waste and scrap nec	248	248	---	---	---	---
Ton-miles (x1000)	684,917	44,169	13	73,642	135,038	432,054

Tons All Traffic (x1000) **8,001**
 Ton-miles All Traffic (x1000) **684,917**
 Total Trip-ton-miles Internal and Intraport (x1000) **2,028,350**

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
2003	26,796	2006	28,472	2009	23,307	2012	25,549
2004	30,191	2007	31,119	2010	25,949		
2005	28,127	2008	26,668	2011	25,479		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	17,245	2,802	13,869	571	4
Total petroleum and petroleum products	216	82	64	70	---
Subtotal petroleum products	216	82	64	70	---
2211 gasoline	113	77	0	36	---
2330 distillate fuel oil	98	0	64	34	---
2410 petro. jelly & waxes	0	0	---	---	---
2429 naphtha & solvents	0	0	---	---	---
2430 asphalt, tar & pitch	5	5	0	---	---
2540 petroleum coke	0	---	0	---	---
2640 hydrocarbon & petrol gases. liquefied and aseous	0	0	0	---	---
Total chemicals and related products	5,390	327	5,063	---	---
Subtotal fertilizers	2,078	204	1,874	---	---
3110 nitrogenous fert.	204	204	---	---	---
3130 potassic fert.	1,862	---	1,862	---	---
3190 fert. & mixes nec	12	0	12	---	---
Subtotal other chemicals and related products	3,311	122	3,189	---	---
3212 benzene & toluene	6	6	---	---	---
3219 other hydrocarbons	0	0	0	---	---
3220 alcohols	21	1	20	---	---
3230 carboxylic acids	5	2	3	---	---
3240 nitrogen func. comp.	2	2	0	---	---
3250 organo - inorg. comp.	1	1	0	---	---
3260 organic comp. nec	7	4	3	---	---
3272 sulphuric acid	0	---	0	---	---
3273 ammonia	78	78	---	---	---
3274 sodium hydroxide	0	0	---	---	---
3275 inorg. elem., oxides, & halogen salts	29	2	26	---	---
3276 metallic salts	3,107	11	3,096	---	---
3279 inorganic chem. nec	1	1	1	---	---
3281 radioactive material	0	0	0	---	---
3282 pigments & paints	3	1	1	---	---
3283 coloring mat. nec	1	1	---	---	---
3284 medicines	3	1	2	---	---
3285 perfumes & cleansers	2	2	0	---	---
3286 plastics	32	7	25	---	---
3291 pesticides	0	0	0	---	---

PORT OF PORTLAND, OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3292 starches, gluten, glue	2	1	0	—	—
3293 explosives	1	1	—	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	13	1	11	—	—
Total crude materials, inedible except fuels	1,777	110	1,167	500	—
Subtotal forest products, wood and chips	256	64	192	0	—
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	1	0	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	2	1	1	—	—
4189 lumber	253	63	190	0	—
4190 forest products nec	1	0	0	—	—
Subtotal pulp and waste paper	142	3	139	—	—
4225 pulp & waste paper	142	3	139	—	—
Subtotal soil, sand, gravel, rock and stone	430	3	2	425	—
4310 building stone	2	2	—	—	—
4322 limestone	398	0	—	398	—
4331 sand & gravel	31	1	2	28	—
Subtotal iron ore and scrap	855	0	780	75	—
4420 iron & steel scrap	855	0	780	75	—
Subtotal non-ferrous ores and scrap	49	1	49	—	—
4630 copper ore	0	0	—	—	—
4650 aluminum ore	1	1	0	—	—
4680 non-ferrous scrap	45	0	45	—	—
4690 non-ferrous ores nec	4	—	4	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—
4782 clay & refrac. mat.	0	0	0	—	—
Subtotal slag	24	24	—	—	—
4860 slag	24	24	—	—	—
Subtotal other non-metal. min.	20	15	5	—	—
4900 non-metal. min. nec	20	15	5	—	—
Total primary manufactured goods	1,617	1,473	144	0	—
Subtotal paper products	71	11	59	0	—
5110 newsprint	16	0	16	—	—
5120 paper & paperboard	47	6	41	0	—
5190 paper products nec	8	5	2	0	—
Subtotal lime, cement and glass	376	373	3	—	—
5220 cement & concrete	341	341	—	—	—
5240 glass & glass prod.	15	14	0	—	—
5290 misc. mineral prod.	20	17	3	—	—
Subtotal primary iron and steel products	973	940	33	0	—
5312 pig iron	1	1	0	0	—
5315 ferro alloys	10	10	—	—	—
5320 i&s primary forms	938	907	31	—	—
5330 i&s plates & sheets	5	4	1	—	—
5360 i&s bars & shapes	9	8	0	—	—
5370 i&s pipe & tube	8	8	0	—	—
5390 primary i&s nec	2	2	0	—	—
Subtotal primary non-ferrous metal products	165	120	44	—	—
5421 copper	4	1	3	—	—
5422 aluminum	1	1	0	—	—
5429 smelted prod. nec	42	4	38	—	—
5480 fab. metal products	117	115	3	—	—
Subtotal primary wood products	32	28	4	—	—
5540 primary wood prod.	32	28	4	—	—
Total food and farm products	7,352	96	7,256	0	0
Subtotal fish	4	1	3	0	—
6134 fish (not shellfish)	3	0	3	0	—
6136 shellfish	1	1	0	—	—
Subtotal grain	6,125	1	6,123	—	—
6241 wheat	5,996	0	5,996	—	—
6344 corn	48	1	47	—	—
6442 rice	24	1	23	—	—
6443 barley & rye	57	—	57	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	0	—	—	—
Subtotal oilseeds	518	19	499	—	—
6522 soybeans	514	15	499	—	—
6590 oilseeds nec	4	4	0	—	—
Subtotal vegetable products	170	22	148	0	—
6653 vegetable oils	3	3	0	—	—
6654 vegetables & prod.	167	19	148	0	—
Subtotal processed grain and animal feed	299	1	298	—	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	3	1	2	—	—
6781 hay & fodder	269	0	269	—	—
6782 animal feed, prep.	27	0	27	—	—
Subtotal other agricultural products	236	51	185	0	0
6811 meat, fresh, frozen	1	0	1	—	—
6817 meat, prepared	0	0	—	—	—
6822 dairy products	3	0	3	—	—
6835 fish, prepared	0	0	0	—	—
6838 tallow, animal oils	0	0	—	—	—
6839 animals & prod. nec	10	0	10	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	16	6	10	—	—

PORT OF PORTLAND, OR
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6858 fruit juices	17	14	2	0	—
6861 sugar	6	6	—	—	—
6865 molasses	0	0	—	—	—
6871 coffee	13	11	2	—	—
6872 cocoa beans	0	0	0	—	—
6885 alcoholic beverages	9	7	2	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	16	4	12	0	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	1	0	1	—	—
6899 farm products nec	142	1	142	—	0
Total all manufactured equipment, machinery and products	756	696	56	0	4
7110 machinery (not elec)	30	22	8	—	0
7120 electrical machinery	37	20	17	0	—
7210 vehicles & parts	504	493	11	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	—
7400 manufac. wood prod.	9	7	2	—	—
7500 textile products	21	17	3	—	0
7600 rubber & plastic pr.	52	41	11	0	—
7900 manufac. prod. nec	104	96	5	0	3
Total unknown or not elsewhere classified	138	19	118	0	—
9900 unknown or nec	138	19	118	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	8,304	2,313	60	4,115	1,364	452
Total petroleum and petroleum products	3,779	2,313	60	28	1,354	24
Subtotal petroleum products	3,779	2,313	60	28	1,354	24
2211 gasoline	2,070	1,539	2	19	496	14
2330 distillate fuel oil	781	606	38	—	138	—
2340 residual fuel oil	831	72	20	9	721	9
2350 lube oil & greases	97	97	—	—	—	—
Total chemicals and related products	53	—	—	53	—	—
Subtotal fertilizers	1	—	—	1	—	—
3110 nitrogenous fert.	1	—	—	1	—	—
Subtotal other chemicals and related products	52	—	—	52	—	—
3220 alcohols	52	—	—	52	—	—
Total crude materials, inedible except fuels	1,841	—	—	1,416	—	425
Subtotal soil, sand, gravel, rock and stone	1,713	—	—	1,288	—	425
4331 sand & gravel	1,713	—	—	1,288	—	425
Subtotal iron ore and scrap	129	—	—	129	—	—
4420 iron & steel scrap	129	—	—	129	—	—
Total primary manufactured goods	17	—	—	17	0	—
Subtotal paper products	17	—	—	17	—	—
5120 paper & paperboard	17	—	—	17	—	—
Subtotal primary iron and steel products	0	—	—	0	—	—
5360 i&s bars & shapes	0	—	—	0	—	—
Subtotal primary non-ferrous metal products	0	—	—	0	0	—
5480 fab. metal products	0	—	—	0	0	—
Total food and farm products	2,586	—	—	2,572	10	3
Subtotal grain	2,470	—	—	2,457	10	3
6241 wheat	2,437	—	—	2,423	10	3
6443 barley & rye	33	—	—	33	—	—
6447 sorghum grains	0	—	—	0	—	—
Subtotal vegetable products	113	—	—	113	—	—
6654 vegetables & prod.	113	—	—	113	—	—
Subtotal processed grain and animal feed	3	—	—	3	—	—
6781 hav & fodder	3	—	—	3	—	—
Total all manufactured equipment, machinery and products	28	—	—	28	0	—
7900 manufac. prod. nec	28	—	—	28	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
2003	1,261	2006	1,558	2009	469	2012	975
2004	1,503	2007	1,585	2010	597		
2005	1,575	2008	1,161	2011	1,007		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	975	553	422
Total crude materials, inedible except fuels	975	553	422
Subtotal soil, sand, gravel, rock and stone	975	553	422
4331 sand & gravel	975	553	422
Tons All Traffic (x1000)	975		
Total Trip-ton-miles Internal and Intraport (x1000)	63,564		

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
2003	1,883	2006	2,144	2009	1,328	2012	1,958
2004	2,000	2007	1,934	2010	1,586		
2005	2,244	2008	1,733	2011	2,332		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic
		Outbound	Inbound	Outbound	Coastwise Shipments
Total, all commodities	1,958	1,830	9	20	100
Total crude materials, inedible except fuels	1,958	1,830	9	20	100
Subtotal forest products, wood and chips	1,946	1,818	9	20	100
4161 wood chips	1,146	1,078	—	20	48
4170 wood in the rough	502	442	9	—	51
4189 lumber	298	298	—	—	—
Subtotal soil, sand, gravel, rock and stone	12	12	—	—	—
4331 sand & gravel	12	12	—	—	—

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
2003	47,747	2006	53,009	2009	46,372	2012	57,267
2004	54,648	2007	58,871	2010	55,045		
2005	52,296	2008	55,286	2011	54,754		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	43,274	4,861	37,711	618	84
Total petroleum and petroleum products	903	125	635	70	73
Subtotal petroleum products	903	125	635	70	73
2211 gasoline	122	87	0	36	—
2330 distillate fuel oil	98	0	64	34	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	0	0	—	—	—
2430 asphalt, tar & pitch	5	5	0	—	—
2540 petroleum coke	678	34	571	—	73
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	0	—	—
Total chemicals and related products	5,976	652	5,324	—	—
Subtotal fertilizers	2,170	232	1,938	—	—
3110 nitrogenous fert.	231	231	—	—	—
3130 potassic fert.	1,926	—	1,926	—	—
3190 fert. & mixes nec	12	0	12	—	—
Subtotal other chemicals and related products	3,807	420	3,386	—	—
3212 benzene & toluene	89	89	—	—	—
3219 other hydrocarbons	0	0	0	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3220 alcohols	21	1	20	—	—
3230 carboxylic acids	5	2	3	—	—
3240 nitrogen func. comp.	2	2	0	—	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	7	4	3	—	—
3272 sulphuric acid	0	—	0	—	—
3273 ammonia	78	78	—	—	—
3274 sodium hydroxide	214	214	—	—	—
3275 inorg. elem., oxides, & halogen salts	79	2	77	—	—
3276 metallic salts	3,250	11	3,239	—	—
3279 inorganic chem. nec	1	1	1	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	3	1	1	—	—
3283 coloring mat. nec	1	1	—	—	—
3284 medicines	3	1	2	—	—
3285 perfumes & cleansers	2	2	0	—	—
3286 plastics	35	7	29	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	2	1	0	—	—
3293 explosives	1	1	—	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	1	1	—	—	—
3299 chem. products nec	13	1	11	—	—
Total crude materials, inedible except fuels	7,445	939	6,000	500	7
Subtotal forest products, wood and chips	3,751	65	3,679	0	7
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	1	0	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	2,991	1	2,984	—	7
4189 lumber	758	64	694	0	—
4190 forest products nec	1	0	0	—	—
Subtotal pulp and waste paper	248	53	196	—	—
4225 pulp & waste paper	248	53	196	—	—
Subtotal soil, sand, gravel, rock and stone	771	344	2	425	—
4310 building stone	2	2	0	—	—
4322 limestone	398	0	—	398	—
4323 gypsum	341	341	—	—	—
4331 sand & gravel	31	1	2	28	—
Subtotal iron ore and scrap	1,461	0	1,386	75	—
4420 iron & steel scrap	1,461	0	1,386	75	—
Subtotal non-ferrous ores and scrap	835	284	551	—	—
4630 copper ore	494	0	494	—	—
4650 aluminum ore	284	284	0	—	—
4680 non-ferrous scrap	45	0	45	—	—
4690 non-ferrous ores nec	12	—	12	—	—
Subtotal sulphur, clay and salt	174	0	174	—	—
4782 clay & refrac. mat.	174	0	174	—	—
Subtotal slag	24	24	—	—	—
4860 slag	24	24	—	—	—
Subtotal other non-metal. min.	181	169	12	—	—
4900 non-metal. min. nec	181	169	12	—	—
Total primary manufactured goods	2,465	2,184	250	30	—
Subtotal paper products	121	11	110	0	—
5110 newsprint	59	0	59	—	—
5120 paper & paperboard	55	6	49	0	—
5190 paper products nec	8	5	2	0	—
Subtotal lime, cement and glass	406	373	3	30	—
5220 cement & concrete	371	341	—	30	—
5240 glass & glass prod.	15	14	0	—	—
5290 misc. mineral prod.	20	17	3	—	—
Subtotal primary iron and steel products	1,607	1,574	33	0	—
5312 pig iron	1	1	0	0	—
5315 ferro alloys	10	10	—	—	—
5320 i&s primary forms	1,165	1,134	31	—	—
5330 i&s plates & sheets	353	352	1	—	—
5360 i&s bars & shapes	20	20	0	—	—
5370 i&s pipe & tube	56	55	0	—	—
5390 primary i&s nec	2	2	0	—	—
Subtotal primary non-ferrous metal products	253	198	55	—	—
5421 copper	5	2	3	—	—
5422 aluminum	3	3	0	—	—
5429 smelted prod. nec	68	29	38	—	—
5480 fab. metal products	176	163	14	—	—
Subtotal primary wood products	77	28	49	—	—
5540 primary wood prod.	77	28	49	—	—
Total food and farm products	25,183	96	25,074	12	0
Subtotal fish	4	1	3	0	—
6134 fish (not shellfish)	3	0	3	0	—
6136 shellfish	1	1	0	—	—
Subtotal grain	17,176	1	17,175	—	—
6241 wheat	14,673	0	14,673	—	—
6344 corn	2,400	1	2,399	—	—
6442 rice	24	1	23	—	—
6443 barley & rye	80	—	80	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	0	—	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal oilseeds	7,056	19	7,025	12	—
6522 soybeans	6,878	15	6,862	—	—
6590 oilseeds nec	178	4	163	12	—
Subtotal vegetable products	171	22	148	0	—
6653 vegetable oils	3	3	0	—	—
6654 vegetables & prod.	168	19	148	0	—
Subtotal processed grain and animal feed	539	1	538	—	—
6746 wheat flour	64	0	64	—	—
6747 grain mill products	3	1	2	—	—
6781 hay & fodder	335	0	335	—	—
6782 animal feed, prep.	137	0	137	—	—
Subtotal other agricultural products	236	51	185	0	0
6811 meat, fresh, frozen	1	0	1	—	—
6817 meat, prepared	0	0	—	—	—
6822 dairy products	3	0	3	—	—
6835 fish, prepared	0	0	0	—	—
6838 tallow, animal oils	0	0	—	—	—
6839 animals & prod. nec	10	0	10	—	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	16	6	10	—	—
6858 fruit juices	17	14	2	0	—
6861 sugar	6	6	—	—	—
6865 molasses	0	0	—	—	—
6871 coffee	13	11	2	—	—
6872 cocoa beans	0	0	0	—	—
6885 alcoholic beverages	9	7	2	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	16	4	12	0	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	1	0	1	—	—
6899 farm products nec	143	1	142	—	0
Total all manufactured equipment, machinery and products	908	815	89	0	4
7110 machinery (not elec)	50	40	9	0	0
7120 electrical machinery	81	42	39	0	—
7210 vehicles & parts	570	550	20	0	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	0	—
7400 manufac. wood prod.	9	7	2	—	—
7500 textile products	23	20	3	—	0
7600 rubber & plastic pr.	52	41	11	0	—
7900 manufac. prod. nec	123	114	5	0	3
Total unknown or not elsewhere classified	394	51	338	5	—
9900 unknown or nec	394	51	338	5	—
Ton-miles (x1000)	2,028,432	170,329	1,844,103	8,936	5,064
Foreign & Canadian					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	13,993	2,652	273	7,202	3,866
Total petroleum and petroleum products	3,990	2,313	85	1,548	44
Subtotal crude petroleum	14	—	14	—	—
2100 crude petroleum	14	—	14	—	—
Subtotal petroleum products	3,976	2,313	71	1,548	44
2211 gasoline	2,120	1,539	2	579	—
2330 distillate fuel oil	781	606	38	138	—
2340 residual fuel oil	979	72	32	832	44
2350 lube oil & areases	97	97	—	—	—
Total chemicals and related products	104	—	0	103	—
Subtotal fertilizers	52	—	—	52	—
3110 nitrogenous fert.	52	—	—	52	—
Subtotal other chemicals and related products	52	—	0	52	—
3220 alcohols	52	—	—	52	—
3286 plastics	0	—	0	—	—
Total crude materials, inedible except fuels	4,391	310	128	2,679	1,274
Subtotal forest products, wood and chips	1,650	310	127	475	738
4150 fuel wood	51	—	—	51	—
4161 wood chips	1,048	259	—	215	574
4170 wood in the rough	231	51	4	20	156
4189 lumber	320	—	123	189	9
Subtotal soil, sand, gravel, rock and stone	2,612	—	1	2,075	536
4323 gypsum	1	—	1	—	—
4331 sand & gravel	2,612	—	1	2,075	536
Subtotal iron ore and scrap	129	—	—	129	—
4420 iron & steel scrap	129	—	—	129	—
Total primary manufactured goods	94	25	51	17	0
Subtotal paper products	20	—	3	17	—
5120 paper & paperboard	17	—	—	17	—
5190 paper products nec	3	—	3	—	—
Subtotal lime, cement and glass	33	25	8	—	—
5220 cement & concrete	25	25	—	—	—
5290 misc. mineral prod.	8	—	8	—	—

COLUMBIA RIVER SYSTEM
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Subtotal primary iron and steel products	9	---	9	0	---
5360 i&s bars & shapes	9	---	9	0	---
Subtotal primary non-ferrous metal products	19	0	18	0	0
5480 fab. metal products	19	0	18	0	0
Subtotal primary wood products	13	0	13	---	---
5540 primary wood prod.	13	0	13	---	---
Total food and farm products	5,126	---	0	2,579	2,548
Subtotal grain	5,011	---	---	2,463	2,548
6241 wheat	4,963	---	---	2,430	2,533
6344 corn	7	---	---	---	7
6443 barley & rye	40	---	---	33	7
6447 sorghum grains	0	---	---	0	---
Subtotal vegetable products	113	---	---	113	---
6654 vegetables & prod.	113	---	---	113	---
Subtotal processed grain and animal feed	3	---	---	3	---
6781 hay & fodder	3	---	---	3	---
Subtotal other agricultural products	0	---	0	---	---
6858 fruit juices	0	---	0	---	---
Total all manufactured equipment, machinery and products	40	4	8	28	0
7110 machinery (not elec)	10	4	6	---	0
7210 vehicles & parts	0	---	0	---	---
7230 ships & boats	0	0	0	---	---
7900 manufac. prod. nec	29	---	1	28	---
Total waste and scrap nec	248	---	---	248	---
8900 waste and scrap nec	248	---	---	248	---
Ton-miles (x1000)	667,882	36,721	14,469	361,773	254,919
Domestic					
Tons All Traffic (x1000)					57,267
Ton-miles All Traffic (x1000)					2,696,314
Total Trip-ton-miles Internal and Intraport (x1000)					2,146,987

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
2003	1,537	2006	1,281	2009	1,162	2012	1,903
2004	1,654	2007	1,245	2010	1,680		
2005	1,670	2008	1,678	2011	1,651		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Shipments
Total, all commodities	1,903	90	1,698	10	104
Total petroleum and petroleum products	4	4	0	---	---
Subtotal petroleum products	4	4	0	---	---
2330 distillate fuel oil	0	---	0	---	---
2429 naphtha & solvents	0	---	0	---	---
2430 asphalt, tar & pitch	4	4	---	---	---
Total chemicals and related products	94	81	14	---	---
Subtotal other chemicals and related products	94	81	14	---	---
3220 alcohols	81	81	---	---	---
3276 metallic salts	13	---	13	---	---
3285 perfumes & cleansers	0	---	0	---	---
3286 plastics	0	0	---	---	---
Total crude materials, inedible except fuels	394	---	282	8	104
Subtotal forest products, wood and chips	280	---	168	8	104
4161 wood chips	110	---	14	---	95
4170 wood in the rough	149	---	132	8	9
4189 lumber	22	---	22	---	---
Subtotal pulp and waste paper	113	---	113	---	---
4225 pulp & waste paper	113	---	113	---	---
Subtotal other non-metal. min.	0	---	0	---	---
4900 non-metal. min. nec	0	---	0	---	---
Total primary manufactured goods	1	0	1	---	---
Subtotal paper products	0	---	0	---	---
5190 paper products nec	0	---	0	---	---
Subtotal lime, cement and glass	0	---	0	---	---
5290 misc. mineral prod.	0	---	0	---	---
Subtotal primary iron and steel products	0	0	0	---	---
5370 i&s pipe & tube	0	0	0	---	---
Subtotal primary non-ferrous metal products	1	0	0	---	---
5480 fab. metal products	1	0	0	---	---
Total food and farm products	1,278	---	1,275	3	---
Subtotal fish	3	---	---	3	---
6134 fish (not shellfish)	3	---	---	3	---
Subtotal grain	2	---	2	---	---
6344 corn	2	---	2	---	---
Subtotal oilseeds	294	---	294	---	---
6522 soybeans	122	---	122	---	---
6590 oilseeds nec	172	---	172	---	---
Subtotal processed grain and animal feed	979	---	979	---	---
6782 animal feed, prep.	979	---	979	---	---
Subtotal other agricultural products	0	---	---	0	---
6835 fish, prepared	0	---	---	0	---
Total all manufactured equipment, machinery and products	130	5	125	0	---
7110 machinery (not elec)	11	4	6	0	---
7120 electrical machinery	1	0	0	---	---
7210 vehicles & parts	117	0	117	---	---
7230 ships & boats	0	0	0	---	---
7400 manufac. wood prod.	0	---	0	---	---
7500 textile products	0	---	0	---	---
7600 rubber & plastic pr.	0	---	0	---	---
7900 manufac. prod. nec	1	0	1	---	---
Total unknown or not elsewhere classified	1	---	1	---	---
9900 unknown or nec	1	---	1	---	---

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 mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	1,812	2006	1,196	2009	649	2012	731
2004	1,617	2007	1,906	2010	720		
2005	1,853	2008	1,245	2011	927		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	516	31	391	75	20
Total petroleum and petroleum products	20	---	---	---	20
Subtotal petroleum products	20	---	---	---	20
2330 distillate fuel oil	20	---	---	---	20
Total crude materials, inedible except fuels	496	31	391	75	---
Subtotal forest products, wood and chips	465	---	391	75	---
4170 wood in the rough	367	---	316	51	---
4189 lumber	98	---	74	24	---
Subtotal slag	31	31	---	---	---
4860 slag	31	31	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---
7120 electrical machinery	0	0	---	---	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
Total, all commodities	215	5	18	134	52	5
Total petroleum and petroleum products	195	5	18	134	33	5
Subtotal petroleum products	195	5	18	134	33	5
2211 gasoline	6	---	6	---	---	---
2330 distillate fuel oil	14	---	11	3	---	---
2340 residual fuel oil	174	5	---	131	33	5
2350 lube oil & areases	0	---	---	0	---	0
Total crude materials, inedible except fuels	19	---	---	---	19	---
Subtotal forest products, wood and chips	19	---	---	---	19	---
4170 wood in the rough	19	---	---	---	19	---

HAMMERSLEY INLET, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	442	2006	474	2009	476	2012	797
2004	499	2007	364	2010	420		
2005	490	2008	450	2011	511		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Outbound	Intra
		Upbound	Downbnd	Upbound
Total, all commodities	797	266	529	2
Total crude materials, inedible except fuels	797	266	529	2
Subtotal forest products, wood and chips	406	266	138	2
4161 wood chips	76	3	71	2
4170 wood in the rough	330	263	67	---
Subtotal soil, sand, gravel, rock and stone	391	0	391	---
4331 sand & gravel	391	0	391	---
Total all manufactured equipment, machinery and products	0	0	---	---
7110 machinery (not elec)	0	0	---	---
Ton-miles (x1000)	7,956	2,662	5,292	2

Tons All Traffic (x1000) 797
 Ton-miles All Traffic (x1000) 7,956
 Total Trip-ton-miles Internal and Inraport (x1000) 39,118

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 mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	1,419	2006	982	2009	995	2012	1,354
2004	1,701	2007	950	2010	1,269		
2005	1,460	2008	1,026	2011	1,357		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Internal		
					Receipts	Shipments	Intraport	
Total, all commodities	1,354	30	304	89	930	349	240	342
Total crude materials, inedible except fuels	1,323	0	304	89	930	349	240	342
Subtotal forest products, wood and chips	1,323	0	304	89	930	348	240	342
4170 wood in the rough	1,309	0	290	89	930	348	240	342
4189 lumber	14	---	14	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	0	---	---	---	0	0	---	---
4331 sand & gravel	0	---	---	---	0	0	---	---
Total primary manufactured goods	30	30	0	---	---	---	---	---
Subtotal lime, cement and glass	26	26	---	---	---	---	---	---
5290 misc. mineral prod.	26	26	---	---	---	---	---	---
Subtotal primary iron and steel products	4	4	---	---	---	---	---	---
5330 i&s plates & sheets	2	2	---	---	---	---	---	---
5370 i&s pipe & tube	3	3	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	---	0	---	---	---	---	---
5480 fab. metal products	0	---	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	0	---	0	0	---	---
7110 machinery (not elec)	0	---	0	---	0	0	---	---
7600 rubber & plastic pr.	0	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
2003	22,966	2006	26,033	2009	23,165	2012	24,918
2004	26,377	2007	26,944	2010	22,399		
2005	28,289	2008	27,166	2011	24,151		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	19,035	5,398	12,090	1,205	342
Total coal	15	0	1	14	---
1100 coal & lignite	15	0	1	14	---
Total petroleum and petroleum products	737	1	10	647	78
Subtotal crude petroleum	425	---	---	425	---
2100 crude petroleum	425	---	---	425	---
Subtotal petroleum products	311	1	10	222	78
2211 gasoline	246	0	6	214	26
2330 distillate fuel oil	62	0	2	8	52
2340 residual fuel oil	0	0	---	---	---
2350 lube oil & greases	0	0	0	---	---
2410 petro. jelly & waxes	1	1	0	---	---
2429 naphtha & solvents	0	0	0	---	---
2430 asphalt, tar & pitch	0	0	0	---	---
2540 petroleum coke	0	0	0	---	---
2640 hydrocarbon & petrol gases, liquefied and aeseous	2	0	2	---	---
Total chemicals and related products	772	304	221	0	247
Subtotal fertilizers	5	1	4	---	---
3110 nitrogenous fert.	0	0	0	---	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	1	0	1	---	---
3190 fert. & mixes nec	4	1	2	---	---
Subtotal other chemicals and related products	767	303	218	0	247
3211 acyclic hydrocarbons	0	0	0	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	9	8	1	---	---
3220 alcohols	6	5	1	---	---
3230 carboxylic acids	19	10	9	---	---
3240 nitrogen func. comp.	18	11	7	---	---
3250 organo - inorg. comp.	13	11	2	---	---

TACOMA HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3260 organic comp. nec	11	9	2	—	—
3272 sulphuric acid	2	1	0	—	—
3273 ammonia	1	1	0	—	—
3274 sodium hydroxide	2	1	1	—	—
3275 inorg. elem., oxides, & halogen salts	36	19	17	0	—
3276 metallic salts	62	13	6	—	43
3279 inorganic chem. nec	12	7	5	—	—
3281 radioactive material	1	1	0	—	—
3282 pigments & paints	21	18	3	—	—
3283 coloring mat. nec	5	3	2	—	—
3284 medicines	34	17	17	—	—
3285 perfumes & cleansers	28	12	15	—	—
3286 plastics	224	113	107	—	4
3291 pesticides	10	10	0	—	—
3292 starches, gluten, glue	19	11	8	—	—
3293 explosives	4	4	0	—	—
3297 chemical additives	7	2	4	—	—
3298 wood & resin chem.	1	1	0	—	—
3299 chem. products nec	222	12	10	0	200
Total crude materials, inedible except fuels	3,901	327	3,026	537	12
Subtotal forest products, wood and chips	1,330	59	1,235	36	—
4110 rubber & gums	2	2	0	—	—
4150 fuel wood	0	0	0	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	743	2	707	34	—
4189 lumber	578	52	524	2	—
4190 forest products nec	7	3	4	—	—
Subtotal pulp and waste paper	476	2	472	2	—
4225 pulp & waste paper	476	2	472	2	—
Subtotal soil, sand, gravel, rock and stone	453	252	4	185	12
4310 building stone	11	8	4	—	—
4322 limestone	138	0	0	137	—
4323 gypsum	270	239	0	31	—
4331 sand & gravel	34	5	0	17	12
Subtotal iron ore and scrap	1,456	1	1,157	298	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	1,456	0	1,157	298	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	77	4	56	17	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	4	2	2	—	—
4680 non-ferrous scrap	64	1	46	17	—
4690 non-ferrous ores nec	9	2	8	—	—
Subtotal sulphur, clay and salt	71	1	70	—	—
4741 sulphur, (dry)	2	0	2	—	—
4782 clay & refrac. mat.	70	1	69	—	—
Subtotal other non-metal. min.	38	7	31	—	—
4900 non-metal. min. nec	38	7	31	—	—
Total primary manufactured goods	1,551	1,019	532	0	—
Subtotal paper products	420	87	334	—	—
5110 newsprint	25	1	24	—	—
5120 paper & paperboard	306	31	275	—	—
5190 paper products nec	90	55	35	—	—
Subtotal lime, cement and glass	229	206	24	0	—
5210 lime	0	0	0	—	—
5220 cement & concrete	3	0	3	—	—
5240 glass & glass prod.	81	68	14	0	—
5290 misc. mineral prod.	145	137	7	—	—
Subtotal primary iron and steel products	172	107	65	—	—
5312 pig iron	7	5	2	—	—
5315 ferro alloys	4	1	3	—	—
5320 i&s primary forms	65	9	57	—	—
5330 i&s plates & sheets	9	9	0	—	—
5360 i&s bars & shapes	18	17	1	—	—
5370 i&s pipe & tube	55	54	1	—	—
5390 primary i&s nec	14	13	1	—	—
Subtotal primary non-ferrous metal products	661	561	100	0	—
5421 copper	7	6	1	0	—
5422 aluminum	32	22	10	—	—
5429 smelted prod. nec	72	13	59	—	—
5480 fab. metal products	550	520	30	—	—
Subtotal primary wood products	69	59	10	—	—
5540 primary wood prod.	69	59	10	—	—
Total food and farm products	8,209	270	7,936	2	1
Subtotal fish	105	14	91	0	0
6134 fish (not shellfish)	96	8	87	—	0
6136 shellfish	10	5	4	0	—
Subtotal grain	1,926	6	1,919	2	—
6241 wheat	11	0	11	—	—
6344 corn	1,905	0	1,903	2	—
6442 rice	6	6	1	—	—
6443 barley & rye	4	—	4	—	—
6445 oats	0	—	0	—	—
Subtotal oilseeds	3,207	22	3,185	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	3,149	21	3,128	—	—

TACOMA HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	58	1	57	—	—
Subtotal vegetable products	546	30	516	—	0
6653 vegetable oils	5	4	1	—	—
6654 vegetables & prod.	540	26	515	—	0
Subtotal processed grain and animal feed	1,473	10	1,463	0	0
6746 wheat flour	6	1	5	—	—
6747 grain mill products	29	2	27	—	0
6781 hay & fodder	1,027	2	1,025	—	—
6782 animal feed, prep.	411	6	405	0	—
Subtotal other agricultural products	952	189	763	0	0
6811 meat, fresh, frozen	215	13	202	—	—
6817 meat, prepared	6	0	6	—	—
6822 dairy products	73	0	73	—	—
6835 fish, prepared	10	3	6	—	—
6838 tallow, animal oils	17	0	17	—	—
6839 animals & prod. nec	87	5	82	—	0
6856 bananas & plantains	8	8	0	—	—
6857 fruit & nuts nec	170	24	146	—	—
6858 fruit juices	55	38	18	—	—
6861 sugar	13	12	0	—	—
6865 molasses	5	5	—	—	—
6871 coffee	23	11	11	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	28	19	9	0	—
6888 water & ice	3	0	2	—	—
6889 food products nec	155	45	110	—	—
6891 tobacco & products	0	0	—	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	4	2	2	—	—
6899 farm products nec	80	1	78	—	—
Total all manufactured equipment, machinery and products	3,630	3,322	304	1	3
7110 machinery (not elec)	594	511	83	—	0
7120 electrical machinery	466	444	21	0	0
7210 vehicles & parts	845	800	45	0	0
7220 aircraft & parts	11	6	4	—	—
7230 ships & boats	6	2	1	0	3
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	61	54	7	—	—
7500 textile products	256	231	25	—	—
7600 rubber & plastic pr.	335	280	54	—	0
7900 manufac. prod. nec	1,056	993	63	0	0
Total unknown or not elsewhere classified	218	153	60	4	1
9900 unknown or nec	218	153	60	4	1

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	5,884	1,841	1,876	1,222	438	507
Total petroleum and petroleum products	3,531	1,562	460	843	159	507
Subtotal crude petroleum	1,546	1,524	—	22	—	—
2100 crude petroleum	1,546	1,524	—	22	—	—
Subtotal petroleum products	1,985	38	460	820	159	507
2211 gasoline	455	14	24	409	8	—
2330 distillate fuel oil	669	19	357	237	56	—
2340 residual fuel oil	824	—	51	174	93	507
2350 lube oil & greases	33	5	28	0	—	—
2429 naphtha & solvents	3	—	—	—	3	—
2990 petro. products nec	0	—	0	—	—	—
Total chemicals and related products	0	—	0	—	—	—
Subtotal fertilizers	0	—	0	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—
Subtotal other chemicals and related products	0	—	0	—	—	—
3220 alcohols	0	—	0	—	—	—
3260 organic comp. nec	0	—	0	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—
3284 medicines	0	—	0	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—
3299 chem. products nec	0	—	0	—	—	—
Total crude materials, inedible except fuels	725	34	40	379	274	—
Subtotal forest products, wood and chips	538	1	40	322	176	—
4161 wood chips	74	—	—	71	3	—
4170 wood in the rough	424	—	—	251	173	—
4189 lumber	40	1	40	—	—	—
Subtotal soil, sand, gravel, rock and stone	155	—	—	57	98	—
4331 sand & gravel	155	—	—	57	98	—
Subtotal iron ore and scrap	33	33	—	—	—	—
4420 iron & steel scrap	33	33	—	—	—	—
Total primary manufactured goods	1	0	0	—	1	—
Subtotal paper products	0	—	0	—	—	—
5110 newsprint	0	—	0	—	—	—
5190 paper products nec	0	—	0	—	—	—

TACOMA HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal lime, cement and glass	0	---	0	---	---	---
5290 misc. mineral prod.	0	---	0	---	---	---
Subtotal primary iron and steel products	0	0	---	---	---	---
5360 i&s bars & shapes	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	1	0	0	---	1	---
5480 fab. metal products	1	0	0	---	1	---
Total food and farm products	229	15	214	---	---	---
Subtotal fish	13	13	---	---	---	---
6134 fish (not shellfish)	13	13	---	---	---	---
Subtotal vegetable products	0	---	0	---	---	---
6654 vegetables & prod.	0	---	0	---	---	---
Subtotal processed grain and animal feed	0	0	0	---	---	---
6782 animal feed, prep.	0	0	0	---	---	---
Subtotal other agricultural products	216	2	214	---	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---
6822 dairy products	0	---	0	---	---	---
6835 fish, prepared	1	1	---	---	---	---
6885 alcoholic beverages	1	---	1	---	---	---
6887 groceries	210	1	209	---	---	---
6889 food products nec	4	0	4	---	---	---
6899 farm products nec	0	---	0	---	---	---
Total all manufactured equipment, machinery and products	1,378	227	1,146	0	4	---
7110 machinery (not elec)	1	0	0	0	---	---
7120 electrical machinery	0	0	0	---	---	---
7210 vehicles & parts	109	17	92	---	---	---
7220 aircraft & parts	4	---	---	---	4	---
7300 ordnance & access.	3	0	2	---	---	---
7400 manufac. wood prod.	0	0	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---
7900 manufac. prod. nec	1,262	210	1,051	---	---	---
Total unknown or not elsewhere classified	19	3	15	---	---	---
9900 unknown or nec	19	3	15	---	---	---

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
2003	19,448	2006	27,974	2009	24,608	2012	23,748
2004	23,794	2007	28,169	2010	27,192		
2005	28,081	2008	26,169	2011	26,610		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	18,425	6,207	9,913	2,080	225
Total coal	12	0	1	11	---
1100 coal & lignite	12	0	1	11	---
Total petroleum and petroleum products	285	64	26	76	119
Subtotal petroleum products	285	64	26	76	119
2211 gasoline	38	0	0	37	---
2330 distillate fuel oil	181	62	23	36	60
2340 residual fuel oil	23	0	---	---	23
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	10	0	0	3	7
2430 asphalt, tar & pitch	0	0	0	---	---
2540 petroleum coke	31	0	0	---	30
2640 hydrocarbon & petrol gases, liquefied and gaseous	2	1	2	---	---
Total chemicals and related products	766	502	205	56	3
Subtotal fertilizers	35	29	2	4	---
3110 nitrogenous fert.	22	18	0	4	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	4	4	0	---	---
3190 fert. & mixes nec	8	7	1	---	---
Subtotal other chemicals and related products	732	473	203	52	3
3211 acyclic hydrocarbons	0	0	0	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	6	4	1	---	---
3220 alcohols	8	6	2	0	---
3230 carboxylic acids	24	21	3	---	---
3240 nitrogen func. comp.	35	24	11	---	---
3250 organo - inorg. comp.	18	15	1	1	---
3260 organic comp. nec	23	18	5	---	---
3272 sulphuric acid	1	1	0	---	---

SEATTLE HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	1	1	1	—	—
3275 inorg. elem., oxides, & halogen salts	116	43	29	45	—
3276 metallic salts	134	113	15	6	—
3279 inorganic chem. nec	14	9	5	—	—
3281 radioactive material	2	1	1	—	—
3282 pigments & paints	13	11	2	—	—
3283 coloring mat. nec	7	5	2	—	—
3284 medicines	29	17	12	—	—
3285 perfumes & cleansers	29	18	11	—	—
3286 plastics	194	111	83	0	—
3291 pesticides	7	7	0	—	—
3292 starches, gluten, glue	25	20	5	—	—
3293 explosives	4	3	0	—	—
3297 chemical additives	5	2	3	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	37	23	11	0	3
Total crude materials, inedible except fuels	3,522	473	1,622	1,349	79
Subtotal forest products, wood and chips	574	82	485	7	—
4110 rubber & gums	3	3	0	—	—
4150 fuel wood	1	1	0	—	—
4161 wood chips	0	0	—	—	—
4170 wood in the rough	143	6	131	6	—
4189 lumber	416	67	348	1	—
4190 forest products nec	11	5	6	—	—
Subtotal pulp and waste paper	869	3	866	0	—
4225 pulp & waste paper	869	3	866	0	—
Subtotal soil, sand, gravel, rock and stone	1,407	218	2	1,109	77
4310 building stone	22	21	1	—	—
4322 limestone	737	0	0	737	—
4323 gypsum	221	189	0	32	—
4331 sand & gravel	427	7	1	341	77
Subtotal iron ore and scrap	253	0	78	174	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	252	0	78	174	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	99	10	89	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	9	7	2	—	—
4680 non-ferrous scrap	83	1	82	—	—
4690 non-ferrous ores nec	6	2	4	—	—
Subtotal sulphur, clay and salt	76	4	71	—	1
4741 sulphur, (dry)	6	0	6	—	—
4782 clay & refrac. mat.	70	4	65	—	1
Subtotal slag	144	116	—	28	—
4860 slag	144	116	—	28	—
Subtotal other non-metal. min.	101	40	31	30	—
4900 non-metal. min. nec	101	40	31	30	—
Total primary manufactured goods	2,995	1,582	844	548	21
Subtotal paper products	680	96	543	40	—
5110 newsprint	199	0	158	40	—
5120 paper & paperboard	393	40	353	—	—
5190 paper products nec	88	56	32	—	—
Subtotal lime, cement and glass	1,335	743	63	508	21
5210 lime	9	0	—	9	—
5220 cement & concrete	855	335	0	499	21
5240 glass & glass prod.	111	62	49	—	—
5290 misc. mineral prod.	360	346	14	—	—
Subtotal primary iron and steel products	195	167	27	0	—
5312 pig iron	5	4	1	—	—
5315 ferro alloys	17	17	—	—	—
5320 i&s primary forms	30	7	23	0	—
5330 i&s plates & sheets	18	17	1	—	—
5360 i&s bars & shapes	25	24	1	—	—
5370 i&s pipe & tube	80	78	1	—	—
5390 primary i&s nec	20	20	0	—	—
Subtotal primary non-ferrous metal products	712	516	196	0	—
5421 copper	13	8	5	0	—
5422 aluminum	65	53	12	—	—
5429 smelted prod. nec	154	13	141	—	—
5480 fab. metal products	479	442	37	0	—
Subtotal primary wood products	73	59	14	—	—
5540 primary wood prod.	73	59	14	—	—
Total food and farm products	7,408	576	6,813	17	2
Subtotal fish	265	64	201	0	1
6134 fish (not shellfish)	244	46	196	0	1
6136 shellfish	22	17	4	—	—
Subtotal grain	1,972	20	1,952	—	—
6241 wheat	104	0	104	—	—
6344 corn	1,846	1	1,845	—	—
6442 rice	20	19	0	—	—
6443 barley & rye	3	0	2	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	1,725	21	1,704	—	—
6521 peanuts	1	1	0	—	—

SEATTLE HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6522 soybeans	1,704	16	1,688	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	20	4	15	—	—
Subtotal vegetable products	738	54	684	0	0
6653 vegetable oils	9	7	1	—	—
6654 vegetables & prod.	729	46	682	0	0
Subtotal processed grain and animal feed	1,296	12	1,268	16	1
6746 wheat flour	11	1	10	—	1
6747 grain mill products	45	4	41	—	—
6781 hay & fodder	940	1	939	—	—
6782 animal feed, prep.	299	6	278	16	—
Subtotal other agricultural products	1,412	406	1,005	1	0
6811 meat, fresh, frozen	192	21	171	0	0
6817 meat, prepared	3	0	3	—	—
6822 dairy products	136	2	135	—	—
6835 fish, prepared	25	6	19	—	—
6838 tallow, animal oils	3	0	2	—	—
6839 animals & prod. nec	51	5	46	0	—
6856 bananas & plantains	13	13	0	—	—
6857 fruit & nuts nec	392	47	346	—	0
6858 fruit juices	99	78	21	1	—
6861 sugar	1	1	0	—	—
6865 molasses	64	64	—	—	—
6871 coffee	64	52	12	—	—
6872 cocoa beans	3	3	—	—	—
6885 alcoholic beverages	56	51	5	0	—
6888 water & ice	1	1	0	—	—
6889 food products nec	222	55	167	0	0
6891 tobacco & products	0	0	—	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	4	2	2	0	—
6899 farm products nec	81	4	77	0	0
Total all manufactured equipment, machinery and products	3,273	2,927	331	15	0
7110 machinery (not elec)	501	419	82	0	—
7120 electrical machinery	451	416	35	—	—
7210 vehicles & parts	319	287	32	—	—
7220 aircraft & parts	17	13	4	—	—
7230 ships & boats	3	2	1	0	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	59	51	8	0	—
7500 textile products	383	321	48	14	—
7600 rubber & plastic pr.	363	305	58	0	—
7900 manufac. prod. nec	1,177	1,113	63	1	0
Total unknown or not elsewhere classified	163	83	72	8	1
9900 unknown or nec	163	83	72	8	1

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	5,323	476	1,180	2,715	556	396
Total petroleum and petroleum products	1,331	259	19	530	205	318
Subtotal crude petroleum	0	—	0	—	—	—
2100 crude petroleum	0	—	0	—	—	—
Subtotal petroleum products	1,330	259	19	530	205	318
2211 gasoline	152	72	6	71	2	1
2330 distillate fuel oil	212	125	0	63	9	16
2340 residual fuel oil	904	37	1	396	170	300
2350 lube oil & greases	5	2	0	0	3	1
2429 naphtha & solvents	1	—	0	0	1	—
2430 asphalt, tar & pitch	4	—	2	0	1	—
2540 petroleum coke	6	—	0	—	6	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	13	1	5	0	6	—
2990 petro. products nec	32	22	3	1	7	—
Total chemicals and related products	60	7	37	2	14	—
Subtotal fertilizers	20	0	19	—	0	—
3110 nitrogenous fert.	1	—	1	—	0	—
3130 potassic fert.	0	—	0	—	—	—
3190 fert. & mixes nec	18	0	18	—	—	—
Subtotal other chemicals and related products	40	7	18	2	14	—
3220 alcohols	0	—	0	—	0	—
3240 nitrogen func. comp.	1	—	0	—	1	—
3260 organic comp. nec	8	0	0	0	7	—
3274 sodium hydroxide	0	0	—	—	—	—
3276 metallic salts	2	—	1	—	0	—
3282 pigments & paints	1	0	0	0	1	—
3284 medicines	1	—	0	0	0	—
3285 perfumes & cleansers	0	—	0	—	0	—
3286 plastics	9	0	9	0	0	—
3293 explosives	3	—	2	—	1	—
3297 chemical additives	0	—	0	—	0	—
3299 chem. products nec	16	6	5	2	3	—
Total crude materials, inedible except fuels	2,290	8	260	1,957	31	33
Subtotal forest products, wood and chips	245	0	223	4	15	2
4110 rubber & gums	0	—	0	—	—	—

SEATTLE HARBOR, WA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
4150 fuel wood	1	—	—	0	1	—
4161 wood chips	3	—	—	3	—	—
4170 wood in the rough	4	0	1	1	1	2
4189 lumber	217	0	207	0	9	—
4190 forest products nec	20	0	16	0	4	—
Subtotal pulp and waste paper	1	0	—	0	—	—
4225 pulp & waste paper	1	0	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	1,938	0	22	1,872	13	31
4310 building stone	0	—	—	—	0	—
4331 sand & gravel	1,933	0	22	1,867	13	31
4338 soil & fill dirt	5	0	0	4	—	—
Subtotal iron ore and scrap	85	4	0	81	0	—
4410 iron ore	78	0	0	78	0	—
4420 iron & steel scrap	7	4	0	3	—	—
Subtotal non-ferrous ores and scrap	4	—	4	—	—	—
4630 copper ore	4	—	4	—	—	—
Subtotal sulphur, clay and salt	0	—	—	—	0	—
4782 clay & refrac. mat.	0	—	—	—	0	—
Subtotal other non-metal. min.	17	3	11	—	3	—
4900 non-metal. min. nec	17	3	11	—	3	—
Total primary manufactured goods	466	4	324	15	94	29
Subtotal paper products	83	1	69	7	6	—
5110 newsprint	4	—	3	0	0	—
5120 paper & paperboard	7	0	—	7	—	—
5190 paper products nec	72	0	66	0	6	—
Subtotal lime, cement and glass	204	0	121	1	62	20
5210 lime	9	—	7	—	2	—
5220 cement & concrete	85	0	26	0	47	12
5240 glass & glass prod.	7	0	6	0	1	—
5290 misc. mineral prod.	103	0	82	0	13	7
Subtotal primary iron and steel products	33	0	31	0	2	—
5330 i&s plates & sheets	0	—	0	—	—	—
5360 i&s bars & shapes	17	0	16	—	1	—
5370 i&s pipe & tube	16	—	15	0	1	—
5390 primary i&s nec	0	—	0	—	0	—
Subtotal primary non-ferrous metal products	109	3	68	8	21	9
5421 copper	0	—	—	—	0	—
5480 fab. metal products	109	3	68	8	21	9
Subtotal primary wood products	37	0	34	0	3	—
5540 primary wood prod.	37	0	34	0	3	—
Total food and farm products	630	158	225	139	104	4
Subtotal fish	220	125	6	88	1	—
6134 fish (not shellfish)	207	113	6	87	1	—
6136 shellfish	13	12	0	1	0	—
Subtotal vegetable products	26	1	26	—	—	—
6653 vegetable oils	0	0	—	—	—	—
6654 vegetables & prod.	26	0	26	—	—	—
Subtotal processed grain and animal feed	40	1	37	1	1	—
6747 grain mill products	8	—	8	1	—	—
6781 hay & fodder	3	—	3	—	0	—
6782 animal feed, prep.	29	1	27	—	1	—
Subtotal other agricultural products	344	31	156	50	102	4
6811 meat, fresh, frozen	0	0	0	—	—	—
6822 dairy products	1	—	1	—	—	—
6835 fish, prepared	42	19	1	22	0	—
6838 tallow, animal oils	3	2	—	0	—	—
6839 animals & prod. nec	2	2	0	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—
6865 molasses	7	3	—	—	—	4
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	81	1	37	26	17	—
6887 groceries	83	0	13	1	69	—
6888 water & ice	0	—	—	—	0	—
6889 food products nec	120	3	101	0	15	—
6891 tobacco & products	0	—	0	—	—	—
6899 farm products nec	4	0	4	—	0	—
Total all manufactured equipment, machinery and products	518	40	314	44	109	12
7110 machinery (not elec)	51	5	25	7	9	5
7120 electrical machinery	6	0	3	0	2	—
7210 vehicles & parts	47	13	22	4	8	—
7220 aircraft & parts	10	0	—	0	3	7
7230 ships & boats	3	0	1	0	1	—
7300 ordnance & access.	0	—	—	—	0	—
7400 manufac. wood prod.	106	3	89	2	12	—
7500 textile products	5	0	1	0	4	—
7600 rubber & plastic pr.	4	0	1	0	1	—
7900 manufac. prod. nec	287	18	173	29	67	—
Total waste and scrap nec	29	1	0	27	0	0
8900 waste and scrap nec	29	1	0	27	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
2003	1,105	2006	866	2009	585	2012	454
2004	1,057	2007	1,448	2010	603		
2005	1,159	2008	1,537	2011	364		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Canadian		Coastwise		Domestic			
		Outbound	Total	Receipts	Shipments	Inbound		Internal	
						Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	453	1	453	44	25	198	9	169	8
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	376	---	376	2	6	198	---	167	4
Subtotal forest products, wood and chips	2	---	2	---	---	---	---	2	0
4170 wood in the rough	2	---	2	---	---	---	---	2	0
Subtotal soil, sand, gravel, rock and stone	366	---	366	---	---	198	---	165	4
4331 sand & gravel	366	---	366	---	---	198	---	165	4
Subtotal other non-metal. min.	8	---	8	2	6	---	---	---	---
4900 non-metal. min. nec	8	---	8	2	6	---	---	---	---
Total primary manufactured goods	27	---	27	---	13	---	9	1	4
Subtotal paper products	6	---	6	---	6	---	---	---	---
5190 paper products nec	6	---	6	---	6	---	---	---	---
Subtotal lime, cement and glass	7	---	7	---	---	---	7	0	---
5290 misc. mineral prod.	7	---	7	---	---	---	7	0	---
Subtotal primary non-ferrous metal products	13	---	13	---	6	---	2	1	4
5480 fab. metal products	13	---	13	---	6	---	2	1	4
Total food and farm products	43	---	43	43	---	---	---	---	---
Subtotal fish	43	---	43	43	---	---	---	---	---
6134 fish (not shellfish)	43	---	43	43	---	---	---	---	---
Total all manufactured equipment, machinery and products	7	---	7	---	6	---	---	1	---
7110 machinery (not elec)	1	---	1	---	---	---	---	1	---
7900 manufac. prod. nec	6	---	6	---	6	---	---	---	---
Total unknown or not elsewhere classified	1	1	---	---	---	---	---	---	---
9900 unknown or nec	1	1	---	---	---	---	---	---	---
Tons All Traffic (x1000)			454						
Total Trip-ton-miles Internal and Intraport (x1000)			20,967						

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
2003	2,712	2006	2,070	2009	1,006	2012	1,479
2004	3,021	2007	2,554	2010	1,380		
2005	2,318	2008	2,837	2011	1,093		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Internal	
						Receipts	Shipments	
Total, all commodities	1,479	90	183	30	149	1,028	452	576
Total petroleum and petroleum products	1	---	0	---	---	1	1	---
Subtotal petroleum products	1	---	0	---	---	1	1	---
2211 gasoline	0	---	0	---	---	---	---	---
2330 distillate fuel oil	1	---	0	---	---	0	0	---
2340 residual fuel oil	0	---	---	---	---	0	0	---
Total chemicals and related products	18	14	4	---	---	---	---	---
Subtotal fertilizers	0	0	---	---	---	---	---	---
3190 fert. & mixes nec	0	0	---	---	---	---	---	---

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Internal	
							Receipts	Shipments
Subtotal other chemicals and related products	18	14	4	---	---	---	---	---
3219 other hydrocarbons	0	0	---	---	---	---	---	---
3220 alcohols	0	0	0	---	---	---	---	---
3230 carboxylic acids	0	0	---	---	---	---	---	---
3240 nitrogen func. comp.	1	1	0	---	---	---	---	---
3250 organo - inorg. comp.	1	1	---	---	---	---	---	---
3260 organic comp. nec	1	1	---	---	---	---	---	---
3272 sulphuric acid	0	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---	---	---
3276 metallic salts	9	7	2	---	---	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---	---	---
3281 radioactive material	1	---	1	---	---	---	---	---
3282 pigments & paints	0	0	---	---	---	---	---	---
3284 medicines	0	0	---	---	---	---	---	---
3285 perfumes & cleansers	0	0	0	---	---	---	---	---
3286 plastics	4	3	1	---	---	---	---	---
3292 starches, gluten, glue	0	0	---	---	---	---	---	---
3293 explosives	0	0	---	---	---	---	---	---
3297 chemical additives	0	0	---	---	---	---	---	---
3299 chem. products nec	0	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,344	14	140	28	144	1,018	442	576
Subtotal forest products, wood and chips	1,064	0	140	15	144	766	292	474
4110 rubber & gums	0	0	---	---	---	---	---	---
4161 wood chips	265	---	---	---	144	121	2	120
4170 wood in the rough	799	0	139	15	---	645	291	354
4189 lumber	0	0	0	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	266	0	---	14	---	252	150	102
4331 sand & gravel	266	0	---	14	---	252	150	102
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---	---	---
4650 aluminum ore	0	0	---	---	---	---	---	---
Subtotal sulphur, clay and salt	13	13	---	---	---	---	---	---
4782 clay & refrac. mat.	13	13	---	---	---	---	---	---
Subtotal other non-metal. min.	0	---	0	---	---	---	---	---
4900 non-metal. min. nec	0	---	0	---	---	---	---	---
Total primary manufactured goods	14	11	1	---	0	2	2	---
Subtotal paper products	4	4	0	---	---	---	---	---
5120 paper & paperboard	4	4	---	---	---	---	---	---
5190 paper products nec	0	0	0	---	---	---	---	---
Subtotal lime, cement and glass	1	1	---	---	---	---	---	---
5220 cement & concrete	0	0	---	---	---	---	---	---
5240 glass & glass prod.	0	0	---	---	---	---	---	---
5290 misc. mineral prod.	0	0	---	---	---	---	---	---
Subtotal primary iron and steel products	3	3	0	---	---	---	---	---
5312 pig iron	0	0	---	---	---	---	---	---
5315 ferro alloys	0	0	---	---	---	---	---	---
5320 i&s primary forms	0	0	---	---	---	---	---	---
5330 i&s plates & sheets	1	1	---	---	---	---	---	---
5360 i&s bars & shapes	0	0	---	---	---	---	---	---
5370 i&s pipe & tube	1	1	0	---	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	7	4	1	---	0	2	2	---
5421 copper	0	0	---	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---
5429 smelted prod. nec	0	0	---	---	---	---	---	---
5480 fab. metal products	6	3	1	---	0	2	2	---
Subtotal primary wood products	0	0	0	---	---	---	---	---
5540 primary wood prod.	0	0	0	---	---	---	---	---
Total food and farm products	5	0	4	1	---	---	---	---
Subtotal fish	0	0	---	---	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---	---	---
Subtotal grain	0	0	---	---	---	---	---	---
6442 rice	0	0	---	---	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---	---	---
6654 vegetables & prod.	0	0	---	---	---	---	---	---
Subtotal processed grain and animal feed	1	0	---	1	---	---	---	---
6781 hay & fodder	0	0	---	---	---	---	---	---
6782 animal feed, prep.	1	---	---	1	---	---	---	---
Subtotal other agricultural products	4	0	4	---	---	---	---	---
6811 meat, fresh, frozen	0	0	---	---	---	---	---	---
6839 animals & prod. nec	0	0	---	---	---	---	---	---
6857 fruit & nuts nec	4	---	4	---	---	---	---	---
6858 fruit juices	0	0	---	---	---	---	---	---
6885 alcoholic beverages	0	---	0	---	---	---	---	---
6889 food products nec	0	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	86	51	26	---	2	7	7	---
7110 machinery (not elec)	31	14	16	---	2	---	---	---
7120 electrical machinery	3	3	1	---	---	---	---	---
7210 vehicles & parts	22	19	3	---	---	---	---	---

EVERETT HARBOR AND SNOHOMISH RIVER, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Internal	
							Receipts	Shipments
7220 aircraft & parts	11	4	1	—	—	7	7	—
7230 ships & boats	0	0	0	—	—	—	—	—
7400 manufac. wood prod.	1	0	1	—	—	—	—	—
7500 textile products	1	1	0	—	—	—	—	—
7600 rubber & plastic pr.	6	5	0	—	—	—	—	—
7900 manufac. prod. nec	10	6	4	—	—	—	—	—
Total unknown or not elsewhere classified	12	0	8	1	3	—	—	—
9900 unknown or nec	12	0	8	1	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
2003	56	2006	67	2009	109	2012	349
2004	112	2007	547	2010	151		
2005	65	2008	434	2011	312		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Canadian	
		Inbound	Outbound
Total, all commodities	205	199	5
Total crude materials, inedible except fuels	198	197	2
Subtotal forest products, wood and chips	198	197	2
4170 wood in the rough	196	194	2
4189 lumber	2	2	—
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	3	1	2
7110 machinerv (not elec)	3	1	2
Total unknown or not elsewhere classified	2	1	1
9900 unknown or nec	2	1	1
Ton-miles (x1000)	1,841	1,793	48
Canadian			

Commodity	Total	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	144	17	6	8	77	4	31
Total crude materials, inedible except fuels	144	17	6	8	77	4	31
Subtotal forest products, wood and chips	138	17	—	8	77	4	31
4170 wood in the rough	138	17	—	8	77	4	31
Subtotal soil, sand, gravel, rock and stone	6	—	6	—	—	—	—
4331 sand & gravel	6	—	6	—	—	—	—
Ton-miles (x1000)	419	27	52	72	90	22	155
Internal							
Tons All Traffic (x1000)	349						
Ton-miles All Traffic (x1000)	2,260						
Total Trip-ton-miles Internal and Intraport (x1000)	2,205						

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
2003	15,820	2006	15,147	2009	10,431	2012	11,743
2004	16,562	2007	14,341	2010	8,455		
2005	15,777	2008	11,468	2011	11,976		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	3,948	1,572	1,891	299	187
Total petroleum and petroleum products	3,608	1,572	1,815	34	187
Subtotal crude petroleum	1,587	1,572	—	15	—
2100 crude petroleum	1,587	1,572	—	15	—
Subtotal petroleum products	2,021	—	1,815	19	187
2211 gasoline	916	—	819	—	97

ANACORTES HARBOR, WA
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
2330 distillate fuel oil	659	—	625	19	15
2340 residual fuel oil	234	—	234	—	—
2430 asphalt, tar & pitch	24	—	24	—	—
2540 petroleum coke	188	—	113	—	75
Total chemicals and related products	1	—	1	—	—
Subtotal other chemicals and related products	1	—	1	—	—
3211 acyclic hydrocarbons	1	—	1	—	—
Total crude materials, inedible except fuels	330	—	75	255	—
Subtotal forest products, wood and chips	291	—	36	255	—
4170 wood in the rough	290	—	36	254	—
4189 lumber	1	—	—	1	—
Subtotal sulphur, clay and salt	39	—	39	—	—
4741 sulphur. (drv)	39	—	39	—	—
Total unknown or not elsewhere classified	9	—	—	9	—
9900 unknown or nec	9	—	—	9	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	7,795	5,847	1,354	97	492	5
Total petroleum and petroleum products	7,794	5,847	1,354	97	491	5
Subtotal crude petroleum	5,656	5,626	31	—	—	—
2100 crude petroleum	5,656	5,626	31	—	—	—
Subtotal petroleum products	2,138	221	1,323	97	491	5
2211 gasoline	648	29	524	6	89	—
2330 distillate fuel oil	1,021	168	734	50	70	—
2340 residual fuel oil	430	4	48	41	332	5
2350 lube oil & greases	0	—	—	0	0	—
2429 naphtha & solvents	38	20	18	—	—	—
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 food and farm products	0	0	—	—	—	—
Subtotal fish	0	0	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—
Total all manufactured equipment, machinery and products	1	—	—	—	1	—
7210 vehicles & parts	1	—	—	—	1	—
7400 manufac. wood prod.	0	—	—	—	0	—

Other Harbors and Waterways 2012

Harbor or Waterway Project	Commodity	Thousand Short Tons
LAKE CROCKETT, WA	No Commerce Reported	
BELLINGHAM BAY AND HARBOR, WA	2330 distillate fuel oil	1
	4323 gypsum	3
	4331 sand & gravel	3
	6134 fish (not shellfish)	9
	6136 shellfish	4
	6835 fish, prepared	4
	6889 food products nec	3
	7210 vehicles & parts	0
	7220 aircraft & parts	0
	7230 ships & boats	0
	7600 rubber & plastic pr.	0
	9900 unknown or nec	3
	Total Tons(x1000)	32
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	12
	4150 fuel wood	17
	4161 wood chips	115
	Total Tons(x1000)	144
QUILLAYUTE RIVER, WA	2211 gasoline	8
	Total Tons(x1000)	8
	Total Ton-miles(x1000)	8
SKAGIT RIVER, WA	4170 wood in the rough	8
	Total Tons(x1000)	8
	Total Ton-miles(x1000)	120
	Total Trip-ton-miles Internal and Intraport (x1000)	248
STILLAGUAMISH RIVER, WA	No Commerce Reported	
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	No Commerce Reported	
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	No Commerce Reported	
Non-project		
OTHER PUGET SOUND AREA PORTS, WA (NET)	2100 crude petroleum	11,844
	2211 gasoline	3,698
	2330 distillate fuel oil	1,622
	2340 residual fuel oil	261
	2350 lube oil & greases	0
	2429 naphtha & solvents	73
	2540 petroleum coke	106
	2640 hydrocarbon & petrol gases, liquefied and gaseous	175
	2990 petro. products nec	7
	3211 acyclic hydrocarbons	19
	3220 alcohols	2
	3297 chemical additives	5
	4161 wood chips	5
	4170 wood in the rough	429
	4189 lumber	2
	4331 sand & gravel	1,696
	4420 iron & steel scrap	1
	4650 aluminum ore	448
	4900 non-metal. min. nec	50
	5290 misc. mineral prod.	2
	7110 machinery (not elec)	8
	7120 electrical machinery	0
	7210 vehicles & parts	5
	7230 ships & boats	0
	7400 manufac. wood prod.	2
	Total Tons(x1000)	20,460

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 mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	680	2006	632	2009	593	2012	784
2004	651	2007	595	2010	571		
2005	674	2008	462	2011	833		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic					
		Outbound	Inbound	Total	Coastwise		Internal				
					Receipts	Shipments	Receipts	Shipments	Intraport		
Total, all commodities	784	68	207	509	105	20	153	221	8		
Total petroleum and petroleum products	423	---	139	284	104	20	11	140	8		
Subtotal petroleum products	423	---	139	284	104	20	11	140	8		
2211 gasoline	174	---	53	122	58	11	0	50	2		
2330 distillate fuel oil	233	---	86	147	46	9	1	84	6		
2429 naphtha & solvents	0	---	---	0	---	---	0	0	---		
2430 asphalt, tar & pitch	0	---	---	0	---	---	0	0	---		
2540 petroleum coke	1	---	---	1	---	---	0	0	---		
2640 hydrocarbon & petrol gases, liquefied and gaseous	8	---	---	8	---	---	5	3	---		
2990 petro. products nec	7	---	---	7	---	---	3	3	---		
Total chemicals and related products	13	---	0	13	---	---	10	3	---		
Subtotal fertilizers	0	---	---	0	---	---	0	0	---		
3110 nitrogenous fert.	0	---	---	0	---	---	0	0	---		
Subtotal other chemicals and related products	13	---	0	13	---	---	10	3	---		
3220 alcohols	0	---	---	0	---	---	0	0	---		
3240 nitrogen func. comp.	1	---	---	1	---	---	1	---	---		
3260 organic comp. nec	6	---	---	6	---	---	5	0	---		
3276 metallic salts	0	---	---	0	---	---	0	0	---		
3282 pigments & paints	0	---	---	0	---	---	0	0	---		
3284 medicines	0	---	---	0	---	---	0	0	---		
3285 perfumes & cleansers	0	---	---	0	---	---	0	---	---		
3286 plastics	1	---	---	1	---	---	0	0	---		
3293 explosives	2	---	---	2	---	---	1	1	---		
3297 chemical additives	0	---	---	0	---	---	0	---	---		
3298 wood & resin chem.	0	---	---	0	---	---	---	0	---		
3299 chem. products nec	3	---	0	3	---	---	2	2	---		
Total crude materials, inedible except fuels	151	68	60	23	---	0	14	9	---		
Subtotal forest products, wood and chips	91	68	9	13	---	0	9	5	---		
4150 fuel wood	0	---	---	0	---	---	0	0	---		
4170 wood in the rough	80	68	9	3	---	0	1	1	---		
4189 lumber	8	---	---	8	---	0	5	3	---		
4190 forest products nec	2	---	---	2	---	---	2	1	---		
Subtotal pulp and waste paper	0	---	---	0	---	---	---	0	---		
4225 pulp & waste paper	0	---	---	0	---	---	---	0	---		
Subtotal soil, sand, gravel, rock and stone	56	---	51	6	---	---	4	2	---		
4310 building stone	41	---	41	---	---	---	---	---	---		
4331 sand & gravel	16	---	10	6	---	---	4	2	---		
Subtotal iron ore and scrap	2	---	---	2	---	0	1	2	---		
4410 iron ore	0	---	---	0	---	---	0	---	---		
4420 iron & steel scrap	2	---	---	2	---	0	1	2	---		
Subtotal sulphur, clay and salt	0	---	---	0	---	---	0	---	---		
4782 clay & refrac. mat.	0	---	---	0	---	---	0	---	---		
Subtotal other non-metal. min.	1	---	---	1	---	---	1	0	---		
4900 non-metal. min. nec	1	---	---	1	---	---	1	0	---		
Total primary manufactured goods	33	---	---	33	0	0	25	8	---		
Subtotal paper products	3	---	---	3	---	---	2	1	---		
5110 newsprint	0	---	---	0	---	---	0	0	---		
5120 paper & paperboard	0	---	---	0	---	---	---	0	---		
5190 paper products nec	3	---	---	3	---	---	2	1	---		
Subtotal lime, cement and glass	15	---	---	15	---	0	11	3	---		
5220 cement & concrete	4	---	---	4	---	---	4	1	---		
5240 glass & glass prod.	0	---	---	0	---	---	0	0	---		
5290 misc. mineral prod.	10	---	---	10	---	0	8	3	---		
Subtotal primary iron and steel products	1	---	---	1	---	---	1	0	---		
5360 i&s bars & shapes	1	---	---	1	---	---	1	0	---		
5370 i&s pipe & tube	0	---	---	0	---	---	0	0	---		
5390 primary i&s nec	0	---	---	0	---	---	0	---	---		

KETCHIKAN HARBOR, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic					
		Outbound	Inbound	Total	Coastwise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal primary non-ferrous metal products	12	---	---	12	0	---	9	3	---
5480 fab. metal products	12	---	---	12	0	---	9	3	---
Subtotal primary wood products	2	---	---	2	---	---	1	1	---
5540 primary wood prod.	2	---	---	2	---	---	1	1	---
Total food and farm products	75	---	---	75	---	---	43	32	---
Subtotal fish	26	---	---	26	---	---	9	18	---
6134 fish (not shellfish)	26	---	---	26	---	---	8	18	---
6136 shellfish	0	---	---	0	---	---	0	0	---
Subtotal other agricultural products	48	---	---	48	---	---	34	14	---
6835 fish, prepared	5	---	---	5	---	---	0	5	---
6885 alcoholic beverages	7	---	---	7	---	---	5	1	---
6887 groceries	31	---	---	31	---	---	24	7	---
6888 water & ice	0	---	---	0	---	---	0	---	---
6889 food products nec	5	---	---	5	---	---	4	0	---
6899 farm products nec	0	---	---	0	---	---	0	0	---
Total all manufactured equipment, machinery and products	83	---	7	77	1	0	49	27	---
7110 machinery (not elec)	11	---	1	10	0	0	6	4	---
7120 electrical machinery	1	---	---	1	---	---	1	0	---
7210 vehicles & parts	7	---	---	7	0	0	5	2	---
7230 ships & boats	1	---	0	1	0	0	1	1	---
7400 manufac. wood prod.	8	---	---	8	0	0	6	2	---
7500 textile products	3	---	---	3	---	0	2	0	---
7600 rubber & plastic pr.	1	---	---	1	---	---	1	0	---
7900 manufac. prod. nec	51	---	6	46	1	0	27	18	---
Total waste and scrap nec	5	---	---	5	---	---	2	3	---
8900 waste and scrap nec	5	---	---	5	---	---	2	3	---
Total unknown or not elsewhere classified	1	---	1	---	---	---	---	---	---
9900 unknown or nec	1	---	1	---	---	---	---	---	---

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
2003	766	2006	873	2009	798	2012	1,249
2004	733	2007	842	2010	964		
2005	747	2008	617	2011	1,063		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign
		Outbound
Total, all commodities	2	2
Total food and farm products	2	2
Subtotal fish	2	2
6134 fish (not shellfish)	2	2
Ton-miles (x1000)	41	41
Foreign		

Commodity	Total	Coastwise		
		Shipments	Through	
			Upbound	Downbnd
Total, all commodities	460	2	316	142
Total petroleum and petroleum products	130	0	105	25
Subtotal petroleum products	130	0	105	25
2211 gasoline	68	0	65	2
2330 distillate fuel oil	36	0	36	---
2350 lube oil & greases	1	---	0	1
2429 naphtha & solvents	0	0	0	---
2540 petroleum coke	0	0	0	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	0	1	---
2990 petro. products nec	23	---	2	21
Total chemicals and related products	8	0	4	4
Subtotal fertilizers	1	---	1	---
3110 nitrogenous fert.	1	---	1	---
Subtotal other chemicals and related products	7	0	3	4
3220 alcohols	0	---	0	---
3276 metallic salts	1	---	1	---
3282 pigments & paints	0	0	0	0
3286 plastics	2	---	2	0

WRANGELL NARROWS, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Coastwise		
		Shipments	Through	
			Upbound	Downbnd
3293 explosives	0	—	0	—
3299 chem. products nec	4	0	0	4
Total crude materials, inedible except fuels	64	0	50	15
Subtotal forest products, wood and chips	44	0	44	0
4170 wood in the rough	1	—	1	—
4189 lumber	39	—	39	0
4190 forest products nec	4	0	4	—
Subtotal pulp and waste paper	0	—	—	0
4225 pulp & waste paper	0	—	—	0
Subtotal soil, sand, gravel, rock and stone	4	—	3	0
4331 sand & gravel	3	—	3	0
4338 soil & fill dirt	0	—	—	0
Subtotal iron ore and scrap	13	—	0	13
4420 iron & steel scrap	13	—	0	13
Subtotal other non-metal. min.	2	—	2	—
4900 non-metal. min. nec	2	—	2	—
Total primary manufactured goods	91	0	89	1
Subtotal paper products	4	0	4	—
5190 paper products nec	4	0	4	—
Subtotal lime, cement and glass	30	0	30	0
5220 cement & concrete	1	0	1	0
5240 glass & glass prod.	3	—	3	0
5290 misc. mineral prod.	26	0	26	0
Subtotal primary iron and steel products	8	0	8	0
5330 i&s plates & sheets	0	—	0	—
5360 i&s bars & shapes	2	0	2	0
5370 i&s pipe & tube	6	0	6	—
Subtotal primary non-ferrous metal products	34	0	33	1
5480 fab. metal products	34	0	33	1
Subtotal primary wood products	14	0	14	0
5540 primary wood prod.	14	0	14	0
Total food and farm products	108	1	20	87
Subtotal fish	65	0	0	65
6134 fish (not shellfish)	53	0	0	53
6136 shellfish	12	0	0	12
Subtotal vegetable products	0	—	—	0
6653 vegetable oils	0	—	—	0
Subtotal processed grain and animal feed	1	—	0	0
6747 grain mill products	0	—	0	—
6782 animal feed, prep.	0	—	—	0
Subtotal other agricultural products	42	0	20	21
6835 fish, prepared	19	—	—	19
6838 tallow, animal oils	2	—	—	2
6885 alcoholic beverages	17	0	16	—
6887 groceries	4	0	4	0
6889 food products nec	0	0	0	—
Total all manufactured equipment, machinery and products	58	0	47	10
7110 machinery (not elec)	13	0	10	3
7120 electrical machinery	1	0	1	0
7210 vehicles & parts	6	0	4	2
7220 aircraft & parts	0	—	—	0
7230 ships & boats	1	0	1	0
7400 manufac. wood prod.	12	0	12	0
7500 textile products	0	0	0	0
7600 rubber & plastic pr.	1	0	1	0
7900 manufac. prod. nec	24	0	19	4
Total waste and scrap nec	1	—	—	1
8900 waste and scrap nec	1	—	—	1
Ton-miles (x1000)	11,383	7	7,817	3,560
Coastwise				

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	788	66	24	152	86	309	152
Total petroleum and petroleum products	144	21	0	8	0	112	3
Subtotal petroleum products	144	21	0	8	0	112	3
2211 gasoline	39	8	0	0	0	31	0
2330 distillate fuel oil	78	9	—	0	—	68	—
2350 lube oil & greases	3	1	—	1	—	1	0
2429 naphtha & solvents	1	0	0	0	0	1	0
2430 asphalt, tar & pitch	2	0	—	1	0	1	0
2540 petroleum coke	8	1	—	2	0	5	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	7	1	0	2	0	2	2
2990 petro. products nec	5	1	—	—	0	3	1
Total chemicals and related products	12	1	0	4	0	5	1
Subtotal fertilizers	0	0	—	0	—	0	—
3110 nitrogenous fert.	0	0	—	0	—	0	—
Subtotal other chemicals and related products	11	1	0	4	0	5	1
3220 alcohols	0	—	—	—	—	0	—
3240 nitrogen func. comp.	0	—	—	0	—	0	—

WRANGELL NARROWS, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3260 organic comp. nec	4	0	0	2	0	2	0
3276 metallic salts	1	0	—	0	—	0	—
3282 pigments & paints	0	0	0	0	0	0	0
3284 medicines	0	0	—	0	—	0	0
3285 perfumes & cleansers	0	—	—	0	—	0	—
3286 plastics	0	0	—	0	0	0	0
3293 explosives	1	0	0	0	0	0	0
3297 chemical additives	0	—	—	0	—	0	—
3299 chem. products nec	4	0	0	2	0	2	0
Total crude materials, inedible except fuels	98	3	0	4	23	11	57
Subtotal forest products, wood and chips	12	1	0	3	0	8	0
4150 fuel wood	2	0	—	1	—	1	—
4170 wood in the rough	0	0	—	0	—	0	0
4189 lumber	6	0	—	1	0	5	0
4190 forest products nec	4	1	0	1	0	2	0
Subtotal pulp and waste paper	0	—	—	—	—	—	0
4225 pulp & waste paper	0	—	—	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	6	0	—	0	1	3	3
4310 building stone	0	—	—	0	—	0	—
4331 sand & gravel	3	0	—	0	—	2	0
4338 soil & fill dirt	4	—	—	—	1	—	3
Subtotal iron ore and scrap	76	—	—	—	22	—	54
4410 iron ore	75	—	—	—	22	—	53
4420 iron & steel scrap	1	—	—	—	0	—	1
Subtotal sulphur, clay and salt	0	0	—	—	0	—	—
4782 clay & refrac. mat.	0	0	—	—	0	—	—
Subtotal other non-metal. min.	4	2	—	1	0	1	—
4900 non-metal. min. nec	4	2	—	1	0	1	—
Total primary manufactured goods	133	10	1	47	6	62	7
Subtotal paper products	13	2	0	2	3	3	4
5110 newsprint	1	0	—	0	0	0	0
5120 paper & paperboard	6	—	0	—	2	—	4
5190 paper products nec	6	2	0	2	0	2	0
Subtotal lime, cement and glass	93	4	0	38	1	49	0
5210 lime	3	—	—	1	—	2	—
5220 cement & concrete	79	3	0	35	1	40	0
5240 glass & glass prod.	1	0	0	0	0	1	0
5290 misc. mineral prod.	10	1	0	2	0	7	0
Subtotal primary iron and steel products	2	0	0	1	0	1	0
5360 i&s bars & shapes	0	0	—	0	—	0	—
5370 i&s pipe & tube	1	0	0	1	0	0	0
5390 primary i&s nec	0	—	—	0	—	0	—
Subtotal primary non-ferrous metal products	23	4	1	5	2	8	3
5421 copper	0	—	—	0	—	0	—
5480 fab. metal products	23	4	1	5	2	8	3
Subtotal primary wood products	3	0	—	1	0	2	0
5540 primary wood prod.	3	0	—	1	0	2	0
Total food and farm products	204	15	11	43	29	56	50
Subtotal fish	50	0	9	0	17	0	23
6134 fish (not shellfish)	49	0	9	0	16	0	23
6136 shellfish	1	0	0	0	1	—	0
Subtotal processed grain and animal feed	2	1	—	0	0	0	—
6747 grain mill products	0	—	—	—	0	—	—
6781 hay & fodder	0	—	—	0	—	0	—
6782 animal feed, prep.	1	1	—	0	—	0	—
Subtotal other agricultural products	152	14	2	43	11	55	26
6835 fish, prepared	12	0	1	0	6	0	6
6838 tallow, animal oils	0	—	—	—	0	—	—
6885 alcoholic beverages	45	1	0	7	5	11	20
6887 groceries	76	12	1	28	0	34	1
6888 water & ice	0	0	—	0	—	0	—
6889 food products nec	18	1	0	7	0	10	0
6899 farm products nec	0	0	—	0	—	0	—
Total all manufactured equipment, machinery and products	169	15	6	46	16	63	24
7110 machinery (not elec)	18	1	1	4	3	5	4
7120 electrical machinery	3	0	0	1	0	1	0
7210 vehicles & parts	13	1	0	4	1	4	2
7220 aircraft & parts	0	—	—	—	0	—	0
7230 ships & boats	1	0	0	0	0	0	0
7300 ordnance & access.	0	0	—	0	—	—	—
7400 manufac. wood prod.	14	4	0	5	0	4	0
7500 textile products	3	0	0	1	0	1	0
7600 rubber & plastic pr.	2	0	0	0	0	1	0
7900 manufac. prod. nec	116	8	5	30	11	46	16
Total waste and scrap nec	28	—	6	0	12	0	10
8900 waste and scrap nec	28	—	6	0	12	0	10
Ton-miles (x1000)	15,455	1,432	96	607	1,816	7,716	3,788
Internal							
Tons All Traffic (x1000)	1,249						
Ton-miles All Traffic (x1000)	26,880						
Total Trip-ton-miles Internal and Intraport (x1000)	528,505						

PETERSBURG HARBOR, AK

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	286	2006	170	2009	178	2012	331
2004	183	2007	189	2010	166		
2005	185	2008	166	2011	186		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic			
			Total	Coastwise Shipments	Internal	
					Receipts	Shipments
Total, all commodities	331	2	330	2	90	238
Total petroleum and petroleum products	30	—	30	0	21	8
Subtotal petroleum products	30	—	30	0	21	8
2211 gasoline	8	—	8	0	8	0
2330 distillate fuel oil	10	—	10	0	9	0
2350 lube oil & greases	2	—	2	—	1	1
2429 naphtha & solvents	1	—	1	0	0	1
2430 asphalt, tar & pitch	1	—	1	—	0	1
2540 petroleum coke	3	—	3	0	1	2
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	—	3	0	1	2
2990 petro. products nec	1	—	1	—	1	0
Total chemicals and related products	6	—	6	0	1	5
Subtotal fertilizers	0	—	0	—	0	0
3110 nitrogenous fert.	0	—	0	—	0	0
Subtotal other chemicals and related products	6	—	6	0	1	4
3240 nitrogen func. comp.	0	—	0	—	—	0
3260 organic comp. nec	2	—	2	—	0	2
3276 metallic salts	0	—	0	—	0	0
3282 pigments & paints	1	—	1	0	0	0
3284 medicines	0	—	0	—	0	0
3285 perfumes & cleansers	0	—	0	—	—	0
3286 plastics	0	—	0	—	0	0
3293 explosives	1	—	1	—	0	0
3297 chemical additives	0	—	0	—	—	0
3299 chem. products nec	2	—	2	0	0	2
Total crude materials, inedible except fuels	30	—	30	0	3	27
Subtotal forest products, wood and chips	4	—	4	0	1	3
4150 fuel wood	1	—	1	—	0	1
4170 wood in the rough	0	—	0	—	0	0
4189 lumber	1	—	1	—	0	1
4190 forest products nec	2	—	2	0	1	1
Subtotal soil, sand, gravel, rock and stone	1	—	1	—	0	1
4310 building stone	0	—	0	—	—	0
4331 sand & gravel	0	—	0	—	0	0
4338 soil & fill dirt	1	—	1	—	—	1
Subtotal iron ore and scrap	22	—	22	—	—	22
4410 iron ore	22	—	22	—	—	22
4420 iron & steel scrap	0	—	0	—	—	0
Subtotal sulphur, clay and salt	0	—	0	—	0	0
4782 clay & refrac. mat.	0	—	0	—	0	0
Subtotal other non-metal. min.	3	—	3	—	2	1
4900 non-metal. min. nec	3	—	3	—	2	1
Total primary manufactured goods	64	—	64	0	11	53
Subtotal paper products	6	—	6	0	2	5
5110 newsprint	0	—	0	—	0	0
5120 paper & paperboard	2	—	2	—	0	2
5190 paper products nec	4	—	4	0	2	2
Subtotal lime, cement and glass	44	—	44	0	4	39
5210 lime	1	—	1	—	—	1
5220 cement & concrete	39	—	39	0	3	36
5240 glass & glass prod.	1	—	1	—	0	0
5290 misc. mineral prod.	3	—	3	0	1	2
Subtotal primary iron and steel products	1	—	1	0	0	1
5360 i&s bars & shapes	0	—	0	0	0	0
5370 i&s pipe & tube	1	—	1	0	0	1
5390 primary i&s nec	0	—	0	—	—	0
Subtotal primary non-ferrous metal products	12	—	12	0	4	8
5421 copper	0	—	0	—	—	0
5480 fab. metal products	12	—	12	0	4	8
Subtotal primary wood products	1	—	1	0	0	1
5540 primary wood prod.	1	—	1	0	0	1
Total food and farm products	100	2	99	1	26	72
Subtotal fish	28	2	26	0	9	17
6134 fish (not shellfish)	27	2	25	0	9	16
6136 shellfish	1	—	1	0	0	1
Subtotal processed grain and animal feed	2	—	2	—	1	1
6747 grain mill products	0	—	0	—	—	0
6781 hay & fodder	0	—	0	—	—	0
6782 animal feed, prep.	1	—	1	—	1	0
Subtotal other agricultural products	71	—	71	0	16	54
6835 fish, prepared	7	—	7	—	1	6
6838 tallow, animal oils	0	—	0	—	—	0
6885 alcoholic beverages	14	—	14	0	1	12
6887 groceries	42	—	42	0	13	28

PETERSBURG HARBOR, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic			
			Total	Coastwise Shipments	Internal	
					Receipts	Shipments
6888 water & ice	0	—	0	—	0	0
6889 food products nec	8	—	8	0	1	7
6899 farm products nec	0	—	0	—	0	0
Total all manufactured equipment, machinery and products	84	—	84	0	21	62
7110 machinery (not elec)	9	—	9	0	2	7
7120 electrical machinery	1	—	1	0	0	1
7210 vehicles & parts	6	—	6	0	1	5
7220 aircraft & parts	0	—	0	—	—	0
7230 ships & boats	1	—	1	0	0	0
7300 ordnance & access.	0	—	0	—	0	0
7400 manufac. wood prod.	10	—	10	0	4	6
7500 textile products	2	—	2	0	0	1
7600 rubber & plastic pr.	1	—	1	0	0	0
7900 manufac. prod. nec	54	—	54	0	13	41
Total waste and scrap nec	18	—	18	—	6	12
8900 waste and scrap nec	18	—	18	—	6	12

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
2003	567	2006	397	2009	302	2012	544
2004	544	2007	417	2010	346		
2005	372	2008	298	2011	388		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total, all commodities	544	118	4	241	181
Total petroleum and petroleum products	171	95	0	56	19
Subtotal petroleum products	171	95	0	56	19
2211 gasoline	75	57	0	18	0
2330 distillate fuel oil	68	39	0	29	0
2350 lube oil & greases	13	0	—	0	13
2429 naphtha & solvents	1	—	0	1	0
2430 asphalt, tar & pitch	1	—	—	0	1
2540 petroleum coke	5	—	0	4	1
2640 hydrocarbon & petrol gases, liquefied and gaseous	6	0	0	3	3
2990 petro. products nec	2	0	0	1	1
Total chemicals and related products	16	3	0	5	9
Subtotal fertilizers	0	0	—	0	—
3110 nitrogenous fert.	0	—	—	0	—
3130 potassic fert.	0	0	—	—	—
Subtotal other chemicals and related products	16	3	0	5	9
3220 alcohols	0	—	—	0	—
3240 nitrogen func. comp.	0	—	—	0	—
3260 organic comp. nec	7	—	0	1	5
3276 metallic salts	0	0	—	0	0
3282 pigments & paints	1	—	0	1	0
3284 medicines	1	0	—	0	0
3285 perfumes & cleansers	0	—	—	0	0
3286 plastics	0	—	—	0	0
3293 explosives	5	2	—	2	1
3297 chemical additives	0	—	—	0	—
3299 chem. products nec	3	—	0	1	2
Total crude materials, inedible except fuels	41	4	0	11	25
Subtotal forest products, wood and chips	9	0	0	8	1
4150 fuel wood	2	—	—	2	0
4170 wood in the rough	0	—	—	0	0
4189 lumber	5	0	0	4	1
4190 forest products nec	2	—	0	2	0
Subtotal pulp and waste paper	0	—	—	—	0
4225 pulp & waste paper	0	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	4	—	—	3	1
4310 building stone	0	—	—	0	—
4331 sand & gravel	3	—	—	3	0
4338 soil & fill dirt	1	—	—	—	1
Subtotal iron ore and scrap	22	—	0	—	22
4410 iron ore	22	—	—	—	22
4420 iron & steel scrap	0	—	0	—	0
Subtotal non-ferrous ores and scrap	4	4	—	—	—
4630 copper ore	4	4	—	—	—
Subtotal other non-metal. min.	1	—	—	1	1
4900 non-metal. min. nec	1	—	—	1	1

JUNEAU HARBOR, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total primary manufactured goods	82	8	1	28	46
Subtotal paper products	7	0	0	4	3
5110 newsprint	1	—	—	0	0
5120 paper & paperboard	3	—	0	—	3
5190 paper products nec	4	0	0	3	0
Subtotal lime, cement and glass	59	7	0	14	38
5210 lime	8	7	—	0	1
5220 cement & concrete	42	—	0	6	36
5240 glass & glass prod.	1	0	—	0	0
5290 misc. mineral prod.	8	0	0	7	1
Subtotal primary iron and steel products	1	—	0	1	0
5360 i&s bars & shapes	0	—	0	0	0
5370 i&s pipe & tube	1	—	0	1	0
5390 primary i&s nec	0	—	—	0	—
Subtotal primary non-ferrous metal products	14	0	0	8	5
5421 copper	0	—	—	0	—
5480 fab. metal products	13	0	0	8	5
Subtotal primary wood products	2	0	0	1	0
5540 primary wood prod.	2	0	0	1	0
Total food and farm products	107	0	2	65	40
Subtotal fish	6	—	0	1	5
6134 fish (not shellfish)	6	—	0	1	5
6136 shellfish	0	—	0	—	0
Subtotal processed grain and animal feed	0	—	—	0	0
6781 hay & fodder	0	—	—	0	—
6782 animal feed, prep.	0	—	—	0	0
Subtotal other agricultural products	100	0	1	64	35
6835 fish, prepared	0	—	—	0	0
6885 alcoholic beverages	32	0	1	5	25
6887 groceries	53	0	0	46	6
6888 water & ice	0	—	—	0	—
6889 food products nec	15	—	0	12	3
6899 farm products nec	0	—	—	0	0
Total all manufactured equipment, machinery and products	122	8	1	76	37
7110 machinery (not elec)	13	0	0	6	7
7120 electrical machinery	2	0	0	1	0
7210 vehicles & parts	10	0	0	6	3
7220 aircraft & parts	0	—	—	—	0
7230 ships & boats	1	0	0	0	0
7300 ordnance & access.	0	—	—	0	0
7400 manufac. wood prod.	7	0	0	5	2
7500 textile products	4	0	0	2	2
7600 rubber & plastic pr.	1	0	0	1	0
7900 manufac. prod. nec	84	7	0	54	22
Total waste and scrap nec	5	0	—	0	5
8900 waste and scrap nec	5	0	—	0	5

Tons All Traffic (x1000) 544
Total Trip-ton-miles Internal and Intraport (x1000) 218,117

VALDEZ HARBOR, AK

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	49,857	2006	36,153	2009	34,473	2012	27,900
2004	46,820	2007	37,775	2010	31,902		
2005	44,448	2008	35,967	2011	29,838		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic			
			Total	Coastwise		Internal Outbound Downbnd
				Receipts	Shipments	
Total, all commodities	27,900	7	27,893	14	27,876	4
Total petroleum and petroleum products	27,882	—	27,882	14	27,868	0
Subtotal crude petroleum	27,235	—	27,235	—	27,235	—
2100 crude petroleum	27,235	—	27,235	—	27,235	—
Subtotal petroleum products	646	—	646	14	633	0
2211 gasoline	390	—	390	7	383	—
2330 distillate fuel oil	236	—	236	7	229	—
2340 residual fuel oil	15	—	15	—	15	—
2429 naphtha & solvents	6	—	6	—	6	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—	0
Total chemicals and related products	0	—	0	—	—	0
Subtotal other chemicals and related products	0	—	0	—	—	0
3282 pigments & paints	0	—	0	—	—	0
3286 plastics	0	—	0	—	—	0

VALDEZ HARBOR, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal Outbound Downbnd
					Receipts	Shipments	
Total crude materials, inedible except fuels	0	---	---	0	---	0	0
Subtotal forest products, wood and chips	0	---	---	0	---	0	0
4170 wood in the rough	0	---	---	0	---	0	0
4189 lumber	0	---	---	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	0	---	---	0	---	0	---
4410 iron ore	0	---	---	0	---	0	---
4420 iron & steel scrap	0	---	---	0	---	0	---
Total primary manufactured goods	5	5	---	0	---	---	0
Subtotal paper products	0	---	---	0	---	---	0
5190 paper products nec	0	---	---	0	---	---	0
Subtotal primary iron and steel products	5	5	---	---	---	---	---
5390 primary i&s nec	5	5	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	---	---	0	---	---	0
5480 fab. metal products	0	---	---	0	---	---	0
Total food and farm products	10	---	---	10	---	6	4
Subtotal fish	9	---	---	9	---	6	4
6134 fish (not shellfish)	9	---	---	9	---	6	4
Subtotal other agricultural products	1	---	---	1	---	1	0
6835 fish, prepared	1	---	---	1	---	1	0
6887 groceries	0	---	---	0	---	---	0
Total all manufactured equipment, machinery and products	3	1	---	1	---	1	0
7110 machinery (not elec)	1	1	---	0	---	---	0
7120 electrical machinery	0	---	---	0	---	0	---
7210 vehicles & parts	0	---	---	0	---	0	0
7230 ships & boats	0	0	---	0	---	---	0
7900 manufac. prod. nec	1	---	---	1	---	1	0
Total waste and scrap nec	0	---	---	0	---	0	---
8900 waste and scrap nec	0	---	---	0	---	0	---
Ton-miles (x1000)	0	0	---	0	0	0	0

Tons All Traffic (x1000) 27,900
Ton-miles All Traffic (x1000) 0
Total Trip-ton-miles Internal and Intraport (x1000) 247

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
2003	203	2006	429	2009	904	2012	965
2004	599	2007	251	2010	959		
2005	523	2008	592	2011	1,113		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise		Internal Outbound Downbnd
					Receipts	Shipments	
Total, all commodities	965	5	890	70	67	3	
Total coal	890	---	890	---	---	---	
1100 coal & lignite	890	---	890	---	---	---	
Total petroleum and petroleum products	8	---	---	8	7	1	
Subtotal petroleum products	8	---	---	8	7	1	
2211 gasoline	0	---	---	0	0	0	
2330 distillate fuel oil	7	---	---	7	7	0	
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	---	---	0	0	---	
2990 petro. products nec	0	---	---	0	0	0	
Total chemicals and related products	2	---	---	2	2	0	
Subtotal fertilizers	0	---	---	0	0	---	
3110 nitrogenous fert.	0	---	---	0	0	---	
Subtotal other chemicals and related products	1	---	---	1	1	0	
3220 alcohols	0	---	---	0	0	---	
3276 metallic salts	0	---	---	0	0	---	
3286 plastics	1	---	---	1	1	---	
3299 chem. products nec	0	---	---	0	0	0	
Total crude materials, inedible except fuels	16	---	---	16	14	1	
Subtotal forest products, wood and chips	13	---	---	13	13	0	
4170 wood in the rough	0	---	---	0	0	---	
4189 lumber	11	---	---	11	11	0	
4190 forest products nec	2	---	---	2	2	---	
Subtotal pulp and waste paper	0	---	---	0	---	0	
4225 pulp & waste paper	0	---	---	0	---	0	
Subtotal soil, sand, gravel, rock and stone	0	---	---	0	0	---	
4331 sand & gravel	0	---	---	0	0	---	

SEWARD HARBOR, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	
					Receipts	Shipments
Subtotal iron ore and scrap	1	---	---	1	---	1
4420 iron & steel scrap	1	---	---	1	---	1
Subtotal other non-metal. min.	1	---	---	1	1	---
4900 non-metal. min. nec	1	---	---	1	1	---
Total primary manufactured goods	34	5	---	29	29	0
Subtotal paper products	0	---	---	0	0	---
5190 paper products nec	0	---	---	0	0	---
Subtotal lime, cement and glass	14	---	---	14	14	0
5220 cement & concrete	0	---	---	0	0	---
5240 glass & glass prod.	0	---	---	0	0	---
5290 misc. mineral prod.	13	---	---	13	13	0
Subtotal primary iron and steel products	5	4	---	1	1	---
5320 i&s primary forms	0	0	---	---	---	---
5360 i&s bars & shapes	1	---	---	1	1	---
5370 i&s pipe & tube	4	4	---	---	---	---
Subtotal primary non-ferrous metal products	10	0	---	9	9	0
5480 fab. metal products	10	0	---	9	9	0
Subtotal primary wood products	5	---	---	5	5	---
5540 primary wood prod.	5	---	---	5	5	---
Total food and farm products	4	---	---	4	4	---
Subtotal other agricultural products	4	---	---	4	4	---
6885 alcoholic beverages	4	---	---	4	4	---
6887 groceries	0	---	---	0	0	---
Total all manufactured equipment, machinery and products	12	---	---	12	11	1
7110 machinery (not elec)	3	---	---	3	3	0
7120 electrical machinery	0	---	---	0	0	---
7210 vehicles & parts	1	---	---	1	1	0
7230 ships & boats	0	---	---	0	0	0
7400 manufac. wood prod.	3	---	---	3	3	0
7500 textile products	0	---	---	0	0	---
7600 rubber & plastic pr.	0	---	---	0	0	---
7900 manufac. prod. nec	4	---	---	4	4	0

ANCHORAGE, AK

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	3,179	2006	2,927	2009	2,193	2012	2,843
2004	3,320	2007	2,633	2010	2,770		
2005	3,527	2008	2,405	2011	2,784		

Freight Traffic, 2012 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	523	487	15	21
Total petroleum and petroleum products	348	348	---	---
Subtotal petroleum products	348	348	---	---
2211 gasoline	216	216	---	---
2221 kerosene	132	132	---	---
Total chemicals and related products	0	---	0	---
Subtotal other chemicals and related products	0	---	0	---
3292 starches, aluten, alue	0	---	0	---
Total crude materials, inedible except fuels	21	0	---	21
Subtotal soil, sand, gravel, rock and stone	0	0	---	---
4310 building stone	0	0	---	---
Subtotal other non-metal. min.	21	---	---	21
4900 non-metal. min. nec	21	---	---	21
Total primary manufactured goods	138	132	6	---
Subtotal paper products	0	---	0	---
5190 paper products nec	0	---	0	---
Subtotal lime, cement and glass	115	115	---	---
5220 cement & concrete	115	115	---	---
Subtotal primary iron and steel products	1	1	---	---
5370 i&s pipe & tube	1	1	---	---
Subtotal primary non-ferrous metal products	22	16	6	---
5429 smelted prod. nec	6	---	6	---
5480 fab. metal products	16	16	0	---
Total food and farm products	8	---	8	0
Subtotal fish	6	---	6	0
6134 fish (not shellfish)	6	---	6	0
6136 shellfish	0	---	0	---
Subtotal other agricultural products	2	---	2	---
6822 dairy products	0	---	0	---
6835 fish, prepared	2	---	2	---
6838 tallow, animal oils	0	---	0	---
6889 food products nec	0	---	0	---
Total all manufactured equipment, machinery and products	8	7	0	---
7110 machinery (not elec)	3	3	0	---
7210 vehicles & parts	3	3	0	---

ANCHORAGE, AK
Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
7900 manufac. prod. nec	2	2	—	—
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	2,320	2,012	248	1	21	39
Total petroleum and petroleum products	553	457	35	1	21	39
Subtotal petroleum products	553	457	35	1	21	39
2211 gasoline	491	422	25	—	14	31
2330 distillate fuel oil	29	7	5	1	7	8
2340 residual fuel oil	0	0	—	—	—	—
2350 lube oil & greases	33	28	5	—	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—	—
2990 petro. products nec	1	1	0	—	—	—
Total chemicals and related products	4	2	2	—	—	—
Subtotal fertilizers	0	0	0	—	—	—
3110 nitrogenous fert.	0	0	0	—	—	—
Subtotal other chemicals and related products	4	2	2	—	—	—
3220 alcohols	0	0	0	—	—	—
3260 organic comp. nec	0	0	—	—	—	—
3274 sodium hydroxide	0	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—
3276 metallic salts	0	0	0	—	—	—
3282 pigments & paints	0	—	0	—	—	—
3284 medicines	0	0	—	—	—	—
3285 perfumes & cleansers	0	0	—	—	—	—
3286 plastics	1	1	0	—	—	—
3293 explosives	0	0	—	—	—	—
3299 chem. products nec	2	0	2	—	—	—
Total crude materials, inedible except fuels	139	103	36	—	—	—
Subtotal forest products, wood and chips	102	100	2	—	—	—
4170 wood in the rough	0	0	0	—	—	—
4189 lumber	99	98	2	—	—	—
4190 forest products nec	2	2	0	—	—	—
Subtotal pulp and waste paper	0	—	0	—	—	—
4225 pulp & waste paper	0	—	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	2	2	0	—	—	—
4331 sand & gravel	2	2	0	—	—	—
Subtotal iron ore and scrap	34	0	34	—	—	—
4420 iron & steel scrap	34	0	34	—	—	—
Subtotal other non-metal. min.	0	0	0	—	—	—
4900 non-metal. min. nec	0	0	0	—	—	—
Total primary manufactured goods	81	78	2	—	—	—
Subtotal paper products	1	1	0	—	—	—
5110 newsprint	0	0	—	—	—	—
5190 paper products nec	1	1	0	—	—	—
Subtotal lime, cement and glass	33	32	1	—	—	—
5220 cement & concrete	1	0	0	—	—	—
5240 glass & glass prod.	3	3	0	—	—	—
5290 misc. mineral prod.	30	29	1	—	—	—
Subtotal primary iron and steel products	10	10	0	—	—	—
5330 i&s plates & sheets	0	0	—	—	—	—
5360 i&s bars & shapes	1	1	0	—	—	—
5370 i&s pipe & tube	9	9	0	—	—	—
Subtotal primary non-ferrous metal products	16	15	1	—	—	—
5480 fab. metal products	16	15	1	—	—	—
Subtotal primary wood products	20	20	—	—	—	—
5540 primary wood prod.	20	20	—	—	—	—
Total food and farm products	243	227	16	—	—	—
Subtotal fish	14	—	14	—	—	—
6134 fish (not shellfish)	14	—	14	—	—	—
Subtotal vegetable products	0	0	—	—	—	—
6654 vegetables & prod.	0	0	—	—	—	—
Subtotal processed grain and animal feed	0	0	0	—	—	—
6782 animal feed, prep.	0	0	0	—	—	—
Subtotal other agricultural products	229	227	2	—	—	—
6811 meat, fresh, frozen	0	0	—	—	—	—
6822 dairy products	0	0	—	—	—	—
6835 fish, prepared	1	—	1	—	—	—
6885 alcoholic beverages	13	13	0	—	—	—
6887 groceries	211	210	1	—	—	—
6889 food products nec	4	4	0	—	—	—
6899 farm products nec	0	0	—	—	—	—
Total all manufactured equipment, machinery and products	1,281	1,128	153	—	—	—
7110 machinery (not elec)	10	7	3	—	—	—
7120 electrical machinery	1	0	0	—	—	—
7210 vehicles & parts	112	94	18	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	3	2	0	—	—	—
7400 manufac. wood prod.	7	5	1	—	—	—

Freight Traffic, 2012 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Receipts	Shipments	Intraport	
7500 textile products	0	0	0	—	—	—	
7600 rubber & plastic pr.	0	0	0	—	—	—	
7900 manufac. prod. nec	1,148	1,019	129	—	—	—	
Total waste and scrap nec	0	0	—	—	—	—	
8900 waste and scrap nec	0	0	—	—	—	—	
Total unknown or not elsewhere classified	19	15	4	—	—	—	
9900 unknown or nec	19	15	4	—	—	—	

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
2003	1,113	2006	1,188	2009	911	2012	1,389
2004	1,731	2007	1,045	2010	1,040		
2005	1,151	2008	1,024	2011	1,321		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Upbound	Downbnd
Total, all commodities	1,389	177	626	102	484	211	251	7	15
Total petroleum and petroleum products	530	162	—	102	266	147	97	7	15
Subtotal petroleum products	530	162	—	102	266	147	97	7	15
2211 gasoline	35	4	—	—	31	8	17	6	—
2221 kerosene	5	—	—	5	—	—	—	—	—
2330 distillate fuel oil	477	156	—	97	223	138	70	1	15
2350 lube oil & greases	1	—	—	—	1	—	1	—	—
2429 naphtha & solvents	2	2	—	—	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	—	0	0	0	—	—
2990 petro. products nec	11	—	—	—	11	1	10	—	—
Total chemicals and related products	6	1	3	—	2	0	1	—	—
Subtotal fertilizers	3	—	3	—	0	0	—	—	—
3110 nitrogenous fert.	0	—	—	—	0	0	—	—	—
3120 phosphatic fert.	3	—	3	—	—	—	—	—	—
Subtotal other chemicals and related products	3	1	0	—	1	0	1	—	—
3220 alcohols	1	1	—	—	0	—	0	—	—
3250 organo - inorg. comp.	0	0	—	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	—	0	0	—	—	—
3276 metallic salts	0	—	—	—	0	0	—	—	—
3282 pigments & paints	0	—	—	—	0	0	—	—	—
3284 medicines	0	—	0	—	—	—	—	—	—
3286 plastics	0	0	—	—	0	0	0	—	—
3299 chem. products nec	1	—	—	—	1	—	1	—	—
Total crude materials, inedible except fuels	8	1	—	—	7	5	2	—	0
Subtotal forest products, wood and chips	1	—	—	—	1	1	0	—	—
4170 wood in the rough	0	—	—	—	0	0	0	—	—
4189 lumber	1	—	—	—	1	1	0	—	—
4190 forest products nec	0	—	—	—	0	0	—	—	—
Subtotal pulp and waste paper	0	0	—	—	—	—	—	—	—
4225 pulp & waste paper	0	0	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	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 slag	1	1	—	—	—	—	—	—	—
4860 slag	1	1	—	—	—	—	—	—	—
Subtotal other non-metal. min.	5	0	—	—	5	4	1	—	0
4900 non-metal. min. nec	5	0	—	—	5	4	1	—	0
Total primary manufactured goods	18	2	0	—	16	15	1	—	—
Subtotal paper products	8	2	0	—	6	6	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—	—	—
5190 paper products nec	8	2	0	—	6	6	—	—	—

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal	
		Inbound	Outbound	Inbound	Total	Coastwise		Intra	
						Receipts	Shipments	Upbound	Downbnd
Subtotal lime, cement and glass	1	---	---	---	1	1	0	---	---
5240 glass & glass prod.	0	---	---	---	0	0	0	---	---
5290 misc. mineral prod.	1	---	---	---	1	1	0	---	---
Subtotal primary iron and steel products	0	0	---	---	0	0	0	---	---
5360 i&s bars & shapes	0	---	---	---	0	0	0	---	---
5370 i&s pipe & tube	0	0	---	---	0	0	0	---	---
Subtotal primary non-ferrous metal products	9	---	---	---	9	8	0	---	---
5480 fab. metal products	9	---	---	---	9	8	0	---	---
Subtotal primary wood products	0	---	---	---	0	0	0	---	---
5540 primary wood prod.	0	---	---	---	0	0	0	---	---
Total food and farm products	712	6	620	0	85	1	84	---	---
Subtotal fish	597	3	517	0	77	0	77	---	---
6134 fish (not shellfish)	568	1	502	0	65	0	65	---	---
6136 shellfish	29	2	15	---	12	---	12	---	---
Subtotal oilseeds	0	---	0	---	---	---	---	---	---
6522 soybeans	0	---	0	---	---	---	---	---	---
Subtotal vegetable products	0	---	---	---	0	---	0	---	---
6653 vegetable oils	0	---	---	---	0	---	0	---	---
Subtotal processed grain and animal feed	5	1	4	---	0	---	0	---	---
6746 wheat flour	1	1	---	---	---	---	---	---	---
6782 animal feed, prep.	5	0	4	---	0	---	0	---	---
Subtotal other agricultural products	109	2	99	---	8	1	7	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---	---	---	---
6817 meat, prepared	0	---	0	---	---	---	---	---	---
6822 dairy products	0	---	0	---	---	---	---	---	---
6835 fish, prepared	97	1	92	---	4	---	4	---	---
6838 tallow, animal oils	8	---	6	---	2	---	2	---	---
6839 animals & prod. nec	0	0	0	---	---	---	---	---	---
6857 fruit & nuts nec	0	---	0	---	---	---	---	---	---
6861 sugar	1	1	---	---	---	---	---	---	---
6885 alcoholic beverages	0	---	---	---	0	0	---	---	---
6887 groceries	1	---	---	---	1	0	0	---	---
6889 food products nec	0	---	0	---	---	---	---	---	---
6894 natural fibers nec	1	1	---	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	113	3	2	---	108	43	65	---	---
7110 machinery (not elec)	3	---	---	---	3	1	2	---	---
7120 electrical machinery	1	1	---	---	0	0	0	---	---
7210 vehicles & parts	1	---	0	---	1	1	0	---	---
7220 aircraft & parts	0	---	---	---	0	---	0	---	---
7230 ships & boats	0	0	---	---	0	0	0	---	---
7300 ordnance & access.	0	---	---	---	0	---	0	---	---
7400 manufac. wood prod.	3	2	0	---	1	1	0	---	---
7500 textile products	0	0	0	---	0	0	0	---	---
7600 rubber & plastic pr.	1	0	0	---	1	0	0	---	---
7900 manufac. prod. nec	104	1	1	---	102	40	62	---	---
Total waste and scrap nec	0	---	---	---	0	---	0	---	---
8900 waste and scrap nec	0	---	---	---	0	---	0	---	---
Total unknown or not elsewhere classified	2	1	0	0	0	0	---	---	---
9900 unknown or nec	2	1	0	0	0	0	---	---	---
Ton-miles (x1000)	43,741	5,659	20,018	3,266	14,798	6,758	8,018	7	15

Tons All Traffic (x1000) 1,389
 Ton-miles All Traffic (x1000) 43,741
 Total Trip-ton-miles Internal and Intraport (x1000) 22

ILIULIUK HARBOR, UNALASKA

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2003	832	2006	274	2009	544	2012	709
2004	1,467	2007	532	2010	353		
2005	618	2008	604	2011	635		

Freight Traffic, 2012 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	709	96	233	102	278	111	160	6
Total petroleum and petroleum products	353	94	—	102	157	81	70	6
Subtotal petroleum products	353	94	—	102	157	81	70	6
2211 gasoline	13	—	—	—	13	3	10	—
2221 kerosene	5	—	—	5	—	—	—	—
2330 distillate fuel oil	323	94	—	97	132	77	49	6
2350 lube oil & greases	1	—	—	—	1	—	1	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	—	0	0	0	—
2990 petro. products nec	11	—	—	—	11	1	10	—
Total chemicals and related products	5	1	3	—	2	0	1	—
Subtotal fertilizers	3	—	3	—	0	0	—	—
3110 nitrogenous fert.	0	—	—	—	0	0	—	—
3120 phosphatic fert.	3	—	3	—	—	—	—	—
Subtotal other chemicals and related products	2	1	0	—	1	0	1	—
3220 alcohols	1	1	—	—	0	—	0	—
3276 metallic salts	0	—	—	—	0	0	—	—
3282 pigments & paints	0	—	—	—	0	0	—	—
3284 medicines	0	—	0	—	—	—	—	—
3286 plastics	0	—	—	—	0	0	0	—
3299 chem. products nec	1	—	—	—	1	—	1	—
Total crude materials, inedible except fuels	7	—	—	—	7	5	2	0
Subtotal forest products, wood and chips	1	—	—	—	1	1	0	—
4170 wood in the rough	0	—	—	—	0	0	0	—
4189 lumber	1	—	—	—	1	1	0	—
4190 forest products nec	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.	5	—	—	—	5	4	1	0
4900 non-metal. min. nec	5	—	—	—	5	4	1	0
Total primary manufactured goods	16	1	0	—	16	15	1	—
Subtotal paper products	6	1	0	—	6	6	—	—
5190 paper products nec	6	1	0	—	6	6	—	—
Subtotal lime, cement and glass	1	—	—	—	1	1	0	—
5240 glass & glass prod.	0	—	—	—	0	0	0	—
5290 misc. mineral prod.	1	—	—	—	1	1	0	—
Subtotal primary iron and steel products	0	—	—	—	0	0	0	—
5360 i&s bars & shapes	0	—	—	—	0	0	0	—
5370 i&s pipe & tube	0	—	—	—	0	0	0	—
Subtotal primary non-ferrous metal products	9	—	—	—	9	8	0	—
5480 fab. metal products	9	—	—	—	9	8	0	—
Subtotal primary wood products	0	—	—	—	0	0	0	—
5540 primarv wood prod.	0	—	—	—	0	0	0	—
Total food and farm products	311	0	228	0	83	1	83	—
Subtotal fish	239	—	164	0	75	0	75	—
6134 fish (not shellfish)	220	—	157	0	63	0	63	—
6136 shellfish	19	—	7	—	12	—	12	—
Subtotal vegetable products	0	—	—	—	0	—	0	—
6653 vegetable oils	0	—	—	—	0	—	0	—
Subtotal processed grain and animal feed	4	—	4	—	0	—	0	—
6782 animal feed, prep.	4	—	4	—	0	—	0	—
Subtotal other agricultural products	68	0	60	—	8	1	7	—
6811 meat, fresh, frozen	0	—	0	—	—	—	—	—
6822 dairy products	0	—	0	—	—	—	—	—
6835 fish, prepared	63	—	59	—	4	—	4	—
6838 tallow, animal oils	3	—	1	—	2	—	2	—
6839 animals & prod. nec	0	0	0	—	—	—	—	—
6857 fruit & nuts nec	0	—	0	—	—	—	—	—
6885 alcoholic beverages	0	—	—	—	0	0	—	—
6887 groceries	1	—	—	—	1	0	0	—
6889 food products nec	0	—	0	—	—	—	—	—

ILIULIUK HARBOR, UNALASKA
 Freight Traffic, 2012 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound	Outbound		Total	Coastwise		Internal Intraport
				Receipts		Shipments		
Total all manufactured equipment, machinery and products	15	0	2	---	13	10	4	---
7110 machinery (not elec)	3	---	---	---	3	1	2	---
7120 electrical machinery	0	---	---	---	0	0	0	---
7210 vehicles & parts	1	---	0	---	1	0	0	---
7220 aircraft & parts	0	---	---	---	0	---	0	---
7230 ships & boats	0	0	---	---	0	0	0	---
7400 manufac. wood prod.	1	---	0	---	1	1	0	---
7500 textile products	0	---	---	---	0	0	0	---
7600 rubber & plastic pr.	1	0	0	---	1	0	0	---
7900 manufac. prod. nec	9	0	1	---	7	7	0	---
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	---	---	---	---	---

Other Harbors and Waterways 2012

Harbor or Waterway Project	Commodity	Thousand Short Tons	
ATKA ISLAND, AK	4900 non-metal. min. nec	0	
	5190 paper products nec	0	
	5480 fab. metal products	0	
	6134 fish (not shellfish)	13	
	6889 food products nec	0	
	7220 aircraft & parts	0	
	7900 manufac. prod. nec	0	
	9900 unknown or nec	1	
	Total Tons(x1000)	14	
BETHEL HARBOR, AK	2211 gasoline	30	
	2330 distillate fuel oil	8	
	2340 residual fuel oil	4	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	2990 petro. products nec	0	
	3110 nitrogenous fert.	0	
	3220 alcohols	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3299 chem. products nec	0	
	4150 fuel wood	0	
	4170 wood in the rough	0	
	4189 lumber	4	
	4190 forest products nec	0	
	4331 sand & gravel	11	
	4338 soil & fill dirt	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.	2	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	1	
	5540 primary wood prod.	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.	2		
7500 textile products	0		
7600 rubber & plastic pr.	0		
7900 manufac. prod. nec	0		
	Total Tons(x1000)	69	
CORDOVA HARBOR, AK	2100 crude petroleum	0	
	2211 gasoline	8	
	2330 distillate fuel oil	11	
	2430 asphalt, tar & pitch	1	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	3260 organic comp. nec	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3299 chem. products nec	0	
	4170 wood in the rough	0	
	4189 lumber	0	
	4338 soil & fill dirt	0	
	4900 non-metal. min. nec	0	
	5120 paper & paperboard	0	
	5190 paper products nec	1	
	5220 cement & concrete	0	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	2	
	5540 primary wood prod.	0	
	6134 fish (not shellfish)	16	
	6835 fish, prepared	13	
	6838 tallow, animal oils	0	
	6887 groceries	1	
	CORDOVA HARBOR, AK - continued	6899 farm products nec	0
		7110 machinery (not elec)	1
7120 electrical machinery		0	
7210 vehicles & parts		0	
7230 ships & boats		0	
7400 manufac. wood prod.		1	
7500 textile products		0	
7600 rubber & plastic pr.		0	
7900 manufac. prod. nec		3	
		Total Tons(x1000)	61
CRAIG HARBOR, AK	2211 gasoline	13	
	2330 distillate fuel oil	6	
	Total Tons(x1000)	19	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
DILLINGHAM HARBOR, AK	2211 gasoline	10	
	2330 distillate fuel oil	1	
	2350 lube oil & greases	0	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	2990 petro. products nec	0	
	3110 nitrogenous fert.	0	
	3220 alcohols	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3299 chem. products nec	0	
	4170 wood in the rough	0	
	4189 lumber	0	
	4331 sand & gravel	0	
	4420 iron & steel scrap	0	
	4900 non-metal. min. nec	1	
	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	1	
	6134 fish (not shellfish)	2	
	6835 fish, prepared	2	
	6885 alcoholic beverages	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	
	8900 waste and scrap nec	0	
		Total Tons(x1000)	21
	DOUGLAS HARBOR, AK	No Commerce Reported	
	DRY PASS, AK	No Commerce Reported	
	EGEGIK RIVER, AK	2211 gasoline	0
		2330 distillate fuel oil	2
		Total Tons(x1000)	2
ELFIN COVE HARBOR, AK	No Commerce Reported		
GASTINEAU CHANNEL, AK	No Commerce Reported		
HOMER, AK	2211 gasoline	67	
	2221 kerosene	44	
	2330 distillate fuel oil	20	
	7110 machinery (not elec)	8	
	Total Tons(x1000)	140	
HOONAH HARBOR, AK	2211 gasoline	1	
	2330 distillate fuel oil	2	
	2429 naphtha & solvents	0	
	2540 petroleum coke	0	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	3240 nitrogen func. comp.	0	
	3282 pigments & paints	0	
	3299 chem. products nec	0	
	4170 wood in the rough	43	
	4190 forest products nec	0	
	4900 non-metal. min. nec	0	
	5190 paper products nec	0	
	5220 cement & concrete	1	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	1	
	5540 primary wood prod.	0	
	6134 fish (not shellfish)	1	
	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	
	7230 ships & boats	0	
	7400 manufac. wood prod.	1	
	7500 textile products	0	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	1	
	Total Tons(x1000)	54	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
HUMBOLDT HARBOR, AK	2211 gasoline	3	
	2330 distillate fuel oil	6	
	4900 non-metal. min. nec	1	
	5190 paper products nec	1	
	5480 fab. metal products	1	
	6134 fish (not shellfish)	14	
	7110 machinery (not elec)	0	
	7900 manufac. prod. nec	1	
	Total Tons(x1000)	28	
KAKE HARBOR, AK	2211 gasoline	1	
	2330 distillate fuel oil	3	
	2429 naphtha & solvents	0	
	2430 asphalt, tar & pitch	0	
	2540 petroleum coke	0	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	3110 nitrogenous fert.	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	
	4900 non-metal. min. nec	0	
	5110 newsprint	0	
	5190 paper products nec	0	
	5220 cement & concrete	1	
	5240 glass & glass prod.	0	
	KAKE HARBOR, AK - continued	5290 misc. mineral prod.	0
		5360 i&s bars & shapes	0
		5370 i&s pipe & tube	0
5480 fab. metal products		1	
5540 primary wood prod.		0	
6134 fish (not shellfish)		1	
6136 shellfish		0	
6782 animal feed, prep.		0	
6885 alcoholic beverages		0	
6887 groceries		3	
6889 food products nec		0	
6899 farm products nec		0	
7110 machinery (not elec)		1	
7120 electrical machinery		0	
7210 vehicles & parts		1	
7230 ships & boats		0	
7300 ordnance & access.		0	
7400 manufac. wood prod.		1	
7500 textile products		0	
7600 rubber & plastic pr.		0	
7900 manufac. prod. nec		4	
Total Tons(x1000)	18		
KING COVE LAGOON, AK	2211 gasoline	1	
	2330 distillate fuel oil	29	
	4900 non-metal. min. nec	1	
	5190 paper products nec	1	
	5480 fab. metal products	1	
	6134 fish (not shellfish)	7	
	7900 manufac. prod. nec	1	
	Total Tons(x1000)	40	
KODIAK HARBOR, AK	2211 gasoline	18	
	2330 distillate fuel oil	66	
	4170 wood in the rough	37	
	6134 fish (not shellfish)	10	
	6136 shellfish	0	
	6887 groceries	0	
	7210 vehicles & parts	0	
	7300 ordnance & access.	0	
	7900 manufac. prod. nec	82	
	9900 unknown or nec	0	
Total Tons(x1000)	214		
KUSKOKWIM RIVER, AK	2211 gasoline	39	
	2330 distillate fuel oil	10	
	2340 residual fuel oil	4	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	2990 petro. products nec	0	
	3110 nitrogenous fert.	0	
	3220 alcohols	0	
	3276 metallic salts	0	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
	3282 pigments & paints	0
	3286 plastics	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	4
	4190 forest products nec	0
	4331 sand & gravel	11
	4338 soil & fill dirt	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.	2
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
KUSKOKWIM RIVER, AK - continued	5540 primary wood prod.	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.	2
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	80
	Total Ton-miles(x1000)	5,210
	Total Trip-ton-miles Internal and Intraport (x1000)	1,909
METLAKATLA HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	1
	4150 fuel wood	0
	4189 lumber	0
	4190 forest products nec	0
	4331 sand & gravel	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)	2
	6835 fish, prepared	0
	6887 groceries	1
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
	Total Tons(x1000)	11

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
NAKNEK RIVER, AK	2211 gasoline	11	
	2330 distillate fuel oil	17	
	2350 lube oil & greases	0	
	2540 petroleum coke	0	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	2990 petro. products nec	0	
	3110 nitrogenous fert.	1	
	3220 alcohols	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3299 chem. products nec	0	
	4170 wood in the rough	0	
	4189 lumber	1	
	4190 forest products nec	0	
	4331 sand & gravel	0	
	4420 iron & steel scrap	0	
	4900 non-metal. min. nec	1	
	5190 paper products nec	1	
	5220 cement & concrete	0	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	0	
	NAKNEK RIVER, AK - continued	5360 i&s bars & shapes	0
		5370 i&s pipe & tube	0
		5480 fab. metal products	4
		6134 fish (not shellfish)	20
		6782 animal feed, prep.	0
		6835 fish, prepared	13
		6838 tallow, animal oils	0
		6885 alcoholic beverages	0
		6887 groceries	1
		7110 machinery (not elec)	0
		7120 electrical machinery	0
7210 vehicles & parts		0	
7230 ships & boats		1	
7400 manufac. wood prod.		0	
7500 textile products		0	
7600 rubber & plastic pr.		0	
7900 manufac. prod. nec		2	
8900 waste and scrap nec		0	
		Total Tons(x1000)	75
		Total Ton-miles(x1000)	92
	Total Trip-ton-miles Internal and Intraport (x1000)	157	
NINILCHIK HARBOR, AK NOME, AK	No Commerce Reported		
	2211 gasoline	31	
	2221 kerosene	2	
	2330 distillate fuel oil	22	
	2350 lube oil & greases	0	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	2990 petro. products nec	3	
	3110 nitrogenous fert.	0	
	3220 alcohols	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3286 plastics	0	
	3299 chem. products nec	0	
	4170 wood in the rough	0	
	4189 lumber	2	
	4190 forest products nec	0	
	4331 sand & gravel	1	
	4420 iron & steel scrap	0	
	4900 non-metal. min. nec	0	
	5190 paper products nec	0	
	5220 cement & concrete	0	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	1	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	1	
	6885 alcoholic beverages	1	
	6887 groceries	0	
	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	3		
8900 waste and scrap nec	0		
	Total Tons(x1000)	73	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
OLD HARBOR, AK	2211 gasoline	1	
	2330 distillate fuel oil	3	
	Total Tons(x1000)	4	
PELICAN HARBOR, AK	2211 gasoline	0	
	2330 distillate fuel oil	0	
	Total Tons(x1000)	1	
PORT ALEXANDER, AK	No Commerce Reported		
SELDOVIA HARBOR, AK	2211 gasoline	1	
	2330 distillate fuel oil	1	
	Total Tons(x1000)	1	
SERGIUS AND WHITESTONE NARROWS, AK	2211 gasoline	13	
	2330 distillate fuel oil	18	
	2350 lube oil & greases	0	
	2429 naphtha & solvents	0	
	2430 asphalt, tar & pitch	0	
	2540 petroleum coke	1	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	3	
	2990 petro. products nec	3	
	3110 nitrogenous fert.	0	
	3220 alcohols	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	0	
	4189 lumber	2	
	4190 forest products nec	1	
	4225 pulp & waste paper	0	
	4331 sand & gravel	0	
	4338 soil & fill dirt	1	
	4420 iron & steel scrap	0	
	4782 clay & refrac. mat.	0	
	4900 non-metal. min. nec	1	
	5110 newsprint	0	
	5120 paper & paperboard	0	
	5190 paper products nec	1	
	5220 cement & concrete	4	
	5240 glass & glass prod.	0	
	5290 misc. mineral prod.	2	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	1	
	5480 fab. metal products	4	
	5540 primary wood prod.	1	
	6134 fish (not shellfish)	31	
	6136 shellfish	0	
	6782 animal feed, prep.	0	
	6835 fish, prepared	4	
	6885 alcoholic beverages	9	
	6887 groceries	14	
	6888 water & ice	0	
	6889 food products nec	1	
	6899 farm products nec	0	
	7110 machinery (not elec)	2	
	7120 electrical machinery	1	
	7210 vehicles & parts	2	
	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	19	
	8900 waste and scrap nec	7	
		Total Tons(x1000)	153
		Total Ton-miles(x1000)	3,501
		Total Trip-ton-miles Internal and Intraport (x1000)	51,185

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons	
SITKA HARBOR, AK	2211 gasoline	11	
	2330 distillate fuel oil	14	
	2350 lube oil & greases	0	
	2429 naphtha & solvents	0	
	2430 asphalt, tar & pitch	0	
	2540 petroleum coke	1	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1	
	2990 petro. products nec	3	
	SITKA HARBOR, AK - continued	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	0
4189 lumber		0	
4190 forest products nec		1	
4310 building stone		26	
4331 sand & gravel		0	
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		2	
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		3	
5540 primary wood prod.		1	
6134 fish (not shellfish)		28	
6136 shellfish		0	
6782 animal feed, prep.	0		
6835 fish, prepared	4		
6885 alcoholic beverages	1		
6887 groceries	13		
6888 water & ice	0		
6889 food products nec	1		
6899 farm products nec	0		
7110 machinery (not elec)	2		
7120 electrical machinery	0		
7210 vehicles & parts	1		
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	18		
8900 waste and scrap nec	7		
	Total Tons(x1000)	147	
SKAGWAY HARBOR, AK	2211 gasoline	23	
	2330 distillate fuel oil	26	
	2350 lube oil & greases	1	
	2429 naphtha & solvents	0	
	2430 asphalt, tar & pitch	2	
	2540 petroleum coke	5	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
	3260 organic comp. nec	0	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3285 perfumes & cleansers	0	
	3293 explosives	1	
	3299 chem. products nec	0	
	4150 fuel wood	0	
	4170 wood in the rough	0	
	4189 lumber	0	
	4190 forest products nec	1	
4338 soil & fill dirt	1		
4410 iron ore	21		
4630 copper ore	27		
4900 non-metal. min. nec	0		
5110 newsprint	0		
5120 paper & paperboard	1		
5190 paper products nec	0		
5210 lime	3		
5220 cement & concrete	26		
5240 glass & glass prod.	1		
5290 misc. mineral prod.	1		
5360 i&s bars & shapes	0		

Other Harbors and Waterways 2012 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SKAGWAY HARBOR, AK - continued	5370 i&s pipe & tube	0
	5480 fab. metal products	3
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6782 animal feed, prep.	0
	6885 alcoholic beverages	19
	6887 groceries	5
	6889 food products nec	8
	7110 machinery (not elec)	3
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	4
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	13
	8900 waste and scrap nec	3
	Total Tons(x1000)	200
STIKINE RIVER, AK	No Commerce Reported	
VALDEZ HARBOR (SMALL BOAT HARBOR), AK	2211 gasoline	103
	2330 distillate fuel oil	49
	Total Tons(x1000)	152
WRANGELL HARBOR, AK	2211 gasoline	2
	2330 distillate fuel oil	3
	2429 naphtha & solvents	0
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	3
	2990 petro. products nec	1
	3220 alcohols	0
	3260 organic comp. nec	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	1
	4189 lumber	0
	4190 forest products nec	0
	4331 sand & gravel	1
	4338 soil & fill dirt	0
	4410 iron ore	3
	4420 iron & steel scrap	0
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	0
	5120 paper & paperboard	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6134 fish (not shellfish)	13
	6136 shellfish	0
	6747 grain mill products	0
	6835 fish, prepared	4
	6838 tallow, animal oils	0
	6885 alcoholic beverages	1
	6887 groceries	2
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
7400 manufac. wood prod.	0	
7500 textile products	0	
7600 rubber & plastic pr.	0	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Project WRANGELL HARBOR, AK - continued	7900 manufac. prod. nec	10
	8900 waste and scrap nec	1
	Total Tons(x1000)	52
Non-project CHATHAM STRAIT, AK	2100 crude petroleum	0
	2211 gasoline	51
	2330 distillate fuel oil	62
	2340 residual fuel oil	1
	2350 lube oil & greases	3
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	4
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	3
	2990 petro. products nec	17
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	2
	3276 metallic salts	1
	3282 pigments & paints	0
	3285 perfumes & cleansers	0
	3286 plastics	4
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	11
	4110 rubber & gums	0
	4150 fuel wood	0
	4170 wood in the rough	1
	4189 lumber	37
	4190 forest products nec	4
	4225 pulp & waste paper	0
	4331 sand & gravel	8
	4338 soil & fill dirt	2
	4410 iron ore	23
	4420 iron & steel scrap	14
	4690 non-ferrous ores nec	79
	4900 non-metal. min. nec	5
	5110 newsprint	3
	5120 paper & paperboard	1
	5190 paper products nec	8
	5210 lime	2
	5220 cement & concrete	79
	5240 glass & glass prod.	5
	5290 misc. mineral prod.	26
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	2
	5370 i&s pipe & tube	7
	5390 primary i&s nec	0
	5480 fab. metal products	42
	5540 primary wood prod.	13
	6134 fish (not shellfish)	90
	6136 shellfish	12
	6653 vegetable oils	0
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	2
	6835 fish, prepared	25
	6838 tallow, animal oils	2
	6885 alcoholic beverages	26
	6887 groceries	29
	6888 water & ice	0
	6889 food products nec	48
	6899 farm products nec	1
	7110 machinery (not elec)	20
	7120 electrical machinery	2
	7210 vehicles & parts	11
	7220 aircraft & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	18
	7500 textile products	1
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	134
	8900 waste and scrap nec	12
	Total Tons(x1000)	970
	Total Ton-miles(x1000)	80,382
	Total Trip-ton-miles Internal and Intraport (x1000)	167,441

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
CLARENCE STRAIT, AK		
Non-project		
	2100 crude petroleum	0
	2211 gasoline	109
	2330 distillate fuel oil	113
	2340 residual fuel oil	1
	2350 lube oil & greases	4
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	4
	2540 petroleum coke	6
	2640 hydrocarbon & petrol gases, liquefied and gaseous	9
	2990 petro. products nec	31
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	3
	3276 metallic salts	1
	3282 pigments & paints	1
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	5
	3293 explosives	2
	3297 chemical additives	0
	3298 wood & resin chem.	0
	3299 chem. products nec	10
	4110 rubber & gums	0
	4150 fuel wood	1
	4170 wood in the rough	137
	4189 lumber	49
	4190 forest products nec	7
	4225 pulp & waste paper	1
	4310 building stone	0
	4331 sand & gravel	7
	4338 soil & fill dirt	5
	4410 iron ore	78
	4420 iron & steel scrap	15
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	7
	5110 newsprint	4
	5120 paper & paperboard	7
	5190 paper products nec	11
	5210 lime	2
	5220 cement & concrete	45
	5240 glass & glass prod.	5
	5290 misc. mineral prod.	37
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	7
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	58
	5540 primary wood prod.	17
	6134 fish (not shellfish)	135
	6136 shellfish	13
	6653 vegetable oils	0
	6747 grain mill products	7
	6781 hay & fodder	0
	6782 animal feed, prep.	3
	6835 fish, prepared	37
	6838 tallow, animal oils	3
	6885 alcoholic beverages	62
	6887 groceries	63
	6888 water & ice	0
	6889 food products nec	57
	6899 farm products nec	1
	7110 machinery (not elec)	30
	7120 electrical machinery	3
	7210 vehicles & parts	19
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	25
	7500 textile products	3
	7600 rubber & plastic pr.	3
	7900 manufac. prod. nec	206
	8900 waste and scrap nec	26
	Total Tons(x1000)	1,501
	Total Ton-miles(x1000)	114,543
	Total Trip-ton-miles Internal and Intraport (x1000)	537,740

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
FREDERICK SOUND, AK	2211 gasoline	115
	2330 distillate fuel oil	121
	2350 lube oil & greases	4
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	7
	2640 hydrocarbon & petrol gases, liquefied and gaseous	8
	2990 petro. products nec	27
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	4
	3276 metallic salts	1
	3282 pigments & paints	1
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	2
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	8
	4150 fuel wood	2
	4170 wood in the rough	1
	4189 lumber	45
	4190 forest products nec	7
	4225 pulp & waste paper	1
	4310 building stone	0
	4331 sand & gravel	6
	4338 soil & fill dirt	3
	4410 iron ore	53
	4420 iron & steel scrap	14
	4900 non-metal. min. nec	4
	5110 newsprint	1
	5120 paper & paperboard	4
	5190 paper products nec	9
	5210 lime	3
	5220 cement & concrete	78
	5240 glass & glass prod.	4
	5290 misc. mineral prod.	35
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	7
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	52
	5540 primary wood prod.	16
	6134 fish (not shellfish)	86
	6136 shellfish	12
	6653 vegetable oils	0
	6747 grain mill products	0
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6835 fish, prepared	25
	6838 tallow, animal oils	2
	6885 alcoholic beverages	56
	6887 groceries	71
	6888 water & ice	0
	6889 food products nec	17
	6899 farm products nec	0
	7110 machinery (not elec)	29
	7120 electrical machinery	3
	7210 vehicles & parts	16
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	23
	7500 textile products	3
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	125
	8900 waste and scrap nec	17
	Total Tons(x1000)	1,145
	Total Ton-miles(x1000)	68,828
	Total Trip-ton-miles Internal and Intraport (x1000)	418,343
ICY STRAIT, AK	2100 crude petroleum	0
	2211 gasoline	17
	2330 distillate fuel oil	9
	2340 residual fuel oil	1
	2350 lube oil & greases	5

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
ICY STRAIT, AK - continued	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	2
	2990 petro. products nec	23
	3110 nitrogenous fert.	1
	3130 potassic fert.	0
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3276 metallic salts	1
	3282 pigments & paints	0
	3284 medicines	0
	3286 plastics	4
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	7
	4110 rubber & gums	0
	4170 wood in the rough	44
	4189 lumber	42
	4190 forest products nec	4
	4225 pulp & waste paper	0
	4331 sand & gravel	8
	4338 soil & fill dirt	1
	4410 iron ore	0
	4420 iron & steel scrap	13
	4630 copper ore	31
	4690 non-ferrous ores nec	79
	4900 non-metal. min. nec	5
	5110 newsprint	3
	5120 paper & paperboard	0
	5190 paper products nec	7
	5210 lime	7
	5220 cement & concrete	2
	5240 glass & glass prod.	4
	5290 misc. mineral prod.	28
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	2
	5370 i&s pipe & tube	7
	5390 primary i&s nec	0
	5480 fab. metal products	40
	5540 primary wood prod.	14
	6134 fish (not shellfish)	63
	6136 shellfish	12
	6653 vegetable oils	0
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	2
	6835 fish, prepared	21
	6838 tallow, animal oils	2
	6885 alcoholic beverages	24
	6887 groceries	13
	6889 food products nec	46
	6899 farm products nec	1
	7110 machinery (not elec)	16
	7120 electrical machinery	1
	7210 vehicles & parts	10
	7220 aircraft & parts	0
	7230 ships & boats	1
	7400 manufac. wood prod.	16
	7500 textile products	1
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	110
	8900 waste and scrap nec	1
	Total Tons(x1000)	771
	Total Ton-miles(x1000)	40,611
	Total Trip-ton-miles Internal and Intraport (x1000)	9,244
KIVALINA, AK	2211 gasoline	3
	2330 distillate fuel oil	210
	3275 inorg. elem., oxides, & halogen salts	136
	3279 inorganic chem. nec	45
	4690 non-ferrous ores nec	1,234
	5429 smelted prod. nec	1,140
	Total Tons(x1000)	2,767

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons	
LYNN CANAL, AK Non-project	2211 gasoline	63	
	2330 distillate fuel oil	47	
	2350 lube oil & greases	16	
	2429 naphtha & solvents	0	
	2430 asphalt, tar & pitch	3	
	2540 petroleum coke	5	
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1	
	2990 petro. products nec	9	
	3110 nitrogenous fert.	0	
	3130 potassic fert.	0	
	3220 alcohols	0	
	3260 organic comp. nec	8	
	3276 metallic salts	0	
	3282 pigments & paints	0	
	3284 medicines	0	
	3285 perfumes & cleansers	0	
	3286 plastics	0	
	3293 explosives	7	
	3299 chem. products nec	4	
	4150 fuel wood	0	
	4170 wood in the rough	0	
	4189 lumber	8	
	4190 forest products nec	2	
	4225 pulp & waste paper	0	
	4331 sand & gravel	1	
	4338 soil & fill dirt	2	
	4410 iron ore	31	
	4420 iron & steel scrap	0	
	4630 copper ore	31	
	4900 non-metal. min. nec	1	
	5110 newsprint	0	
	5120 paper & paperboard	1	
	5190 paper products nec	1	
	5210 lime	11	
	5220 cement & concrete	100	
	5240 glass & glass prod.	1	
	5290 misc. mineral prod.	6	
	5360 i&s bars & shapes	0	
	5370 i&s pipe & tube	0	
	5480 fab. metal products	11	
	5540 primary wood prod.	2	
	6134 fish (not shellfish)	1	
	6136 shellfish	0	
	6782 animal feed, prep.	0	
	6885 alcoholic beverages	22	
	6887 groceries	14	
	6889 food products nec	7	
	6899 farm products nec	0	
	7110 machinery (not elec)	11	
	7120 electrical machinery	1	
	7210 vehicles & parts	4	
	7230 ships & boats	0	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	6	
	7500 textile products	3	
	7600 rubber & plastic pr.	0	
	7900 manufac. prod. nec	39	
	8900 waste and scrap nec	3	
		<hr/>	
		Total Tons(x1000)	484
		Total Ton-miles(x1000)	21,173
		Total Trip-ton-miles Internal and Intraport (x1000)	157,921
NIKISHKA, AK	2100 crude petroleum	2,348	
	2211 gasoline	314	
	2221 kerosene	44	
	2330 distillate fuel oil	619	
	2340 residual fuel oil	91	
	2429 naphtha & solvents	190	
2640 hydrocarbon & petrol gases, liquefied and gaseous	285		
	<hr/>		
	Total Tons(x1000)	3,891	
REVILLAGIGADO CHANNEL, AK	2211 gasoline	199	
	2330 distillate fuel oil	193	
	2350 lube oil & greases	4	
	2429 naphtha & solvents	1	

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
REVILLAGIGADO CHANNEL, AK - continued	2430 asphalt, tar & pitch	1
	2540 petroleum coke	6
	2640 hydrocarbon & petrol gases, liquefied and gaseous	7
	2990 petro. products nec	31
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3240 nitrogen func. comp.	1
	3260 organic comp. nec	8
	3276 metallic salts	1
	3282 pigments & paints	1
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	2
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	9
	4150 fuel wood	1
	4170 wood in the rough	80
	4189 lumber	41
	4190 forest products nec	8
	4225 pulp & waste paper	1
	4310 building stone	41
	4331 sand & gravel	20
	4338 soil & fill dirt	5
	4410 iron ore	78
	4420 iron & steel scrap	5
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	6
	5110 newsprint	1
	5120 paper & paperboard	7
	5190 paper products nec	10
	5210 lime	2
	5220 cement & concrete	48
	5240 glass & glass prod.	2
	5290 misc. mineral prod.	32
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	51
	5540 primary wood prod.	11
	6134 fish (not shellfish)	148
	6136 shellfish	13
	6653 vegetable oils	0
	6747 grain mill products	1
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6835 fish, prepared	41
	6838 tallow, animal oils	3
	6885 alcoholic beverages	60
	6887 groceries	73
	6888 water & ice	0
	6889 food products nec	15
	6899 farm products nec	0
	7110 machinery (not elec)	28
	7120 electrical machinery	4
	7210 vehicles & parts	17
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	26
	7500 textile products	5
	7600 rubber & plastic pr.	3
	7900 manufac. prod. nec	124
	8900 waste and scrap nec	28
	9900 unknown or nec	1
	Total Tons(x1000)	1,513
	Total Ton-miles(x1000)	67,211
	Total Trip-ton-miles Internal and Intraport (x1000)	613,720
STEPHENS PASSAGE, AK	2211 gasoline	104
	2330 distillate fuel oil	92
	2350 lube oil & greases	15
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	8
	2640 hydrocarbon & petrol gases, liquefied and gaseous	6

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons	
Non-project STEPHENS PASSAGE, AK - continued	2990 petro. products nec	10	
	3110 nitrogenous fert.	0	
	3130 potassic fert.	0	
	3220 alcohols	0	
	3240 nitrogen func. comp.	0	
	3260 organic comp. nec	7	
	3276 metallic salts	0	
	3282 pigments & paints	1	
	3284 medicines	1	
	3285 perfumes & cleansers	0	
	3286 plastics	0	
	3293 explosives	5	
	3297 chemical additives	0	
	3299 chem. products nec	5	
	4150 fuel wood	2	
	4170 wood in the rough	0	
	4189 lumber	11	
	4190 forest products nec	3	
	4225 pulp & waste paper	0	
	4310 building stone	0	
	4331 sand & gravel	3	
	4338 soil & fill dirt	1	
	4410 iron ore	33	
	4420 iron & steel scrap	1	
	4630 copper ore	4	
	4900 non-metal. min. nec	2	
	5110 newsprint	1	
	5120 paper & paperboard	3	
	5190 paper products nec	4	
	5210 lime	11	
	5220 cement & concrete	84	
	5240 glass & glass prod.	1	
	5290 misc. mineral prod.	12	
	5360 i&s bars & shapes	1	
	5370 i&s pipe & tube	1	
	5390 primary i&s nec	0	
	5421 copper	0	
	5480 fab. metal products	19	
	5540 primary wood prod.	4	
	6134 fish (not shellfish)	6	
	6136 shellfish	0	
	6781 hay & fodder	0	
	6782 animal feed, prep.	0	
	6835 fish, prepared	0	
	6885 alcoholic beverages	44	
	6887 groceries	58	
	6888 water & ice	0	
	6889 food products nec	18	
	6899 farm products nec	0	
	7110 machinery (not elec)	17	
	7120 electrical machinery	2	
	7210 vehicles & parts	11	
	7220 aircraft & parts	0	
	7230 ships & boats	1	
	7300 ordnance & access.	0	
	7400 manufac. wood prod.	10	
	7500 textile products	5	
	7600 rubber & plastic pr.	1	
	7900 manufac. prod. nec	100	
	8900 waste and scrap nec	6	
		Total Tons(x1000)	738
		Total Ton-miles(x1000)	47,809
		Total Trip-ton-miles Internal and Intraport (x1000)	297,665
	SUMNER STRAIT, AK	2100 crude petroleum	0
2211 gasoline		108	
2330 distillate fuel oil		115	
2340 residual fuel oil		1	
2350 lube oil & greases		4	
2429 naphtha & solvents		1	
2430 asphalt, tar & pitch		4	
2540 petroleum coke		6	
2640 hydrocarbon & petrol gases, liquefied and gaseous		7	
2990 petro. products nec		28	
3110 nitrogenous fert.		1	
3220 alcohols		0	
3240 nitrogen func. comp.		0	
3260 organic comp. nec	3		

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
SUMNER STRAIT, AK - continued	3276 metallic salts	1
	3282 pigments & paints	1
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	4
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	10
	4110 rubber & gums	0
	4150 fuel wood	1
	4170 wood in the rough	1
	4189 lumber	48
	4190 forest products nec	6
	4225 pulp & waste paper	1
	4310 building stone	0
	4331 sand & gravel	6
	4338 soil & fill dirt	4
	4410 iron ore	75
	4420 iron & steel scrap	14
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	7
	5110 newsprint	4
	5120 paper & paperboard	7
	5190 paper products nec	10
	5210 lime	2
	5220 cement & concrete	45
	5240 glass & glass prod.	5
	5290 misc. mineral prod.	36
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	7
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	55
	5540 primary wood prod.	16
	6134 fish (not shellfish)	104
	6136 shellfish	13
	6653 vegetable oils	0
	6747 grain mill products	7
	6781 hay & fodder	0
	6782 animal feed, prep.	3
	6835 fish, prepared	31
	6838 tallow, animal oils	3
	6885 alcoholic beverages	61
	6887 groceries	58
	6888 water & ice	0
	6889 food products nec	57
	6899 farm products nec	1
	7110 machinery (not elec)	28
	7120 electrical machinery	3
	7210 vehicles & parts	18
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	22
	7500 textile products	3
	7600 rubber & plastic pr.	3
	7900 manufac. prod. nec	182
	8900 waste and scrap nec	23
	Total Tons(x1000)	1,269
	Total Ton-miles(x1000)	30,860
	Total Trip-ton-miles Internal and Intraport (x1000)	497,534
TONGASS NARROWS, AK	2211 gasoline	242
	2330 distillate fuel oil	267
	2350 lube oil & greases	4
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	6
	2640 hydrocarbon & petrol gases, liquefied and gaseous	12
	2990 petro. products nec	34
	3110 nitrogenous fert.	1
	3220 alcohols	0
	3240 nitrogen func. comp.	1
	3260 organic comp. nec	8
	3276 metallic salts	1
	3282 pigments & paints	1
	3284 medicines	0

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
TONGASS NARROWS, AK - continued	3285 perfumes & cleansers	0
	3286 plastics	2
	3293 explosives	2
	3297 chemical additives	0
	3298 wood & resin chem.	0
	3299 chem. products nec	10
	4150 fuel wood	1
	4170 wood in the rough	81
	4189 lumber	44
	4190 forest products nec	8
	4225 pulp & waste paper	1
	4310 building stone	41
	4331 sand & gravel	21
	4338 soil & fill dirt	5
	4410 iron ore	78
	4420 iron & steel scrap	6
	4782 clay & refrac. mat.	0
	4900 non-metal. min. nec	6
	5110 newsprint	1
	5120 paper & paperboard	7
	5190 paper products nec	11
	5210 lime	2
	5220 cement & concrete	48
	5240 glass & glass prod.	2
	5290 misc. mineral prod.	35
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	54
	5540 primary wood prod.	12
	6134 fish (not shellfish)	152
	6136 shellfish	13
	6653 vegetable oils	0
	6747 grain mill products	1
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6835 fish, prepared	41
	6838 tallow, animal oils	3
	6885 alcoholic beverages	61
	6887 groceries	80
	6888 water & ice	0
	6889 food products nec	16
	6899 farm products nec	0
	7110 machinery (not elec)	34
	7120 electrical machinery	4
	7210 vehicles & parts	20
	7220 aircraft & parts	0
	7230 ships & boats	3
	7300 ordnance & access.	0
	7400 manufac. wood prod.	28
	7500 textile products	5
	7600 rubber & plastic pr.	3
	7900 manufac. prod. nec	155
	8900 waste and scrap nec	30
	9900 unknown or nec	1
	Total Tons(x1000)	1,718
	Total Ton-miles(x1000)	17,709
	Total Trip-ton-miles Internal and Intraport (x1000)	655,432
WHITTIER HARBOR, AK	2100 crude petroleum	0
	2211 gasoline	0
	2330 distillate fuel oil	0
	2340 residual fuel oil	1
	2410 petro. jelly & waxes	0
	2430 asphalt, tar & pitch	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	7
	3110 nitrogenous fert.	0
	3130 potassic fert.	2
	3190 fert. & mixes nec	0
	3220 alcohols	8
	3230 carboxylic acids	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	0
	3275 inorg. elem., oxides, & halogen salts	1
	3276 metallic salts	0
	3282 pigments & paints	0

Other Harbors and Waterways 2012 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project WHITTIER HARBOR, AK - continued	3285 perfumes & cleansers	0
	3286 plastics	3
	3297 chemical additives	0
	3299 chem. products nec	4
	4110 rubber & gums	0
	4170 wood in the rough	0
	4189 lumber	3
	4190 forest products nec	0
	4331 sand & gravel	0
	4338 soil & fill dirt	0
	4410 iron ore	0
	4420 iron & steel scrap	0
	4860 slag	0
	4900 non-metal. min. nec	2
	5110 newsprint	3
	5120 paper & paperboard	0
	5190 paper products nec	3
	5210 lime	2
	5220 cement & concrete	2
	5240 glass & glass prod.	2
	5290 misc. mineral prod.	2
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5480 fab. metal products	8
	5540 primary wood prod.	0
	6134 fish (not shellfish)	26
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6835 fish, prepared	13
	6838 tallow, animal oils	0
	6857 fruit & nuts nec	1
	6885 alcoholic beverages	7
	6887 groceries	8
	6889 food products nec	46
	6899 farm products nec	1
	7110 machinery (not elec)	3
	7120 electrical machinery	0
	7210 vehicles & parts	4
	7230 ships & boats	0
	7400 manufac. wood prod.	3
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	81
	8900 waste and scrap nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	263

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2012
(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	8,626	7,341	2	1,051	127	105	8,601	7,337	2	1,051	109	102
FOREIGN												
Total	475	450	1	22	1	1	471	449	1	18	—	3
39	1	1	—	—	—	—	—	—	—	—	—	—
37	2	2	—	—	—	—	3	3	—	—	—	—
36	1	1	—	—	—	—	—	—	—	—	—	—
35	1	1	—	—	—	—	—	—	—	—	—	—
34	3	3	—	—	—	—	1	1	—	—	—	—
33	34	34	—	—	—	—	2	2	—	—	—	—
32	3	3	—	—	—	—	1	1	—	—	—	—
31	14	14	—	—	—	—	3	3	—	—	—	—
30	41	41	—	—	—	—	16	16	—	—	—	—
29	69	69	—	—	—	—	27	27	—	—	—	—
28	40	40	—	—	—	—	46	46	—	—	—	—
27	71	71	—	—	—	—	82	80	—	1	—	1
26	15	15	—	—	—	—	22	22	—	—	—	—
25	30	30	—	—	—	—	45	45	—	—	—	—
24	27	27	—	—	—	—	69	69	—	—	—	—
23	17	17	—	—	—	—	50	50	—	—	—	—
22	6	6	—	—	—	—	3	3	—	—	—	—
21	2	2	—	—	—	—	7	7	—	—	—	—
20	—	—	—	—	—	—	5	5	—	—	—	—
19	2	2	—	—	—	—	4	4	—	—	—	—
≤ 18	96	71	1	22	1	1	85	65	1	17	—	2
DOMESTIC												
Total	8,151	6,891	1	1,029	126	104	8,130	6,888	1	1,033	109	99
22	2	—	1	—	—	1	—	—	—	—	—	—
≤ 18	8,149	6,891	—	1,029	126	103	8,130	6,888	1	1,033	109	99
Total trips:											17,227	
LONG BEACH HARBOR, CA												
	Inbound						Outbound					
Grand Total	13,052	6,060	460	4,824	476	1,232	13,006	6,068	476	4,819	450	1,193
FOREIGN												
Total	1,996	1,597	348	25	23	3	2,008	1,593	373	22	19	1
68	2	—	2	—	—	—	—	—	—	—	—	—
66	1	—	1	—	—	—	—	—	—	—	—	—
62	4	—	4	—	—	—	1	—	1	—	—	—
61	2	—	2	—	—	—	—	—	—	—	—	—
60	2	—	2	—	—	—	—	—	—	—	—	—
59	1	—	1	—	—	—	—	—	—	—	—	—
58	1	—	1	—	—	—	—	—	—	—	—	—
57	2	—	2	—	—	—	—	—	—	—	—	—
56	3	—	3	—	—	—	—	—	—	—	—	—
55	5	—	5	—	—	—	1	—	1	—	—	—
54	6	—	6	—	—	—	—	—	—	—	—	—
53	2	—	2	—	—	—	—	—	—	—	—	—
52	4	—	4	—	—	—	1	—	1	—	—	—
51	—	—	—	—	—	—	1	—	1	—	—	—
50	3	—	3	—	—	—	—	—	—	—	—	—
49	3	—	3	—	—	—	3	—	3	—	—	—
48	5	—	5	—	—	—	5	5	—	—	—	—
47	7	1	6	—	—	—	8	7	1	—	—	—
46	26	3	23	—	—	—	15	10	5	—	—	—
45	19	8	11	—	—	—	9	6	3	—	—	—
44	33	27	6	—	—	—	12	10	2	—	—	—
43	41	33	8	—	—	—	33	31	2	—	—	—
42	45	32	13	—	—	—	44	35	9	—	—	—
41	48	40	8	—	—	—	30	24	6	—	—	—
40	92	79	13	—	—	—	86	78	8	—	—	—
39	75	53	22	—	—	—	121	107	14	—	—	—
38	102	76	26	—	—	—	72	63	9	—	—	—
37	59	43	16	—	—	—	50	37	13	—	—	—

Trips and Drafts of Vessels, 2012
(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	70	56	14	—	—	—	52	44	8	—	—	—
35	68	59	9	—	—	—	61	39	22	—	—	—
34	131	100	31	—	—	—	59	53	6	—	—	—
33	278	241	35	1	—	1	77	61	16	—	—	—
32	55	47	8	—	—	—	203	189	14	—	—	—
31	36	35	1	—	—	—	103	89	14	—	—	—
30	65	60	5	—	—	—	68	49	19	—	—	—
29	66	62	4	—	—	—	48	28	20	—	—	—
28	157	145	12	—	—	—	141	93	48	—	—	—
27	145	135	10	—	—	—	170	136	34	—	—	—
26	43	41	2	—	—	—	58	43	15	—	—	—
25	36	34	1	—	—	—	43	30	13	—	—	—
24	32	22	10	—	—	—	34	18	16	—	—	—
23	40	39	1	—	—	—	210	182	27	1	—	—
22	25	23	—	1	—	—	10	8	2	—	—	—
21	31	27	3	—	—	—	39	28	11	—	—	—
20	5	5	—	—	—	—	18	17	—	—	—	1
19	6	6	—	—	—	—	4	3	1	—	—	—
≤ 18	114	65	4	23	22	—	118	70	8	21	19	—
DOMESTIC												
Total	11,056	4,463	112	4,799	453	1,229	10,998	4,475	103	4,797	431	1,192
61	5	—	5	—	—	—	—	—	—	—	—	—
60	20	—	20	—	—	—	—	—	—	—	—	—
57	3	—	3	—	—	—	—	—	—	—	—	—
56	1	—	1	—	—	—	—	—	—	—	—	—
55	4	—	4	—	—	—	—	—	—	—	—	—
54	2	—	2	—	—	—	—	—	—	—	—	—
52	—	—	—	—	—	—	1	—	1	—	—	—
51	4	—	4	—	—	—	—	—	—	—	—	—
50	1	—	1	—	—	—	—	—	—	—	—	—
48	8	—	8	—	—	—	—	—	—	—	—	—
47	3	—	3	—	—	—	3	—	3	—	—	—
46	—	—	—	—	—	—	5	—	5	—	—	—
45	—	—	—	—	—	—	3	—	3	—	—	—
44	—	—	—	—	—	—	3	—	3	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
42	—	—	—	—	—	—	5	—	5	—	—	—
41	—	—	—	—	—	—	5	—	5	—	—	—
40	4	—	4	—	—	—	2	1	1	—	—	—
39	1	—	1	—	—	—	12	10	2	—	—	—
38	8	8	—	—	—	—	18	17	1	—	—	—
37	12	12	—	—	—	—	20	17	3	—	—	—
36	12	10	2	—	—	—	17	14	3	—	—	—
35	11	10	1	—	—	—	22	22	—	—	—	—
34	5	5	—	—	—	—	12	11	1	—	—	—
33	15	9	6	—	—	—	18	13	5	—	—	—
32	11	11	—	—	—	—	15	12	3	—	—	—
31	17	12	5	—	—	—	13	3	9	—	—	1
30	24	23	1	—	—	—	5	—	5	—	—	—
29	12	10	1	—	—	1	1	—	—	—	—	1
28	—	—	—	—	—	—	3	1	2	—	—	—
27	1	—	—	—	—	1	1	1	—	—	—	—
26	7	2	4	—	—	1	5	2	2	—	—	1
25	3	—	1	—	—	2	3	—	1	—	—	2
24	11	1	1	—	—	9	—	—	—	—	—	—
23	10	—	10	—	—	—	5	—	5	—	—	—
22	7	—	7	—	—	—	1	—	—	—	—	1
21	6	—	6	—	—	—	1	—	1	—	—	—
20	2	—	—	—	—	2	—	—	—	—	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
≤ 18	10,823	4,350	10	4,799	453	1,211	10,799	4,351	34	4,797	431	1,186
										Total trips:		26,058

Trips and Drafts of Vessels, 2012
(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													
			Inbound						Outbound				
Grand Total	12,591	4,431	179	4,614	1,502	1,865	12,621	4,427	181	4,616	1,513	1,884	
FOREIGN													
Total	1,838	1,723	107	5	1	2	1,852	1,728	108	9	4	3	
56	1	—	1	—	—	—	—	—	—	—	—	—	
54	1	—	1	—	—	—	—	—	—	—	—	—	
51	1	1	—	—	—	—	—	—	—	—	—	—	
48	2	1	1	—	—	—	3	1	2	—	—	—	
46	3	3	—	—	—	—	2	2	—	—	—	—	
45	10	6	4	—	—	—	1	1	—	—	—	—	
44	14	9	5	—	—	—	—	—	—	—	—	—	
43	39	39	—	—	—	—	2	2	—	—	—	—	
42	74	73	1	—	—	—	13	12	1	—	—	—	
41	85	83	2	—	—	—	13	12	1	—	—	—	
40	69	65	4	—	—	—	62	60	2	—	—	—	
39	86	81	5	—	—	—	105	104	1	—	—	—	
38	98	99	9	—	—	—	100	98	2	—	—	—	
37	113	99	14	—	—	—	186	184	2	—	—	—	
36	109	106	3	—	—	—	118	115	3	—	—	—	
35	106	98	8	—	—	—	66	61	5	—	—	—	
34	178	168	9	1	—	—	91	89	2	—	—	—	
33	243	240	3	—	—	—	94	86	8	—	—	—	
32	66	61	5	—	—	—	78	72	6	—	—	—	
31	36	34	2	—	—	—	160	157	3	—	—	—	
30	58	55	3	—	—	—	80	75	5	—	—	—	
29	32	30	2	—	—	—	44	36	8	—	—	—	
28	69	63	6	—	—	—	72	53	19	—	—	—	
27	104	101	3	—	—	—	111	100	11	—	—	—	
26	45	41	4	—	—	—	59	54	5	—	—	—	
25	57	51	6	—	—	—	59	51	8	—	—	—	
24	42	39	3	—	—	—	33	26	7	—	—	—	
23	25	22	1	—	—	—	172	170	2	—	—	—	
≤ 22	72	65	2	3	1	1	128	107	5	9	4	3	
DOMESTIC													
Total	10,753	2,708	72	4,609	1,501	1,863	10,769	2,699	73	4,607	1,509	1,881	
40	1	—	1	—	—	—	1	—	1	—	—	—	
39	2	—	2	—	—	—	—	—	—	—	—	—	
38	2	—	2	—	—	—	—	—	—	—	—	—	
37	5	—	5	—	—	—	2	—	2	—	—	—	
36	6	—	6	—	—	—	2	—	2	—	—	—	
35	4	—	4	—	—	—	4	—	4	—	—	—	
34	2	—	2	—	—	—	1	—	1	—	—	—	
33	6	—	6	—	—	—	4	—	4	—	—	—	
32	4	—	4	—	—	—	—	—	—	—	—	—	
31	2	—	2	—	—	—	3	—	2	—	—	1	
30	2	—	2	—	—	—	4	—	4	—	—	—	
29	3	—	3	—	—	—	1	—	—	—	—	1	
28	9	—	2	—	—	7	2	—	2	—	—	—	
27	17	—	2	—	—	15	5	—	—	—	—	5	
26	16	—	2	—	—	14	4	—	2	—	—	2	
25	34	—	5	—	—	29	32	—	2	—	—	30	
24	20	—	1	—	—	19	4	—	—	—	—	4	
23	12	—	10	—	—	2	3	—	3	—	—	—	
≤ 22	10,606	2,708	11	4,609	1,501	1,777	10,697	2,699	44	4,607	1,509	1,838	
										Total trips:		25,212	

Trips and Drafts of Vessels, 2012
(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

	Inbound						Outbound					
Grand Total	557	478	10	34	35	---	567	480	10	34	42	1

FOREIGN

Total	332	322	10	---	---	---	335	325	10	---	---	---
36	2	2	---	---	---	---	3	3	---	---	---	---
35	11	7	4	---	---	---	---	---	---	---	---	---
34	18	15	3	---	---	---	6	6	---	---	---	---
33	36	33	3	---	---	---	9	8	1	---	---	---
32	9	9	---	---	---	---	21	19	2	---	---	---
31	20	20	---	---	---	---	33	32	1	---	---	---
30	18	18	---	---	---	---	24	23	1	---	---	---
29	42	42	---	---	---	---	15	13	2	---	---	---
28	29	29	---	---	---	---	26	25	1	---	---	---
27	37	37	---	---	---	---	43	43	---	---	---	---
26	24	24	---	---	---	---	36	34	2	---	---	---
25	21	21	---	---	---	---	29	29	---	---	---	---
24	9	9	---	---	---	---	7	7	---	---	---	---
23	3	3	---	---	---	---	20	20	---	---	---	---
22	25	25	---	---	---	---	6	6	---	---	---	---
21	14	14	---	---	---	---	1	1	---	---	---	---
20	2	2	---	---	---	---	4	4	---	---	---	---
19	8	8	---	---	---	---	4	4	---	---	---	---
≤ 18	4	4	---	---	---	---	48	48	---	---	---	---

DOMESTIC

Total	225	156	---	34	35	---	232	155	---	34	42	1
≤ 18	225	156	---	34	35	---	232	155	---	34	42	1
										Total trips:		1,124

MISSION BAY, CA
No Vessel Trips Reported

MORRO BAY HARBOR, CA
No Vessel Trips Reported

NEWPORT BAY HARBOR, CA
(13 feet and less)

	Inbound						Outbound					
Grand Total	73,621	73,366	---	255	---	---	73,619	73,366	---	253	---	---
										Total trips:		147,240

OCEANSIDE HARBOR, CA
No Vessel Trips Reported

REDONDO BEACH, CA
(9 feet and less)

	Inbound						Outbound					
Grand Total	32	---	---	31	1	---	32	---	---	31	1	---
										Total trips:		64

SANTA BARBARA HARBOR, CA
(19 feet and less)

	Inbound						Outbound					
Grand Total	34	33	---	1	---	---	34	33	---	1	---	---
										Total trips:		68

Trips and Drafts of Vessels, 2012
(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	322	22	3	153	144	---	327	26	2	153	146	---
FOREIGN												
Total	25	22	3	---	---	---	28	26	2	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	2	1	1	---	---	---	---	---	---	---	---	---
31	1	---	1	---	---	---	1	1	---	---	---	---
30	3	2	1	---	---	---	6	4	2	---	---	---
29	1	1	---	---	---	---	2	2	---	---	---	---
28	3	3	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	1	1	---	---	---	---
26	4	4	---	---	---	---	8	8	---	---	---	---
25	1	1	---	---	---	---	3	3	---	---	---	---
24	---	---	---	---	---	---	3	3	---	---	---	---
22	1	1	---	---	---	---	2	2	---	---	---	---
21	4	4	---	---	---	---	---	---	---	---	---	---
20	2	2	---	---	---	---	---	---	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	297	---	---	153	144	---	299	---	---	153	146	---
13	---	---	---	---	---	---	1	---	---	---	1	---
11	1	---	---	---	1	---	29	---	---	---	29	---
10	2	---	---	---	2	---	74	---	---	---	74	---
9	42	---	---	40	2	---	81	---	---	69	12	---
8	45	---	---	45	---	---	71	---	---	67	4	---
7	1	---	---	1	---	---	1	---	---	1	---	---
≤ 6	206	---	---	67	139	---	42	---	---	16	26	---
											Total trips:	649

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA												
	Upbound						Downbound					
Grand Total	25	22	3	---	---	---	28	26	2	---	---	---
FOREIGN												
Total	25	22	3	---	---	---	28	26	2	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	2	1	1	---	---	---	---	---	---	---	---	---
31	1	---	1	---	---	---	1	1	---	---	---	---
30	3	2	1	---	---	---	6	4	2	---	---	---
29	1	1	---	---	---	---	2	2	---	---	---	---
28	3	3	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	1	1	---	---	---	---
26	4	4	---	---	---	---	8	8	---	---	---	---
25	1	1	---	---	---	---	3	3	---	---	---	---
24	---	---	---	---	---	---	3	3	---	---	---	---
22	1	1	---	---	---	---	2	2	---	---	---	---
21	4	4	---	---	---	---	---	---	---	---	---	---
20	2	2	---	---	---	---	---	---	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
											Total trips:	53

Trips and Drafts of Vessels, 2012
(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	25	22	3	---	---	---	28	26	2	---	---	---
FOREIGN												
Total	25	22	3	---	---	---	28	26	2	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	2	1	1	---	---	---	---	---	---	---	---	---
31	1	---	1	---	---	---	1	1	---	---	---	---
30	3	2	1	---	---	---	6	4	2	---	---	---
29	1	1	---	---	---	---	2	2	---	---	---	---
28	3	3	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	1	1	---	---	---	---
26	4	4	---	---	---	---	8	8	---	---	---	---
25	1	1	---	---	---	---	3	3	---	---	---	---
24	---	---	---	---	---	---	3	3	---	---	---	---
22	1	1	---	---	---	---	2	2	---	---	---	---
21	4	4	---	---	---	---	---	---	---	---	---	---
20	2	2	---	---	---	---	---	---	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
											Total trips:	53
SAN JOAQUIN RIVER, CA												
	Upbound						Downbound					
Grand Total	661	158	51	348	76	28	475	153	52	164	76	30
FOREIGN												
Total	204	155	49	---	---	---	200	150	50	---	---	---
40	---	---	---	---	---	---	6	6	---	---	---	---
39	1	1	---	---	---	---	9	9	---	---	---	---
38	---	---	---	---	---	---	4	3	1	---	---	---
37	1	---	1	---	---	---	1	1	---	---	---	---
36	---	---	---	---	---	---	1	---	1	---	---	---
35	---	---	---	---	---	---	13	13	---	---	---	---
34	2	2	---	---	---	---	5	5	---	---	---	---
33	11	7	4	---	---	---	7	7	---	---	---	---
32	24	17	7	---	---	---	10	9	1	---	---	---
31	28	16	12	---	---	---	8	5	3	---	---	---
30	27	18	9	---	---	---	22	16	6	---	---	---
29	18	13	5	---	---	---	8	3	5	---	---	---
28	22	17	5	---	---	---	15	7	8	---	---	---
27	14	13	1	---	---	---	8	6	2	---	---	---
26	11	9	2	---	---	---	11	7	4	---	---	---
25	10	8	2	---	---	---	15	11	4	---	---	---
24	6	6	---	---	---	---	8	6	2	---	---	---
23	4	4	---	---	---	---	16	9	7	---	---	---
22	6	6	---	---	---	---	10	7	3	---	---	---
21	7	7	---	---	---	---	9	8	1	---	---	---
20	2	2	---	---	---	---	1	---	1	---	---	---
19	3	3	---	---	---	---	9	8	1	---	---	---
18	4	4	---	---	---	---	3	3	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	1	1	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	1	---	1	---	---	---	---	---	---	---	---	---
											Total trips:	1,136
DOMESTIC												
Total	457	3	2	348	76	28	275	3	2	164	76	30
36	2	2	---	---	---	---	---	---	---	---	---	---
23	2	---	2	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	22	---	---	22	---	---
17	---	---	---	---	---	---	10	---	---	10	---	---
15	15	---	---	15	---	---	15	---	---	15	---	---
14	3	---	---	3	---	---	2	---	2	---	---	---
13	4	---	---	---	4	---	2	---	2	---	---	---
≤ 12	431	1	---	330	72	28	224	3	---	115	76	30

Trips and Drafts of Vessels, 2012
(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
STOCKTON, CA												
	Inbound						Outbound					
Grand Total	220	101	51	39	1	28	214	95	52	36	1	30
FOREIGN												
Total	147	98	49	—	—	—	142	92	50	—	—	—
40	—	—	—	—	—	—	6	6	—	—	—	—
39	1	1	—	—	—	—	8	8	—	—	—	—
38	—	—	—	—	—	—	4	3	1	—	—	—
37	1	—	1	—	—	—	1	1	—	—	—	—
36	—	—	—	—	—	—	1	—	1	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
33	6	2	4	—	—	—	2	2	—	—	—	—
32	14	7	7	—	—	—	7	6	1	—	—	—
31	17	5	12	—	—	—	8	5	3	—	—	—
30	16	7	9	—	—	—	14	8	6	—	—	—
29	17	12	5	—	—	—	8	3	5	—	—	—
28	17	12	5	—	—	—	15	7	8	—	—	—
27	11	10	1	—	—	—	8	6	2	—	—	—
26	11	9	2	—	—	—	11	7	4	—	—	—
25	8	6	2	—	—	—	15	11	4	—	—	—
24	5	5	—	—	—	—	3	1	2	—	—	—
23	4	4	—	—	—	—	9	2	7	—	—	—
22	3	3	—	—	—	—	6	3	3	—	—	—
21	5	5	—	—	—	—	8	7	1	—	—	—
20	2	2	—	—	—	—	1	—	1	—	—	—
19	3	3	—	—	—	—	5	4	1	—	—	—
≤ 18	5	4	1	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	73	3	2	39	1	28	72	3	2	36	1	30
36	2	2	—	—	—	—	—	—	—	—	—	—
23	2	—	2	—	—	—	—	—	—	—	—	—
≤ 18	69	1	—	39	1	28	72	3	2	36	1	30
Total trips:											434	

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, 2012
(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	3,486	2,375	781	45	8	277	3,524	2,396	779	62	4	283
FOREIGN												
Total	2,779	2,209	562	3	1	4	2,810	2,223	560	21	—	6
48	2	2	—	—	—	—	—	—	—	—	—	—
47	2	2	—	—	—	—	—	—	—	—	—	—
46	4	4	—	—	—	—	6	6	—	—	—	—
45	15	15	—	—	—	—	—	—	—	—	—	—
44	9	8	1	—	—	—	7	7	—	—	—	—
43	12	10	2	—	—	—	23	23	—	—	—	—
42	25	22	3	—	—	—	27	26	1	—	—	—
41	67	37	30	—	—	—	35	34	1	—	—	—
40	77	55	22	—	—	—	84	81	3	—	—	—
39	98	73	25	—	—	—	105	101	4	—	—	—
38	83	62	21	—	—	—	115	103	12	—	—	—
37	132	95	37	—	—	—	118	103	15	—	—	—
36	121	83	38	—	—	—	129	111	18	—	—	—
35	124	103	21	—	—	—	123	103	20	—	—	—
34	95	76	19	—	—	—	105	87	18	—	—	—
33	251	215	36	—	—	—	106	93	13	—	—	—
32	710	642	66	1	—	1	308	221	87	—	—	—
31	148	118	30	—	—	—	107	88	19	—	—	—
30	132	99	33	—	—	—	693	622	70	1	—	—
29	196	163	33	—	—	—	121	80	41	—	—	—
28	114	83	31	—	—	—	128	66	62	—	—	—
27	102	80	22	—	—	—	187	103	84	—	—	—
26	63	43	20	—	—	—	62	49	13	—	—	—
25	54	30	24	—	—	—	57	32	25	—	—	—
24	17	10	7	—	—	—	32	21	11	—	—	—
23	18	9	8	—	1	—	29	14	15	—	—	—
22	22	12	10	—	—	—	22	13	9	—	—	—
21	36	22	14	—	—	—	20	14	6	—	—	—
20	12	9	3	—	—	—	10	4	6	—	—	—
19	11	9	2	—	—	—	16	12	4	—	—	—
≤ 18	27	18	4	2	—	3	35	6	3	20	—	6
DOMESTIC												
Total	707	166	219	42	7	273	714	173	219	41	4	277
50	1	—	1	—	—	—	—	—	—	—	—	—
49	4	—	4	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
45	13	—	13	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	7	—	7	—	—	—	7	3	4	—	—	—
38	—	—	—	—	—	—	17	14	3	—	—	—
37	12	1	11	—	—	—	32	16	16	—	—	—
36	16	10	6	—	—	—	24	13	11	—	—	—
35	24	6	18	—	—	—	27	20	7	—	—	—
34	35	18	17	—	—	—	13	8	5	—	—	—
33	25	13	12	—	—	—	14	4	10	—	—	—
32	17	7	10	—	—	—	3	1	2	—	—	—
31	36	13	23	—	—	—	23	—	22	—	—	1
30	16	8	6	—	—	2	7	4	3	—	—	—
29	23	15	6	—	—	2	16	10	5	—	—	1
28	20	12	1	—	—	7	14	7	1	—	—	6
27	12	6	1	—	—	5	24	5	1	—	—	18
26	26	3	4	—	—	19	18	1	4	—	—	13
25	37	—	5	—	—	32	33	—	8	—	—	25
24	25	1	4	—	—	20	45	1	1	—	—	43
23	7	—	6	—	—	1	13	—	10	—	—	3
22	34	—	28	—	—	6	37	2	31	—	—	4
21	22	—	6	—	—	16	18	1	11	—	—	6
20	5	—	4	—	—	1	12	1	3	—	—	8
19	3	—	—	—	—	3	5	—	—	—	—	5
≤ 18	281	53	20	42	7	159	312	62	61	41	4	144
Total trips:											7,010	

Trips and Drafts of Vessels, 2012
(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	41,895	40,850	2	828	138	77	42,541	41,492	1	832	138	78

FOREIGN

Total	89	87	2	—	—	—	90	86	1	2	—	1
43	1	1	—	—	—	—	—	—	—	—	—	—
42	1	1	—	—	—	—	—	—	—	—	—	—
41	1	1	—	—	—	—	—	—	—	—	—	—
39	1	1	—	—	—	—	1	1	—	—	—	—
37	9	9	—	—	—	—	9	9	—	—	—	—
36	3	3	—	—	—	—	—	—	—	—	—	—
35	1	1	—	—	—	—	1	1	—	—	—	—
33	1	1	—	—	—	—	2	1	1	—	—	—
32	2	2	—	—	—	—	1	1	—	—	—	—
31	2	1	1	—	—	—	2	2	—	—	—	—
30	1	1	—	—	—	—	1	1	—	—	—	—
29	3	3	—	—	—	—	2	2	—	—	—	—
28	23	23	—	—	—	—	21	21	—	—	—	—
27	24	24	—	—	—	—	30	30	—	—	—	—
26	5	5	—	—	—	—	7	7	—	—	—	—
25	2	2	—	—	—	—	2	2	—	—	—	—
24	—	—	—	—	—	—	3	3	—	—	—	—
23	2	2	—	—	—	—	2	2	—	—	—	—
≤ 22	7	6	1	—	—	—	6	3	—	2	—	1

DOMESTIC

Total	41,806	40,763	—	828	138	77	42,451	41,406	—	830	138	77
29	364	364	—	—	—	—	370	370	—	—	—	—
24	1,423	1,422	—	—	—	1	1,427	1,422	—	—	—	5
≤ 22	40,019	38,977	—	828	138	76	40,654	39,614	—	830	138	72
										Total trips:		84,436

REDWOOD CITY HARBOR, CA

	Inbound						Outbound					
Grand Total	209	13	—	161	31	4	210	15	—	161	30	4

FOREIGN

Total	13	13	—	—	—	—	16	15	—	1	—	—
38	3	3	—	—	—	—	5	5	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	6	6	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
≤ 22	3	3	—	—	—	—	3	2	—	1	—	—

DOMESTIC

Total	196	—	—	161	31	4	194	—	—	160	30	4
≤ 22	196	—	—	161	31	4	194	—	—	160	30	4
										Total trips:		419

Trips and Drafts of Vessels, 2012
(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

	Inbound						Outbound					
Grand Total	13,463	11,052	1	1,612	125	673	10,336	7,918	2	1,613	130	673

FOREIGN

Total	1,682	1,679	1	1	—	1	1,689	1,684	2	3	—	—
46	—	—	—	—	—	—	6	6	—	—	—	—
44	7	7	—	—	—	—	7	7	—	—	—	—
43	8	8	—	—	—	—	23	23	—	—	—	—
42	20	20	—	—	—	—	26	26	—	—	—	—
41	35	35	—	—	—	—	34	34	—	—	—	—
40	54	54	—	—	—	—	72	72	—	—	—	—
39	71	71	—	—	—	—	84	84	—	—	—	—
38	59	59	—	—	—	—	91	91	—	—	—	—
37	86	86	—	—	—	—	92	92	—	—	—	—
36	78	77	1	—	—	—	109	109	—	—	—	—
35	102	102	—	—	—	—	89	89	—	—	—	—
34	69	69	—	—	—	—	78	78	—	—	—	—
33	200	200	—	—	—	—	76	76	—	—	—	—
32	599	599	—	—	—	—	197	197	—	—	—	—
31	83	83	—	—	—	—	72	72	—	—	—	—
30	45	45	—	—	—	—	581	580	1	—	—	—
29	109	109	—	—	—	—	31	30	1	—	—	—
28	19	19	—	—	—	—	8	8	—	—	—	—
27	19	19	—	—	—	—	3	3	—	—	—	—
26	5	5	—	—	—	—	3	3	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
≤ 22	8	6	—	1	—	1	7	4	—	3	—	—

DOMESTIC

Total	11,781	9,373	—	1,611	125	672	8,647	6,234	—	1,610	130	673
39	—	—	—	—	—	—	6	6	—	—	—	—
38	1	1	—	—	—	—	14	14	—	—	—	—
37	1	1	—	—	—	—	13	13	—	—	—	—
36	11	11	—	—	—	—	25	25	—	—	—	—
35	14	14	—	—	—	—	20	20	—	—	—	—
34	15	15	—	—	—	—	2	2	—	—	—	—
33	9	9	—	—	—	—	1	1	—	—	—	—
32	9	9	—	—	—	—	2	2	—	—	—	—
31	5	5	—	—	—	—	—	—	—	—	—	—
30	11	11	—	—	—	—	6	6	—	—	—	—
29	126	126	—	—	—	—	126	126	—	—	—	—
28	10	10	—	—	—	—	5	5	—	—	—	—
27	5	5	—	—	—	—	1	1	—	—	—	—
26	3	3	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	14	1	—	—	—	13	103	—	—	—	—	103
≤ 22	11,547	9,152	—	1,611	125	659	8,322	6,012	—	1,610	130	570
										Total trips:		23,799

RICHMOND HARBOR, CA

	Inbound						Outbound					
Grand Total	5,612	122	382	4,052	38	1,018	5,640	136	387	4,060	34	1,023

FOREIGN

Total	329	111	214	1	1	2	342	126	213	2	—	1
48	1	1	—	—	—	—	—	—	—	—	—	—
47	1	1	—	—	—	—	—	—	—	—	—	—
45	4	4	—	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	3	—	3	—	—	—	—	—	—	—	—	—
41	31	1	30	—	—	—	1	—	1	—	—	—
40	22	—	22	—	—	—	6	3	3	—	—	—
39	23	—	23	—	—	—	8	7	1	—	—	—
38	11	—	11	—	—	—	9	4	5	—	—	—
37	5	—	5	—	—	—	5	1	4	—	—	—
36	4	3	1	—	—	—	8	2	6	—	—	—
35	—	—	—	—	—	—	4	—	4	—	—	—
34	4	1	3	—	—	—	11	4	7	—	—	—
33	12	2	10	—	—	—	7	5	2	—	—	—
32	30	11	17	1	—	1	67	6	61	—	—	—
31	8	3	5	—	—	—	10	2	8	—	—	—

Trips and Drafts of Vessels, 2012
(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												
30	15	7	8	—	—	—	29	11	17	1	—	—
29	22	16	6	—	—	—	16	11	5	—	—	—
28	24	12	12	—	—	—	21	13	8	—	—	—
27	21	14	7	—	—	—	61	25	36	—	—	—
26	23	14	9	—	—	—	21	15	6	—	—	—
25	16	8	8	—	—	—	19	10	9	—	—	—
24	7	3	4	—	—	—	11	7	4	—	—	—
23	6	—	5	—	—	1	6	—	6	—	—	—
≤ 22	33	10	22	—	—	1	21	—	19	1	—	1
DOMESTIC												
Total	5,283	11	168	4,051	37	1,016	5,298	10	174	4,058	34	1,022
49	4	—	4	—	—	—	1	—	1	—	—	—
45	3	—	3	—	—	—	3	—	3	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	7	—	7	—	—	—	3	—	3	—	—	—
38	—	—	—	—	—	—	3	—	3	—	—	—
37	12	—	12	—	—	—	17	—	17	—	—	—
36	7	—	7	—	—	—	11	—	11	—	—	—
35	17	—	17	—	—	—	6	—	6	—	—	—
34	15	—	15	—	—	—	6	—	6	—	—	—
33	9	—	9	—	—	—	7	—	7	—	—	—
32	5	—	5	—	—	—	8	—	8	—	—	—
31	11	—	11	—	—	—	4	—	4	—	—	—
30	4	—	4	—	—	—	6	—	6	—	—	—
29	6	—	6	—	—	—	5	—	5	—	—	—
28	4	—	2	—	—	2	6	—	5	—	—	—
27	—	—	—	—	—	—	1	—	—	—	—	1
26	10	—	2	—	—	—	8	—	3	—	—	—
25	51	—	5	—	—	46	40	—	7	—	—	33
24	21	—	2	—	—	19	148	—	1	—	—	147
23	9	—	9	—	—	—	6	—	5	—	—	1
≤ 22	5,083	11	43	4,051	37	941	5,014	10	73	4,058	34	839
										Total trips:		11,252

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

	Upbound						Downbound					
Grand Total	11,069	9,244	447	843	261	274	10,764	9,007	439	816	243	259
FOREIGN												
Total	627	288	339	—	—	—	637	286	334	13	—	4
40	—	—	—	—	—	—	6	6	—	—	—	—
39	3	1	2	—	—	—	12	9	3	—	—	—
38	9	—	9	—	—	—	10	3	7	—	—	—
37	32	—	32	—	—	—	12	1	11	—	—	—
36	35	—	35	—	—	—	12	—	12	—	—	—
35	21	—	21	—	—	—	29	13	16	—	—	—
34	22	6	16	—	—	—	16	5	11	—	—	—
33	37	11	26	—	—	—	21	11	10	—	—	—
32	77	28	49	—	—	—	41	17	24	—	—	—
31	54	30	24	—	—	—	22	12	10	—	—	—
30	69	44	25	—	—	—	80	29	51	—	—	—
29	60	34	26	—	—	—	65	32	33	—	—	—
28	46	27	19	—	—	—	77	23	54	—	—	—
27	34	20	14	—	—	—	69	23	46	—	—	—
26	29	19	10	—	—	—	27	22	5	—	—	—
25	30	14	16	—	—	—	35	19	16	—	—	—
24	10	7	3	—	—	—	18	11	7	—	—	—
23	8	5	3	—	—	—	19	10	9	—	—	—
≤ 22	51	42	9	—	—	—	66	40	9	13	—	4

Trips and Drafts of Vessels, 2012
(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	10,442	8,956	108	843	261	274	10,127	8,721	105	803	243	255
50	1	—	1	—	—	—	—	—	—	—	—	—
49	1	—	1	—	—	—	—	—	—	—	—	—
47	1	—	1	—	—	—	—	—	—	—	—	—
45	13	—	13	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
36	6	6	—	—	—	—	1	—	1	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	3	—	3	—	—	—	—	—	—	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	8	—	8	—	—	—	—	—	—	—	—	—
31	14	—	14	—	—	—	21	—	20	—	—	1
30	8	—	6	—	—	2	—	—	—	—	—	—
29	196	192	2	—	—	2	195	192	2	—	—	1
28	10	—	4	—	—	6	8	—	1	—	—	7
27	9	—	1	—	—	8	18	—	1	—	—	17
26	14	—	2	—	—	12	15	—	1	—	—	14
25	5	—	4	—	—	1	12	—	5	—	—	7
24	16	—	2	—	—	14	3	—	—	—	—	3
23	8	—	6	—	—	2	13	—	10	—	—	3
≤ 22	10,125	8,758	36	843	261	227	9,836	8,529	59	803	243	202
										Total trips:		21,833

CARQUINEZ STRAIT, CA

Upbound

Downbound

Grand Total	3,222	1,515	405	881	156	265	3,131	1,514	401	812	160	244
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FOREIGN

Total	593	287	306	—	—	—	598	286	303	5	—	4
40	—	—	—	—	—	—	6	6	—	—	—	—
39	2	1	1	—	—	—	11	9	2	—	—	—
38	9	—	9	—	—	—	9	3	6	—	—	—
37	28	—	28	—	—	—	7	1	6	—	—	—
36	34	—	34	—	—	—	10	—	10	—	—	—
35	17	—	17	—	—	—	28	13	15	—	—	—
34	21	6	15	—	—	—	14	5	9	—	—	—
33	32	11	21	—	—	—	21	11	10	—	—	—
32	77	28	49	—	—	—	40	17	23	—	—	—
31	53	30	23	—	—	—	20	12	8	—	—	—
30	68	44	24	—	—	—	80	29	51	—	—	—
29	57	33	24	—	—	—	63	32	31	—	—	—
28	46	27	19	—	—	—	71	23	48	—	—	—
27	30	20	10	—	—	—	64	23	41	—	—	—
26	23	19	4	—	—	—	27	22	5	—	—	—
25	28	14	14	—	—	—	34	19	15	—	—	—
24	10	7	3	—	—	—	16	11	5	—	—	—
23	8	5	3	—	—	—	19	10	9	—	—	—
≤ 22	50	42	8	—	—	—	58	40	9	5	—	4

DOMESTIC

Total	2,629	1,228	99	881	156	265	2,533	1,228	98	807	160	240
45	12	—	12	—	—	—	1	—	1	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
36	6	6	—	—	—	—	1	—	1	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	3	—	3	—	—	—	—	—	—	—	—	—
33	3	—	3	—	—	—	2	—	2	—	—	—
32	8	—	8	—	—	—	—	—	—	—	—	—
31	6	—	6	—	—	—	12	—	11	—	—	1
30	8	—	6	—	—	2	1	—	1	—	—	—
29	4	—	2	—	—	2	6	—	2	—	—	4
28	9	—	4	—	—	5	8	—	1	—	—	7
27	9	—	1	—	—	8	24	—	1	—	—	23
26	16	—	2	—	—	14	19	—	2	—	—	17
25	5	—	3	—	—	2	9	—	3	—	—	6
24	15	—	2	—	—	13	5	—	—	—	—	5
23	9	—	7	—	—	2	12	—	10	—	—	2
≤ 22	2,515	1,222	39	881	156	217	2,431	1,228	61	807	160	175
										Total trips:		6,353

Trips and Drafts of Vessels, 2012
(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
SUISUN BAY CHANNEL, CA												
				Upbound						Downbound		
Grand Total	758	183	101	281	132	61	761	183	104	277	137	60
FOREIGN												
Total	257	180	77	—	—	—	258	180	78	—	—	—
40	—	—	—	—	—	—	6	6	—	—	—	—
39	1	1	—	—	—	—	10	9	1	—	—	—
38	—	—	—	—	—	—	7	3	4	—	—	—
37	1	—	1	—	—	—	3	1	2	—	—	—
36	—	—	—	—	—	—	3	—	3	—	—	—
35	—	—	—	—	—	—	18	13	5	—	—	—
34	2	2	—	—	—	—	7	5	2	—	—	—
33	12	8	4	—	—	—	10	8	2	—	—	—
32	27	18	9	—	—	—	15	9	6	—	—	—
31	29	16	13	—	—	—	10	7	3	—	—	—
30	33	20	13	—	—	—	29	20	9	—	—	—
29	24	15	9	—	—	—	12	6	6	—	—	—
28	29	20	9	—	—	—	17	8	9	—	—	—
27	20	13	7	—	—	—	10	7	3	—	—	—
26	15	13	2	—	—	—	20	16	4	—	—	—
25	15	9	6	—	—	—	18	14	4	—	—	—
24	7	6	1	—	—	—	11	9	2	—	—	—
23	7	5	2	—	—	—	16	9	7	—	—	—
22	7	7	—	—	—	—	13	10	3	—	—	—
21	11	11	—	—	—	—	9	8	1	—	—	—
20	4	4	—	—	—	—	1	—	1	—	—	—
19	3	3	—	—	—	—	9	8	1	—	—	—
≤ 18	10	9	1	—	—	—	4	4	—	—	—	—
DOMESTIC												
Total	501	3	24	281	132	61	503	3	26	277	137	60
39	—	—	—	—	—	—	1	—	1	—	—	—
36	2	2	—	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	1	—	1	—	—	—
32	3	—	3	—	—	—	—	—	—	—	—	—
31	1	—	1	—	—	—	1	—	1	—	—	—
29	1	—	1	—	—	—	2	—	2	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
26	1	—	1	—	—	—	1	—	1	—	—	—
25	3	—	2	—	—	1	2	—	2	—	—	—
24	1	—	1	—	—	—	—	—	—	—	—	—
23	5	—	5	—	—	—	4	—	4	—	—	—
21	1	—	1	—	—	—	4	—	1	—	—	3
20	5	—	—	—	—	5	2	—	1	—	—	1
19	—	—	—	—	—	—	2	—	—	—	—	2
≤ 18	476	1	7	281	132	55	483	3	12	277	137	54
										Total trips:		1,519
PETALUMA RIVER, CA												
				Upbound						Downbound		
Grand Total	206	—	—	103	103	—	201	—	—	103	98	—
DOMESTIC												
Total	206	—	—	103	103	—	201	—	—	103	98	—
13	35	—	—	—	35	—	—	—	—	—	—	—
12	24	—	—	—	24	—	—	—	—	—	—	—
11	24	—	—	—	24	—	—	—	—	—	—	—
10	8	—	—	—	8	—	10	—	—	10	—	—
9	80	—	—	80	—	—	75	—	—	75	—	—
8	1	—	—	1	—	—	1	—	—	1	—	—
6	22	—	—	22	—	—	17	—	—	17	—	—
5	5	—	—	—	5	—	5	—	—	—	5	—
4	7	—	—	—	7	—	—	—	—	—	—	—
3	—	—	—	—	—	—	33	—	—	—	33	—
2	—	—	—	—	—	—	60	—	—	—	60	—
										Total trips:		407

Trips and Drafts of Vessels, 2012
(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
HUMBOLDT HARBOR AND BAY, CA												
	Inbound						Outbound					
Grand Total	91	12	—	25	23	31	92	13	—	28	26	25
FOREIGN												
Total	12	12	—	—	—	—	14	13	—	1	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
32	—	—	—	—	—	—	1	1	—	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—
21	4	4	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	2	2	—	—	—	—	9	8	—	1	—	—
DOMESTIC												
Total	79	—	—	25	23	31	78	—	—	27	26	25
25	1	—	—	—	—	1	1	—	—	—	—	1
≤ 18	78	—	—	25	23	30	77	—	—	27	26	24
										Total trips:		183

BERKELEY, CA
No Vessel Trips Reported

BODEGA BAY, CA
No Vessel Trips Reported

CRESCENT CITY HARBOR, CA
No Vessel Trips Reported

MONTEREY HARBOR, CA
(15 feet and less)

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	1	1	—	—	—	—	—	—	—	—	—	—
										Total trips:		1

MOSS LANDING HARBOR, CA
No Vessel Trips Reported

NAPA RIVER, CA
(14 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
Grand Total	50	—	—	25	25	—	50	—	—	25	25	—
										Total trips:		100

NOYO RIVER, CA
No Vessel Trips Reported

PILLAR POINT HARBOR, CA
No Vessel Trips Reported

Trips and Drafts of Vessels, 2012
(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 LEANDRO MARINA, CA (6 feet and less)														
				Inbound							Outbound			
Grand Total	96	—	—	48	48	—	134	—	—	—	67	67	—	
											Total trips:		67	230
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 (48 feet and less)														
				Upbound							Downbound			
Grand Total	21,975	20,323	6	1,069	308	269	22,270	20,518	10	1,123	348	271	44,245	
											Total trips:		348	44,245

Trips and Drafts of Vessels, 2012
(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	637	140	7	324	82	84	625	133	7	319	77	89

FOREIGN

Total	83	76	7	---	---	---	83	76	7	---	---	---
37	6	6	---	---	---	---	6	6	---	---	---	---
28	24	24	---	---	---	---	22	22	---	---	---	---
27	24	24	---	---	---	---	26	26	---	---	---	---
26	7	7	---	---	---	---	7	7	---	---	---	---
25	1	---	1	---	---	---	1	---	1	---	---	---
24	9	9	---	---	---	---	9	9	---	---	---	---
23	1	---	1	---	---	---	1	---	1	---	---	---
22	4	---	4	---	---	---	3	---	3	---	---	---
21	2	1	1	---	---	---	3	1	2	---	---	---
20	5	5	---	---	---	---	5	5	---	---	---	---

DOMESTIC

Total	554	64	---	324	82	84	542	57	---	319	77	89
27	35	35	---	---	---	---	34	34	---	---	---	---
26	22	22	---	---	---	---	22	22	---	---	---	---
23	9	---	---	---	---	9	---	---	---	---	---	---
22	5	---	---	---	---	5	---	---	---	---	---	---
21	9	---	---	---	---	9	---	---	---	---	---	---
20	4	---	---	---	4	---	3	---	---	---	1	---
≤ 18	470	7	---	324	78	61	483	1	---	319	76	87
Total trips:											76	87
												1,262

KAWAIHAE HARBOR, HAWAII IS., HI

	Inbound						Outbound					
Grand Total	496	8	---	309	179	---	515	7	---	300	208	---

FOREIGN

Total	4	4	---	---	---	---	3	3	---	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	---	---	---	---	---	---	1	1	---	---	---	---
29	---	---	---	---	---	---	1	1	---	---	---	---
28	1	1	---	---	---	---	---	---	---	---	---	---
27	2	2	---	---	---	---	---	---	---	---	---	---
≤ 18	1	1	---	---	---	---	---	---	---	---	---	---

DOMESTIC

Total	492	4	---	309	179	---	512	4	---	300	208	---
21	1	---	---	---	1	---	5	---	---	---	5	---
20	1	---	---	---	1	---	---	---	---	---	---	---
≤ 18	490	4	---	309	177	---	507	4	---	300	203	---
Total trips:											300	203
												1,011

KAHULUI HARBOR, MAUI, HI

	Inbound						Outbound					
Grand Total	903	76	7	547	184	89	876	77	6	528	174	91

FOREIGN

Total	14	7	7	---	---	---	13	7	6	---	---	---
27	4	4	---	---	---	---	4	4	---	---	---	---
25	1	---	1	---	---	---	1	---	1	---	---	---
24	1	1	---	---	---	---	---	---	---	---	---	---
23	3	1	2	---	---	---	1	---	1	---	---	---
22	2	---	2	---	---	---	2	1	1	---	---	---
21	2	1	1	---	---	---	4	2	2	---	---	---
20	1	---	1	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	1	---	1	---	---	---

Trips and Drafts of Vessels, 2012
(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					
DOMESTIC												
Total	889	69	---	547	184	89	863	70	---	528	174	91
36	---	---	---	---	---	---	6	6	---	---	---	---
27	35	35	---	---	---	---	35	35	---	---	---	---
26	21	21	---	---	---	---	22	22	---	---	---	---
22	6	---	---	---	---	6	---	---	---	---	---	---
21	10	---	---	---	1	9	---	---	---	---	---	---
20	4	---	---	---	2	2	---	---	---	---	---	---
≤ 18	813	13	---	547	181	72	800	7	---	528	174	91
										Total trips:		1,779

BARBERS POINT HARBOR, OAHU, HI

	Inbound						Outbound					
Grand Total	1,019	44	137	521	73	244	1,030	48	134	537	71	240

FOREIGN

Total	144	38	106	---	---	---	149	42	107	---	---	---
55	1	---	1	---	---	---	---	---	---	---	---	---
54	1	---	1	---	---	---	---	---	---	---	---	---
53	3	---	3	---	---	---	---	---	---	---	---	---
52	9	---	9	---	---	---	---	---	---	---	---	---
51	4	---	4	---	---	---	---	---	---	---	---	---
50	3	---	3	---	---	---	---	---	---	---	---	---
49	2	---	2	---	---	---	---	---	---	---	---	---
48	4	---	4	---	---	---	---	---	---	---	---	---
47	6	---	6	---	---	---	---	---	---	---	---	---
46	8	---	8	---	---	---	---	---	---	---	---	---
45	6	---	6	---	---	---	---	---	---	---	---	---
44	7	---	7	---	---	---	1	---	1	---	---	---
43	2	---	2	---	---	---	---	---	---	---	---	---
42	3	---	3	---	---	---	---	---	---	---	---	---
41	2	---	2	---	---	---	---	---	---	---	---	---
40	2	---	2	---	---	---	---	---	---	---	---	---
39	---	---	---	---	---	---	2	---	2	---	---	---
38	---	---	---	---	---	---	2	---	2	---	---	---
37	11	11	---	---	---	---	1	---	1	---	---	---
36	11	11	---	---	---	---	3	---	3	---	---	---
35	5	3	2	---	---	---	1	---	1	---	---	---
34	1	---	1	---	---	---	5	---	5	---	---	---
33	1	---	1	---	---	---	5	2	3	---	---	---
32	---	---	---	---	---	---	2	---	2	---	---	---
31	---	---	---	---	---	---	7	---	7	---	---	---
30	---	---	---	---	---	---	7	1	6	---	---	---
29	1	---	1	---	---	---	7	2	5	---	---	---
28	6	6	---	---	---	---	20	9	11	---	---	---
27	1	---	1	---	---	---	19	4	15	---	---	---
26	---	---	---	---	---	---	5	3	2	---	---	---
25	3	2	1	---	---	---	12	9	3	---	---	---
24	---	---	---	---	---	---	20	3	17	---	---	---
23	---	---	---	---	---	---	9	2	7	---	---	---
22	2	1	1	---	---	---	6	4	2	---	---	---
21	3	3	---	---	---	---	2	1	1	---	---	---
20	2	1	1	---	---	---	6	---	6	---	---	---
19	3	---	3	---	---	---	1	---	1	---	---	---
18	7	---	7	---	---	---	4	1	3	---	---	---
17	7	---	7	---	---	---	1	---	1	---	---	---
16	6	---	6	---	---	---	1	1	---	---	---	---
15	2	---	2	---	---	---	---	---	---	---	---	---
14	9	---	9	---	---	---	---	---	---	---	---	---

DOMESTIC

Total	875	6	31	521	73	244	881	6	27	537	71	240
36	1	---	1	---	---	---	1	---	1	---	---	---
35	1	---	1	---	---	---	---	---	---	---	---	---
34	---	---	---	---	---	---	1	---	1	---	---	---
31	4	---	4	---	---	---	5	---	5	---	---	---

Trips and Drafts of Vessels, 2012
(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

DOMESTIC

30	1	—	1	—	—	—	—	—	—	—	—	—
23	8	—	8	—	—	—	26	—	13	—	—	13
22	1	—	1	—	—	—	12	—	1	—	—	11
21	5	—	5	—	—	—	20	—	2	—	—	18
20	4	—	3	—	—	1	2	—	2	—	—	—
18	10	—	—	3	7	—	7	—	—	3	2	2
17	1	—	—	1	—	—	26	—	—	1	—	25
16	8	—	—	2	6	—	5	—	—	2	1	2
15	19	—	—	18	—	1	20	—	—	18	—	2
14	69	—	—	69	—	—	80	2	—	69	—	9
13	116	—	7	109	—	—	117	1	2	109	—	5
≤ 12	627	6	—	319	60	242	559	3	—	335	68	153
											Total trips:	2,049

HONOLULU HARBOR, OAHU, HI

Inbound

Outbound

Grand Total	2,880	712	41	1,608	391	128	2,836	683	49	1,632	344	128
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FOREIGN

Total	388	347	28	9	4	—	392	343	35	10	4	—
45	—	—	—	—	—	—	1	—	1	—	—	—
44	—	—	—	—	—	—	1	—	1	—	—	—
39	6	3	3	—	—	—	1	1	—	—	—	—
38	12	6	6	—	—	—	2	1	1	—	—	—
37	27	25	2	—	—	—	15	15	—	—	—	—
36	19	17	2	—	—	—	8	8	—	—	—	—
35	6	6	—	—	—	—	17	17	—	—	—	—
34	16	16	—	—	—	—	24	24	—	—	—	—
33	9	9	—	—	—	—	13	13	—	—	—	—
32	10	9	1	—	—	—	10	10	—	—	—	—
31	12	11	1	—	—	—	11	11	—	—	—	—
30	10	10	—	—	—	—	12	9	3	—	—	—
29	12	12	—	—	—	—	13	13	—	—	—	—
28	36	36	—	—	—	—	43	39	4	—	—	—
27	40	39	1	—	—	—	41	37	4	—	—	—
26	13	13	—	—	—	—	23	22	1	—	—	—
25	16	15	—	1	—	—	15	11	4	—	—	—
24	25	25	—	—	—	—	18	16	2	—	—	—
23	5	5	—	—	—	—	10	9	1	—	—	—
22	3	3	—	—	—	—	8	7	1	—	—	—
21	8	7	1	—	—	—	11	10	1	—	—	—
20	9	8	1	—	—	—	13	7	6	—	—	—
19	2	—	2	—	—	—	3	—	3	—	—	—
≤ 18	92	72	8	8	4	—	79	63	2	10	4	—

DOMESTIC

Total	2,492	365	13	1,599	387	128	2,444	340	14	1,622	340	128
39	5	5	—	—	—	—	—	—	—	—	—	—
38	29	29	—	—	—	—	1	1	—	—	—	—
37	18	18	—	—	—	—	1	1	—	—	—	—
36	21	21	—	—	—	—	6	6	—	—	—	—
35	32	32	—	—	—	—	16	16	—	—	—	—
34	20	20	—	—	—	—	22	22	—	—	—	—
33	13	13	—	—	—	—	18	18	—	—	—	—
32	15	15	—	—	—	—	10	10	—	—	—	—
31	9	9	—	—	—	—	11	11	—	—	—	—
30	5	4	1	—	—	—	10	9	1	—	—	—
29	3	3	—	—	—	—	17	17	—	—	—	—
28	7	7	—	—	—	—	14	14	—	—	—	—
27	43	43	—	—	—	—	53	53	—	—	—	—
26	21	21	—	—	—	—	41	41	—	—	—	—
25	—	—	—	—	—	—	3	3	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
23	10	—	8	—	—	2	1	1	—	—	—	—
22	3	2	1	—	—	—	1	—	1	—	—	—
21	24	1	2	—	21	—	5	—	4	—	1	—
20	4	1	1	—	2	—	9	—	3	—	5	1
≤ 18	2,209	120	—	1,599	364	126	2,203	115	5	1,622	334	127
											Total trips:	5,716

Trips and Drafts of Vessels, 2012
(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
NAWILIWILI HARBOR, KAUAI, HI												
	Inbound						Outbound					
Grand Total	508	109	7	264	83	45	511	110	8	261	84	48
FOREIGN												
Total	50	43	7	—	—	—	56	48	8	—	—	—
37	3	3	—	—	—	—	2	2	—	—	—	—
28	14	14	—	—	—	—	17	17	—	—	—	—
27	15	15	—	—	—	—	16	16	—	—	—	—
26	3	3	—	—	—	—	3	3	—	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
24	2	2	—	—	—	—	5	4	1	—	—	—
23	2	1	1	—	—	—	1	1	—	—	—	—
22	1	—	1	—	—	—	2	—	2	—	—	—
21	3	—	3	—	—	—	3	—	3	—	—	—
20	5	5	—	—	—	—	6	5	1	—	—	—
≤ 18	1	—	1	—	—	—	1	—	1	—	—	—
DOMESTIC												
Total	458	66	—	264	83	45	455	62	—	261	84	48
27	35	35	—	—	—	—	36	36	—	—	—	—
26	22	22	—	—	—	—	21	21	—	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
21	1	—	—	—	1	—	—	—	—	—	—	—
20	1	—	—	—	1	—	5	—	—	—	5	—
≤ 18	397	9	—	264	81	43	393	5	—	261	79	48
											Total trips:	1,019

HANA HARBOR, MAUI, HI
No Vessel Trips Reported

KAILUA HARBOR, OAHU, HI
No Vessel Trips Reported

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

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

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

	Inbound						Outbound					
Grand Total	153	—	—	148	4	1	150	—	—	145	4	1
											Total trips:	303

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

	Inbound						Outbound					
Grand Total	32	—	—	32	—	—	31	—	—	31	—	—
											Total trips:	63

WAKE ISLAND HARBOR, WAKE ISLAND
No Vessel Trips Reported

WELLS HARBOR, MIDWAY ISLAND
No Vessel Trips Reported

Trips and Drafts of Vessels, 2012
(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	1,929	---	1	235	1,301	392	1,950	---	---	236	1,291	423
DOMESTIC												
Total	1,929	---	1	235	1,301	392	1,950	---	---	236	1,291	423
17	---	---	---	---	---	---	6	---	---	---	6	---
16	1	---	---	---	1	---	31	---	---	---	31	---
15	128	---	---	---	128	---	38	---	---	---	38	---
14	2	---	1	---	1	---	369	---	---	---	369	---
13	56	---	---	---	8	48	494	---	---	---	492	2
≤ 12	1,742	---	---	235	1,163	344	1,012	---	---	236	355	421
										Total trips:		3,879

SNAKE RIVER, OR, WA AND ID

	Upbound						Downbound					
Grand Total	1,190	---	---	190	963	37	1,175	---	---	194	953	28
DOMESTIC												
Total	1,190	---	---	190	963	37	1,175	---	---	194	953	28
17	---	---	---	---	---	---	5	---	---	---	5	---
16	1	---	---	---	1	---	91	---	---	---	91	---
15	---	---	---	---	---	---	30	---	---	---	30	---
14	82	---	---	---	82	---	238	---	---	---	238	---
13	17	---	---	---	2	15	366	---	---	---	365	1
12	6	---	---	---	6	---	10	---	---	---	2	8
11	62	---	---	60	2	---	88	---	---	54	28	6
10	26	---	---	24	2	---	95	---	---	29	61	5
9	95	---	---	47	48	---	70	---	---	43	25	2
8	32	---	---	21	10	1	36	---	---	30	6	---
7	54	---	---	31	22	1	57	---	---	31	26	---
6	16	---	---	7	9	---	20	---	---	7	13	---
5	6	---	---	---	5	1	3	---	---	---	3	---
4	1	---	---	---	1	---	7	---	---	---	6	1
3	493	---	---	---	493	---	33	---	---	---	29	4
2	298	---	---	---	279	19	26	---	---	---	25	1
1	1	---	---	---	1	---	---	---	---	---	---	---
										Total trips:		2,365

Trips and Drafts of Vessels, 2012
(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	1,768	1,321	82	142	120	103	1,795	1,337	75	145	160	78
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FOREIGN

Total	1,458	1,319	36	49	46	8	1,479	1,335	37	54	51	2
41	2	2	—	—	—	—	241	241	—	—	—	—
40	28	27	1	—	—	—	100	100	—	—	—	—
39	12	12	—	—	—	—	70	70	—	—	—	—
38	3	3	—	—	—	—	28	28	—	—	—	—
37	14	9	5	—	—	—	40	39	1	—	—	—
36	36	33	3	—	—	—	66	66	—	—	—	—
35	9	8	1	—	—	—	69	69	—	—	—	—
34	17	16	1	—	—	—	80	80	—	—	—	—
33	51	41	10	—	—	—	86	83	3	—	—	—
32	81	80	1	—	—	—	53	51	2	—	—	—
31	41	37	4	—	—	—	46	42	4	—	—	—
30	75	74	1	—	—	—	70	68	2	—	—	—
29	50	47	3	—	—	—	58	56	2	—	—	—
28	31	29	2	—	—	—	66	59	7	—	—	—
27	45	45	—	—	—	—	71	65	6	—	—	—
26	39	37	—	1	—	1	34	32	2	—	—	—
25	70	69	1	—	—	—	25	25	—	—	—	—
24	56	55	1	—	—	—	30	27	3	—	—	—
23	193	191	—	—	1	1	45	44	1	—	—	—
22	174	171	2	—	1	—	27	27	—	—	—	—
21	169	159	—	9	1	—	30	17	4	9	—	—
20	127	88	—	3	35	1	26	23	—	3	—	—
19	51	49	—	—	—	2	8	5	—	1	—	—
≤ 18	84	37	—	36	8	3	110	18	—	41	2	2

DOMESTIC

Total	310	2	46	93	74	95	316	2	38	91	109	76
40	2	—	2	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	6	—	6	—	—	—	1	—	1	—	—	—
35	5	—	5	—	—	—	2	—	2	—	—	—
34	4	—	4	—	—	—	—	—	—	—	—	—
33	7	—	7	—	—	—	2	—	2	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	3	—	3	—	—	—	—	—	—	—	—	—
30	4	—	4	—	—	—	2	—	2	—	—	—
29	2	—	1	—	—	1	—	—	—	—	—	—
28	6	—	1	—	—	5	—	—	—	—	—	—
27	11	—	—	—	—	11	2	—	—	—	—	2
26	4	—	—	—	—	4	3	—	3	—	—	—
25	7	—	—	—	—	7	1	—	—	—	—	1
24	21	—	—	—	—	21	2	—	—	—	—	2
23	6	—	2	—	—	4	1	—	—	—	—	1
22	1	—	—	—	—	1	18	—	16	—	—	2
21	2	—	—	—	—	2	1	—	1	—	—	—
20	4	—	—	—	—	4	1	—	—	—	—	1
19	2	—	—	—	—	2	2	—	—	—	—	2
≤ 18	205	2	3	93	74	33	278	2	11	91	109	65
Total trips:											3,563	

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY
Upbound

Downbound

Grand Total	42,796	34,223	82	4,491	3,350	650	54,696	46,271	75	4,244	3,405	701
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FOREIGN

Total	1,458	1,319	36	49	46	8	1,479	1,335	37	54	51	2
41	2	2	—	—	—	—	241	241	—	—	—	—
40	28	27	1	—	—	—	100	100	—	—	—	—
39	12	12	—	—	—	—	70	70	—	—	—	—
38	3	3	—	—	—	—	28	28	—	—	—	—
37	14	9	5	—	—	—	40	39	1	—	—	—

Trips and Drafts of Vessels, 2012
(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

36	36	33	3	—	—	—	66	66	—	—	—	—
35	9	8	1	—	—	—	69	69	—	—	—	—
34	17	16	1	—	—	—	80	80	—	—	—	—
33	51	41	10	—	—	—	86	83	3	—	—	—
32	81	80	1	—	—	—	53	51	2	—	—	—
31	41	37	4	—	—	—	46	42	4	—	—	—
30	75	74	1	—	—	—	70	68	2	—	—	—
29	50	47	3	—	—	—	58	56	2	—	—	—
28	31	29	2	—	—	—	66	59	7	—	—	—
27	45	45	—	—	—	—	71	65	6	—	—	—
26	39	37	—	1	—	—	34	32	2	—	—	—
25	70	69	1	—	—	—	25	25	—	—	—	—
24	56	55	1	—	—	—	30	27	3	—	—	—
23	193	191	—	—	1	1	45	44	1	—	—	—
22	174	171	2	—	1	—	27	27	—	—	—	—
21	169	159	—	9	1	—	30	17	4	9	—	—
20	127	88	—	3	35	1	26	23	—	3	—	—
19	51	49	—	—	—	2	8	5	—	1	2	—
18	16	14	—	2	—	—	3	3	—	—	—	—
17	28	7	—	20	—	1	22	3	—	19	—	—
16	17	5	—	4	7	1	10	2	—	7	1	—
15	11	2	—	8	1	—	15	2	—	10	3	—
14	4	2	—	1	—	1	3	—	—	2	—	1
13	—	—	—	—	—	—	2	1	—	—	1	—
12	4	3	—	1	—	—	8	3	—	3	2	—
11	3	3	—	—	—	—	4	4	—	—	—	—
9	—	—	—	—	—	—	1	—	—	—	1	—
7	1	1	—	—	—	—	1	—	—	—	—	1
6	—	—	—	—	—	—	7	—	—	—	7	—
4	—	—	—	—	—	—	34	—	—	—	34	—

DOMESTIC

Total	41,338	32,904	46	4,442	3,304	642	53,217	44,936	38	4,190	3,354	699
40	2	—	2	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	6	—	6	—	—	—	1	—	1	—	—	—
35	5	—	5	—	—	—	2	—	2	—	—	—
34	4	—	4	—	—	—	—	—	—	—	—	—
33	7	—	7	—	—	—	2	—	2	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	3	—	3	—	—	—	—	—	—	—	—	—
30	4	—	4	—	—	—	2	—	2	—	—	—
29	2	—	1	—	—	1	—	—	—	—	—	—
28	6	—	1	—	—	5	—	—	—	—	—	—
27	11	—	—	—	—	11	2	—	—	—	—	2
26	4	—	—	—	—	4	3	—	3	—	—	—
25	7	—	—	—	—	7	1	—	—	—	—	1
24	21	—	—	—	—	21	2	—	—	—	—	2
23	6	—	2	—	—	4	1	—	—	—	—	1
22	1	—	—	—	—	1	18	—	16	—	—	2
21	2	—	—	—	—	2	1	—	1	—	—	—
20	4	—	—	—	—	4	1	—	—	—	—	1
19	2	—	—	—	—	2	2	—	—	—	—	2
18	19	—	—	—	8	10	25	—	5	—	14	6
17	20	2	—	14	3	1	22	2	—	12	7	1
16	43	—	—	10	29	4	203	—	—	9	191	3
15	138	—	—	132	6	—	174	—	—	134	40	—
14	141	—	1	65	72	3	566	—	—	53	513	—
13	140	—	—	24	60	56	714	—	1	25	685	3
12	568	—	—	470	56	42	712	—	—	480	204	28
11	667	—	—	536	72	59	698	—	—	538	145	15
10	1,176	—	—	1,105	22	49	1,289	—	—	1,132	149	8
9	987	—	—	688	294	5	789	—	—	684	102	3
8	640	—	—	369	226	45	381	—	1	271	93	16
7	478	—	2	276	81	119	324	—	4	239	51	30
6	26,674	26,332	—	256	64	22	38,668	38,364	—	247	44	13
5	382	—	—	243	63	76	157	—	—	114	22	21
4	113	—	—	10	85	18	458	—	—	10	183	265
3	8,040	6,570	—	243	1,204	23	7,681	6,570	—	242	632	237
2	1,006	—	—	—	958	48	317	—	—	—	278	39
1	1	—	—	—	1	—	1	—	—	—	1	—

Total trips: 97,492

Trips and Drafts of Vessels, 2012
(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	18,992	7,891	83	6,609	3,574	835	18,879	7,907	77	6,614	3,593	688
FOREIGN												
Total	1,458	1,319	36	49	46	8	1,479	1,335	37	54	51	2
41	2	2	—	—	—	—	241	241	—	—	—	—
40	28	27	1	—	—	—	100	100	—	—	—	—
39	12	12	—	—	—	—	70	70	—	—	—	—
38	3	3	—	—	—	—	28	28	—	—	—	—
37	14	9	5	—	—	—	40	39	1	—	—	—
36	36	33	3	—	—	—	66	66	—	—	—	—
35	9	8	1	—	—	—	69	69	—	—	—	—
34	17	16	1	—	—	—	80	80	—	—	—	—
33	51	41	10	—	—	—	86	83	3	—	—	—
32	81	80	1	—	—	—	53	51	2	—	—	—
31	41	37	4	—	—	—	46	42	4	—	—	—
30	75	74	1	—	—	—	70	68	2	—	—	—
29	50	47	3	—	—	—	58	56	2	—	—	—
28	31	29	2	—	—	—	66	59	7	—	—	—
27	45	45	—	—	—	—	71	65	6	—	—	—
26	39	37	—	1	—	1	34	32	2	—	—	—
25	70	69	1	—	—	—	25	25	—	—	—	—
24	56	55	1	—	—	—	30	27	3	—	—	—
23	193	191	—	—	1	1	45	44	1	—	—	—
22	174	171	2	—	1	—	27	27	—	—	—	—
21	169	159	—	9	1	—	30	17	4	9	—	—
20	127	88	—	3	35	1	26	23	—	3	—	—
19	51	49	—	—	—	2	8	5	—	1	—	—
≤ 18	84	37	—	36	8	3	110	18	—	41	49	2
DOMESTIC												
Total	17,534	6,572	47	6,560	3,528	827	17,400	6,572	40	6,560	3,542	686
40	2	—	2	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	7	—	7	—	—	—	1	—	1	—	—	—
35	5	—	5	—	—	—	2	—	2	—	—	—
34	4	—	4	—	—	—	1	—	1	—	—	—
33	7	—	7	—	—	—	2	—	2	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	3	—	3	—	—	—	—	—	—	—	—	—
30	4	—	4	—	—	—	2	—	2	—	—	—
29	2	—	1	—	—	1	—	—	—	—	—	—
28	6	—	1	—	—	5	—	—	—	—	—	—
27	11	—	—	—	—	11	2	—	—	—	—	2
26	4	—	—	—	—	4	3	—	3	—	—	—
25	7	—	—	—	—	7	2	—	—	—	—	2
24	22	—	—	—	—	22	11	—	—	—	—	11
23	9	—	2	—	—	7	1	—	—	—	—	1
22	3	—	—	—	—	3	18	—	16	—	—	2
21	4	—	—	—	—	4	1	—	1	—	—	—
20	4	—	—	—	—	4	1	—	—	—	—	1
19	2	—	—	—	—	2	2	—	—	—	—	2
≤ 18	17,420	6,572	3	6,560	3,528	757	17,351	6,572	12	6,560	3,542	665
										Total trips:		37,871

Trips and Drafts of Vessels, 2012
(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 ASTORIA, OR

	Inbound						Outbound					
Grand Total	480	367	---	96	2	15	139	26	---	98	2	13

FOREIGN

Total	398	367	---	31	---	---	58	26	---	31	1	---
38	---	---	---	---	---	---	1	1	---	---	---	---
37	---	---	---	---	---	---	3	3	---	---	---	---
36	---	---	---	---	---	---	1	1	---	---	---	---
35	---	---	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	1	1	---	---	---	---
33	1	1	---	---	---	---	---	---	---	---	---	---
32	2	2	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	1	1	---	---	---	---
29	1	1	---	---	---	---	1	1	---	---	---	---
28	1	1	---	---	---	---	---	---	---	---	---	---
27	5	5	---	---	---	---	4	4	---	---	---	---
26	2	2	---	---	---	---	---	---	---	---	---	---
25	18	18	---	---	---	---	---	---	---	---	---	---
24	15	15	---	---	---	---	1	1	---	---	---	---
23	107	107	---	---	---	---	2	2	---	---	---	---
22	77	77	---	---	---	---	3	3	---	---	---	---
21	91	82	---	9	---	---	10	1	---	9	---	---
20	36	33	---	3	---	---	3	---	---	3	---	---
19	7	7	---	---	---	---	---	---	---	---	---	---
≤ 18	35	16	---	19	---	---	26	6	---	19	1	---

DOMESTIC

Total	82	---	---	65	2	15	81	---	---	67	1	13
≤ 18	82	---	---	65	2	15	81	---	---	67	1	13
										Total trips:		619

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

	Inbound						Outbound					
Grand Total	1,578	---	---	1,408	168	2	1,640	---	---	1,469	169	2

FOREIGN

Total	1	---	---	1	---	---	1	---	---	---	1	---
≤ 18	1	---	---	1	---	---	1	---	---	---	1	---

DOMESTIC

Total	1,577	---	---	1,407	168	2	1,639	---	---	1,469	168	2
24	---	---	---	---	---	---	1	---	---	---	1	---
≤ 18	1,577	---	---	1,407	168	2	1,638	---	---	1,469	168	1
										Total trips:		3,218

PORT OF LONGVIEW, WA

	Inbound						Outbound					
Grand Total	2,165	239	1	1,140	763	22	2,070	292	1	1,086	670	21

FOREIGN

Total	240	239	1	---	---	---	297	292	1	2	2	---
41	---	---	---	---	---	---	66	66	---	---	---	---
40	6	6	---	---	---	---	17	17	---	---	---	---
39	2	2	---	---	---	---	10	10	---	---	---	---
38	---	---	---	---	---	---	4	4	---	---	---	---
37	2	2	---	---	---	---	3	3	---	---	---	---
36	4	4	---	---	---	---	8	8	---	---	---	---
35	1	1	---	---	---	---	23	23	---	---	---	---
34	8	8	---	---	---	---	26	26	---	---	---	---
33	4	4	---	---	---	---	32	32	---	---	---	---
32	11	11	---	---	---	---	12	12	---	---	---	---

Trips and Drafts of Vessels, 2012
(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 - continued												
	Inbound						Outbound					
FOREIGN												
31	6	5	1	—	—	—	16	16	—	—	—	—
30	8	8	—	—	—	—	16	16	—	—	—	—
29	6	6	—	—	—	—	15	15	—	—	—	—
28	2	2	—	—	—	—	3	2	1	—	—	—
27	4	4	—	—	—	—	5	5	—	—	—	—
26	2	2	—	—	—	—	7	7	—	—	—	—
25	13	13	—	—	—	—	—	—	—	—	—	—
24	10	10	—	—	—	—	7	7	—	—	—	—
23	24	24	—	—	—	—	8	8	—	—	—	—
22	36	36	—	—	—	—	5	5	—	—	—	—
21	36	36	—	—	—	—	3	3	—	—	—	—
20	29	29	—	—	—	—	1	1	—	—	—	—
19	19	19	—	—	—	—	1	1	—	—	—	—
18	4	4	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	2	2	—	—	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
15	—	—	—	—	—	—	2	—	—	1	1	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	3	1	—	1	1	—
DOMESTIC												
Total	1,925	—	—	1,140	763	22	1,773	—	—	1,084	668	21
18	—	—	—	—	—	—	5	—	—	—	5	—
17	3	—	—	2	1	—	5	—	—	4	1	—
16	13	—	—	—	13	—	23	—	—	1	22	—
15	47	—	—	44	3	—	35	—	—	30	5	—
14	56	—	—	6	50	—	13	—	—	13	—	—
13	132	—	—	10	122	—	11	—	—	11	—	—
≤ 12	1,674	—	—	1,078	574	22	1,681	—	—	1,025	635	21
										Total trips:		4,235

PORT OF KALAMA, 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	924	61	6	518	322	17	982	208	5	498	254	17
FOREIGN												
Total	67	61	6	—	—	—	213	208	5	—	—	—
41	—	—	—	—	—	—	91	91	—	—	—	—
40	1	—	1	—	—	—	27	27	—	—	—	—
39	—	—	—	—	—	—	4	4	—	—	—	—
38	1	1	—	—	—	—	7	7	—	—	—	—
37	1	1	—	—	—	—	8	8	—	—	—	—
36	—	—	—	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	9	9	—	—	—	—
34	1	1	—	—	—	—	13	13	—	—	—	—
33	4	2	2	—	—	—	10	9	1	—	—	—
32	3	2	1	—	—	—	4	4	—	—	—	—
31	1	—	1	—	—	—	3	2	1	—	—	—
30	8	8	—	—	—	—	5	5	—	—	—	—
29	3	3	—	—	—	—	1	1	—	—	—	—
28	3	2	1	—	—	—	2	1	1	—	—	—
27	4	4	—	—	—	—	3	3	—	—	—	—
26	2	2	—	—	—	—	3	2	1	—	—	—
25	1	1	—	—	—	—	3	3	—	—	—	—
24	3	3	—	—	—	—	3	2	1	—	—	—
23	11	11	—	—	—	—	3	3	—	—	—	—
22	10	10	—	—	—	—	3	3	—	—	—	—
21	4	4	—	—	—	—	5	5	—	—	—	—
20	4	4	—	—	—	—	3	3	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	857	—	—	518	322	17	769	—	—	498	254	17
≤ 18	857	—	—	518	322	17	769	—	—	498	254	17
										Total trips:		1,906

Trips and Drafts of Vessels, 2012
(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

MULTNOMAH CHANNEL, OR

	Upbound						Downbound					
Grand Total	865	---	---	386	479	---	865	---	---	386	479	---
DOMESTIC												
Total	865	---	---	386	479	---	865	---	---	386	479	---
11	16	---	---	---	16	---	---	---	---	---	---	---
9	40	---	---	---	40	---	168	---	---	---	168	---
8	217	---	---	166	51	---	340	---	---	180	160	---
7	72	---	---	72	---	---	81	---	---	42	39	---
6	15	---	---	13	2	---	19	---	---	14	5	---
5	223	---	---	108	115	---	150	---	---	150	---	---
4	152	---	---	27	125	---	75	---	---	---	75	---
3	116	---	---	---	116	---	16	---	---	---	16	---
2	14	---	---	---	14	---	16	---	---	---	16	---
										Total trips:		1,730

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

	Upbound						Downbound					
Grand Total	907	223	---	504	178	2	978	228	---	490	257	3
FOREIGN												
Total	223	223	---	---	---	---	228	228	---	---	---	---
41	1	1	---	---	---	---	21	21	---	---	---	---
40	15	15	---	---	---	---	16	16	---	---	---	---
39	6	6	---	---	---	---	2	2	---	---	---	---
37	6	6	---	---	---	---	3	3	---	---	---	---
36	28	28	---	---	---	---	23	23	---	---	---	---
35	4	4	---	---	---	---	2	2	---	---	---	---
34	2	2	---	---	---	---	1	1	---	---	---	---
33	17	17	---	---	---	---	1	1	---	---	---	---
32	50	50	---	---	---	---	1	1	---	---	---	---
31	7	7	---	---	---	---	7	7	---	---	---	---
30	21	21	---	---	---	---	25	25	---	---	---	---
29	14	14	---	---	---	---	6	6	---	---	---	---
28	11	11	---	---	---	---	38	38	---	---	---	---
27	15	15	---	---	---	---	21	21	---	---	---	---
26	12	12	---	---	---	---	8	8	---	---	---	---
25	9	9	---	---	---	---	13	13	---	---	---	---
24	1	1	---	---	---	---	5	5	---	---	---	---
23	2	2	---	---	---	---	18	18	---	---	---	---
22	1	1	---	---	---	---	7	7	---	---	---	---
20	---	---	---	---	---	---	7	7	---	---	---	---
19	---	---	---	---	---	---	2	2	---	---	---	---
11	1	1	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
Total	684	---	---	504	178	2	750	---	---	490	257	3
18	1	---	---	1	---	---	---	---	---	---	---	---
17	5	---	---	5	---	---	13	---	---	13	---	---
16	1	---	---	1	---	---	---	---	---	---	---	---
15	18	---	---	18	---	---	16	---	---	16	---	---
14	11	---	---	11	---	---	7	---	---	7	---	---
13	28	---	---	3	25	---	4	---	---	4	---	---
12	74	---	---	73	1	---	85	---	---	75	9	1
11	41	---	---	38	2	1	37	---	---	37	---	---

Trips and Drafts of Vessels, 2012
(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

DOMESTIC

10	147	—	—	139	8	—	140	—	—	140	—	—
9	154	—	—	127	27	—	173	—	—	123	50	—
8	29	—	—	28	1	—	18	—	—	18	—	—
7	35	—	—	23	12	—	18	—	—	18	—	—
6	23	—	—	12	11	—	12	—	—	12	—	—
5	15	—	—	—	15	—	—	—	—	—	—	—
4	33	—	—	2	30	1	12	—	—	2	10	—
3	46	—	—	23	23	—	150	—	—	25	124	1
2	23	—	—	—	23	—	64	—	—	—	63	1
1	—	—	—	—	—	—	1	—	—	—	1	—
Total trips:											1,885	

PORT OF VANCOUVER, WA

Inbound

Outbound

Grand Total	1,896	282	21	1,247	307	39	1,729	205	22	1,185	258	59
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FOREIGN

Total	308	280	20	1	7	—	235	203	21	4	7	—
41	1	1	—	—	—	—	21	21	—	—	—	—
40	6	6	—	—	—	—	11	11	—	—	—	—
39	4	4	—	—	—	—	10	10	—	—	—	—
38	2	2	—	—	—	—	7	7	—	—	—	—
37	4	—	4	—	—	—	6	5	1	—	—	—
36	3	—	3	—	—	—	8	8	—	—	—	—
35	3	2	1	—	—	—	5	5	—	—	—	—
34	4	3	1	—	—	—	15	15	—	—	—	—
33	9	3	6	—	—	—	17	15	2	—	—	—
32	9	9	—	—	—	—	14	13	1	—	—	—
31	19	19	—	—	—	—	12	9	3	—	—	—
30	15	14	1	—	—	—	12	11	1	—	—	—
29	18	16	2	—	—	—	20	18	2	—	—	—
28	7	7	—	—	—	—	13	9	4	—	—	—
27	12	12	—	—	—	—	23	20	3	—	—	—
26	10	10	—	—	—	—	6	6	—	—	—	—
25	19	18	1	—	—	—	1	1	—	—	—	—
24	16	15	1	—	—	—	6	4	2	—	—	—
23	27	27	—	—	—	—	6	5	1	—	—	—
22	34	34	—	—	—	—	2	2	—	—	—	—
21	30	30	—	—	—	—	5	4	1	—	—	—
20	19	19	—	—	—	—	3	3	—	—	—	—
19	22	22	—	—	—	—	—	—	—	—	—	—
≤ 18	15	7	—	1	7	—	12	1	—	4	7	—

DOMESTIC

Total	1,588	2	1	1,246	300	39	1,494	2	1	1,181	251	59
35	1	—	1	—	—	—	1	—	1	—	—	—
≤ 18	1,587	2	—	1,246	300	39	1,493	2	—	1,181	251	59
Total trips:											3,625	

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR

Upbound

Downbound

Grand Total	3,656	—	1	797	2,392	466	3,912	—	—	747	2,666	499
--------------------	-------	---	---	-----	-------	-----	-------	---	---	-----	-------	-----

DOMESTIC

Total	3,656	—	1	797	2,392	466	3,912	—	—	747	2,666	499
17	—	—	—	—	—	—	6	—	—	—	6	—
16	1	—	—	—	1	—	167	—	—	—	167	—
15	—	—	—	—	—	—	38	—	—	—	38	—
14	54	—	1	—	53	—	511	—	—	—	511	—
13	108	—	—	—	53	55	687	—	—	—	684	3
12	66	—	—	—	34	32	215	—	—	—	205	10

Trips and Drafts of Vessels, 2012
(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 - continued

DOMESTIC

	Upbound						Downbound					
11	170	—	—	77	44	49	172	—	—	73	93	6
10	163	—	—	107	9	47	265	—	—	110	149	6
9	250	—	—	102	143	5	206	—	—	102	102	2
8	306	—	—	182	83	41	275	—	—	183	89	3
7	256	—	—	102	35	119	181	—	—	103	48	30
≤ 6	2,282	—	—	227	1,937	118	1,189	—	—	176	574	439
										Total trips:		7,568

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

	Upbound						Downbound					
Grand Total	2,694	—	1	324	1,904	465	3,022	—	—	334	2,158	530

DOMESTIC

Total	2,694	—	1	324	1,904	465	3,022	—	—	334	2,158	530
17	—	—	—	—	—	—	6	—	—	—	6	—
16	1	—	—	—	1	—	166	—	—	—	166	—
15	—	—	—	—	—	—	38	—	—	—	38	—
14	42	—	1	—	41	—	479	—	—	—	479	—
13	106	—	—	—	51	55	635	—	—	—	632	3
12	65	—	—	—	33	32	191	—	—	—	181	10
11	144	—	—	77	18	49	135	—	—	73	56	6
10	135	—	—	79	9	47	213	—	—	85	122	6
9	155	—	—	67	83	5	149	—	—	60	87	2
8	105	—	—	54	10	41	111	—	—	70	38	3
7	176	—	—	31	26	119	105	—	—	31	44	30
6	40	—	—	15	9	16	52	—	—	14	34	4
5	73	—	—	1	5	67	18	—	—	1	15	2
4	30	—	—	—	25	5	261	—	—	—	32	229
3	884	—	—	—	878	6	405	—	—	—	180	225
2	737	—	—	—	714	23	58	—	—	—	48	10
1	1	—	—	—	1	—	—	—	—	—	—	—
										Total trips:		5,716

PORT OF PORTLAND, OR

	Inbound						Outbound					
Grand Total	7,508	372	55	4,616	1,805	660	7,707	606	48	4,687	1,767	599

FOREIGN

Total	443	372	9	16	38	8	668	606	10	13	37	2
41	1	1	—	—	—	—	63	63	—	—	—	—
40	15	15	—	—	—	—	45	45	—	—	—	—
39	6	6	—	—	—	—	46	46	—	—	—	—
38	—	—	—	—	—	—	9	9	—	—	—	—
37	7	6	1	—	—	—	20	20	—	—	—	—
36	29	29	—	—	—	—	47	47	—	—	—	—
35	5	5	—	—	—	—	31	31	—	—	—	—
34	4	4	—	—	—	—	25	25	—	—	—	—
33	33	31	2	—	—	—	27	27	—	—	—	—
32	56	56	—	—	—	—	23	22	1	—	—	—
31	15	13	2	—	—	—	15	15	—	—	—	—
30	44	44	—	—	—	—	36	35	1	—	—	—
29	22	21	1	—	—	—	21	21	—	—	—	—
28	18	17	1	—	—	—	48	47	1	—	—	—
27	20	20	—	—	—	—	36	33	3	—	—	—
26	23	21	—	1	—	1	18	17	1	—	—	—
25	19	19	—	—	—	—	21	21	—	—	—	—
24	12	12	—	—	—	—	13	13	—	—	—	—
23	24	22	—	—	1	1	26	26	—	—	—	—
22	17	14	2	—	1	—	14	14	—	—	—	—
21	8	7	—	—	1	—	7	4	3	—	—	—
20	39	3	—	—	35	1	16	16	—	—	—	—
19	2	—	—	—	—	2	7	4	—	1	2	—
≤ 18	24	6	—	15	—	3	54	5	—	12	35	2

Trips and Drafts of Vessels, 2012
(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					
DOMESTIC												
Total	7,065	---	46	4,600	1,767	652	7,039	---	38	4,674	1,730	597
38	5	---	5	---	---	---	---	---	---	---	---	---
37	4	---	4	---	---	---	---	---	---	---	---	---
36	7	---	7	---	---	---	1	---	1	---	---	---
35	4	---	4	---	---	---	1	---	1	---	---	---
34	5	---	5	---	---	---	---	---	---	---	---	---
33	7	---	7	---	---	---	2	---	2	---	---	---
32	1	---	1	---	---	---	---	---	---	---	---	---
31	3	---	3	---	---	---	---	---	---	---	---	---
30	4	---	4	---	---	---	2	---	2	---	---	---
29	2	---	1	---	---	1	---	---	---	---	---	---
28	6	---	1	---	---	5	---	---	---	---	---	---
27	11	---	---	---	---	11	2	---	---	---	---	2
26	4	---	---	---	---	4	3	---	3	---	---	---
25	9	---	---	---	---	9	1	---	---	---	---	1
24	26	---	---	---	---	26	6	---	---	---	---	6
23	7	---	2	---	---	5	2	---	---	---	---	2
22	2	---	---	---	---	2	20	---	17	---	---	3
21	3	---	---	---	---	3	2	---	1	---	---	1
20	4	---	---	---	---	4	1	---	---	---	---	1
19	2	---	---	---	---	2	2	---	---	---	---	2
≤ 18	6,949	---	2	4,600	1,767	580	6,994	---	11	4,674	1,730	579
										Total trips:		15,215

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR												
	Upbound						Downbound					
DOMESTIC												
Grand Total	1,465	---	---	903	562	---	1,480	---	---	904	576	---
Total	1,465	---	---	903	562	---	1,480	---	---	904	576	---
14	10	---	---	---	10	---	---	---	---	---	---	---
13	56	---	---	---	56	---	---	---	---	---	---	---
12	29	---	---	---	29	---	---	---	---	---	---	---
11	11	---	---	---	11	---	3	---	---	---	3	---
10	---	---	---	---	---	---	59	---	---	---	59	---
9	---	---	---	---	---	---	27	---	---	---	27	---
8	16	---	---	16	---	---	15	---	---	15	---	---
7	450	---	---	443	7	---	508	---	---	443	65	---
6	442	---	---	442	---	---	628	---	---	444	184	---
5	2	---	---	2	---	---	30	---	---	2	28	---
4	99	---	---	---	99	---	47	---	---	---	47	---
3	---	---	---	---	---	---	83	---	---	---	83	---
2	350	---	---	---	350	---	80	---	---	---	80	---
										Total trips:		2,945

COOS BAY, OR												
	Inbound						Outbound					
FOREIGN												
Grand Total	318	51	---	212	54	1	325	51	---	215	57	2
Total	54	51	---	1	2	---	59	51	---	4	4	---
38	---	---	---	---	---	---	1	---	---	---	---	---
37	---	---	---	---	---	---	7	---	---	---	---	---
36	---	---	---	---	---	---	9	---	---	---	---	---
35	---	---	---	---	---	---	9	---	---	---	---	---
34	---	---	---	---	---	---	8	---	---	---	---	---
33	---	---	---	---	---	---	6	---	---	---	---	---
32	---	---	---	---	---	---	2	---	---	---	---	---

Trips and Drafts of Vessels, 2012
(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												
31	1	1	—	—	—	—	1	1	—	—	—	—
30	3	3	—	—	—	—	1	1	—	—	—	—
29	3	3	—	—	—	—	1	1	—	—	—	—
28	3	3	—	—	—	—	1	1	—	—	—	—
27	4	4	—	—	—	—	1	1	—	—	—	—
26	3	3	—	—	—	—	1	1	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
24	5	5	—	—	—	—	—	—	—	—	—	—
23	6	6	—	—	—	—	1	1	—	—	—	—
22	3	3	—	—	—	—	—	—	—	—	—	—
21	5	5	—	—	—	—	—	—	—	—	—	—
20	7	7	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
14	1	—	—	—	1	—	3	—	—	—	3	—
13	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	3	1	—	1	1	—	7	2	—	4	1	—
DOMESTIC												
Total	264	—	—	211	52	1	266	—	—	211	53	2
17	1	—	—	1	—	—	—	—	—	—	—	—
16	2	—	—	2	—	—	2	—	—	2	—	—
15	1	—	—	1	—	—	2	—	—	2	—	—
14	5	—	—	5	—	—	12	—	—	5	7	—
13	5	—	—	5	—	—	9	—	—	5	4	—
≤ 12	250	—	—	197	52	1	241	—	—	197	42	2
Total trips:											643	

COLUMBIA RIVER SYSTEM

	Upbound						Downbound					
Grand Total	19,459	7,891	83	6,750	4,019	716	19,446	7,907	77	6,755	3,997	710
FOREIGN												
Total	1,458	1,319	36	49	46	8	1,479	1,335	37	54	51	2
41	2	2	—	—	—	—	241	241	—	—	—	—
40	28	27	1	—	—	—	100	100	—	—	—	—
39	12	12	—	—	—	—	70	70	—	—	—	—
38	3	3	—	—	—	—	28	28	—	—	—	—
37	14	9	5	—	—	—	40	39	1	—	—	—
36	36	33	3	—	—	—	66	66	—	—	—	—
35	9	8	1	—	—	—	69	69	—	—	—	—
34	17	16	1	—	—	—	80	80	—	—	—	—
33	51	41	10	—	—	—	86	83	3	—	—	—
32	81	80	1	—	—	—	53	51	2	—	—	—
31	41	37	4	—	—	—	46	42	4	—	—	—
30	75	74	1	—	—	—	70	68	2	—	—	—
29	50	47	3	—	—	—	58	56	2	—	—	—
28	31	29	2	—	—	—	66	59	7	—	—	—
27	45	45	—	—	—	—	71	65	6	—	—	—
26	39	37	—	1	—	—	34	32	2	—	—	—
25	70	69	1	—	—	—	25	25	—	—	—	—
24	56	55	1	—	—	—	30	27	3	—	—	—
23	193	191	—	—	1	1	45	44	1	—	—	—
22	174	171	2	—	1	—	27	27	—	—	—	—
21	169	159	—	9	1	—	30	17	4	9	—	—
20	127	88	—	3	35	1	26	23	—	3	—	—
19	51	49	—	—	—	2	8	5	—	1	2	—
18	16	14	—	2	—	—	3	3	—	—	—	—
17	28	7	—	20	—	1	22	3	—	19	—	—
16	17	5	—	4	7	1	10	2	—	7	1	—
15	11	2	—	8	1	—	15	2	—	10	3	—
14	4	2	—	1	—	1	3	—	—	2	—	1
13	—	—	—	—	—	—	2	1	—	—	1	—
12	4	3	—	1	—	—	8	3	—	3	2	—
11	3	3	—	—	—	—	4	4	—	—	—	—
9	—	—	—	—	—	—	1	—	—	—	1	—
7	1	1	—	—	—	—	1	—	—	—	—	1
6	—	—	—	—	—	—	7	—	—	—	7	—
4	—	—	—	—	—	—	34	—	—	—	34	—

Trips and Drafts of Vessels, 2012
(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					
DOMESTIC												
Total	18,001	6,572	47	6,701	3,973	708	17,967	6,572	40	6,701	3,946	708
40	2	—	2	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	7	—	7	—	—	—	1	—	1	—	—	—
35	5	—	5	—	—	—	2	—	2	—	—	—
34	4	—	4	—	—	—	1	—	1	—	—	—
33	7	—	7	—	—	—	2	—	2	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	3	—	3	—	—	—	—	—	—	—	—	—
30	4	—	4	—	—	—	2	—	2	—	—	—
29	2	—	1	—	—	1	—	—	—	—	—	—
28	6	—	1	—	—	5	—	—	—	—	—	—
27	11	—	—	—	—	11	2	—	—	—	—	2
26	4	—	—	—	—	4	3	—	3	—	—	—
25	8	—	—	—	—	8	2	—	—	—	—	2
24	22	—	—	—	—	22	11	—	—	—	—	11
23	8	—	2	—	—	6	1	—	—	—	—	1
22	3	—	—	—	—	3	19	—	17	—	—	2
21	4	—	—	—	—	4	1	—	1	—	—	—
20	4	—	—	—	—	4	1	—	—	—	—	1
19	2	—	—	—	—	2	2	—	—	—	—	2
18	23	—	—	1	8	14	2,009	—	6	1,983	14	6
17	17	2	—	8	5	2	18	2	—	10	5	1
16	134	—	—	10	120	4	112	—	—	9	100	3
15	274	—	—	248	26	—	129	—	—	108	21	—
14	426	—	1	74	348	3	286	—	—	50	236	—
13	513	—	—	24	430	59	341	—	1	25	315	—
12	944	—	—	739	144	61	550	—	—	419	117	14
11	1,243	—	—	1,065	113	65	583	—	—	463	107	13
10	122	—	—	4	62	56	1,137	—	—	975	161	1
9	1,743	—	—	1,411	323	9	685	—	—	584	101	—
8	853	—	—	575	227	51	364	—	—	260	92	12
7	1,206	—	2	952	103	149	1,226	—	4	686	94	442
6	819	—	—	730	78	11	891	—	—	667	214	10
5	465	—	—	311	76	78	266	—	—	210	35	21
4	398	—	—	64	334	—	242	—	—	44	127	71
3	8,511	6,570	—	485	1,456	—	7,590	6,570	—	208	737	75
2	195	—	—	—	119	76	256	—	—	—	238	18
1	1	—	—	—	1	—	1,232	—	—	—	1,232	—
										Total trips:		38,905

ALSEA BAY AND RIVER, OR
No Vessel Trips Reported

CHETCO RIVER, OR
(3 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
Total	13	—	—	—	13	—	13	—	—	—	13	—
										Total trips:		26

CHINOOK CHANNEL, WA
No Vessel Trips Reported

CLATSKANIE RIVER, OR
No Vessel Trips Reported

Trips and Drafts of Vessels, 2012
(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 AT BAKERS BAY, WA
(3 feet and less)

	Upbound						Downbound					
Grand Total	84	---	---	---	84	---	84	---	---	---	84	---
											Total trips:	168

COLUMBIA SLOUGH, OR
No Vessel Trips Reported

COOS AND MILLICOMA RIVERS, OR
No Vessel Trips Reported

COQUILLE RIVER, OR
No Vessel Trips Reported

COWLITZ RIVER, WA
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 ST. HELENS, OR
No Vessel Trips Reported

PORT ORFORD, OR
No Vessel Trips Reported

ROGUE RIVER, OR
No Vessel Trips Reported

SIUSLAW RIVER, OR
No Vessel Trips Reported

SKAMOKAWA (STEAMBOAT) SLOUGH, WA
No Vessel Trips Reported

SKAMOKAWA CREEK, WA
No Vessel Trips Reported

Trips and Drafts of Vessels, 2012
(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
SKIPANON CHANNEL, OR (15 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
SMITH RIVER, OR No Vessel Trips Reported												
TILLAMOOK BAY AND BAR, OR No Vessel Trips Reported												
UMPQUA RIVER, OR No Vessel Trips Reported												
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 (22 feet and less)												
				Upbound						Downbound		
Grand Total	9	8	—	1	—	—	7	6	—	1	—	—
										Total trips:		16
YAQUINA RIVER, OR No Vessel Trips Reported												
YOUNGS BAY AND YOUNGS RIVER, OR No Vessel Trips Reported												

Trips and Drafts of Vessels, 2012
(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	180	104	3	37	36	---	171	103	3	33	32	---
FOREIGN												
Total	116	104	3	4	5	---	118	103	3	6	6	---
39	---	---	---	---	---	---	13	13	---	---	---	---
38	---	---	---	---	---	---	3	3	---	---	---	---
37	1	1	---	---	---	---	7	7	---	---	---	---
36	1	1	---	---	---	---	3	3	---	---	---	---
35	2	---	2	---	---	---	4	4	---	---	---	---
34	---	---	---	---	---	---	5	5	---	---	---	---
33	---	---	---	---	---	---	2	2	---	---	---	---
32	---	---	---	---	---	---	2	2	---	---	---	---
31	2	2	---	---	---	---	2	2	---	---	---	---
30	2	2	---	---	---	---	6	6	---	---	---	---
29	2	1	1	---	---	---	3	3	---	---	---	---
28	4	4	---	---	---	---	8	8	---	---	---	---
27	13	13	---	---	---	---	14	11	3	---	---	---
26	5	5	---	---	---	---	3	3	---	---	---	---
25	9	9	---	---	---	---	4	4	---	---	---	---
24	9	9	---	---	---	---	1	1	---	---	---	---
23	10	10	---	---	---	---	3	3	---	---	---	---
22	10	10	---	---	---	---	---	---	---	---	---	---
21	4	4	---	---	---	---	1	1	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
19	5	5	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	5	---	---	---	5	---
13	7	7	---	---	---	---	3	3	---	---	---	---
≤ 12	29	20	---	4	5	---	26	19	---	6	1	---
DOMESTIC												
Total	64	---	---	33	31	---	53	---	---	27	26	---
16	3	---	---	3	---	---	1	---	---	1	---	---
15	7	---	---	7	---	---	7	---	---	7	---	---
14	3	---	---	3	---	---	6	---	---	2	4	---
13	3	---	---	3	---	---	4	---	---	3	1	---
≤ 12	48	---	---	17	31	---	35	---	---	14	21	---
											Total trips:	351

PORT ANGELES HARBOR, WA

Inbound

Outbound

Grand Total	706	39	11	577	5	74	714	35	13	577	8	81
FOREIGN												
Total	88	39	4	26	5	14	93	35	5	25	7	21
44	---	---	---	---	---	---	1	1	---	---	---	---
42	---	---	---	---	---	---	2	2	---	---	---	---
40	---	---	---	---	---	---	1	1	---	---	---	---
39	---	---	---	---	---	---	1	1	---	---	---	---
37	---	---	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	3	3	---	---	---	---
33	---	---	---	---	---	---	4	4	---	---	---	---
32	2	2	---	---	---	---	5	4	1	---	---	---
30	1	---	1	---	---	---	1	---	1	---	---	---
29	2	2	---	---	---	---	1	1	---	---	---	---
28	1	1	---	---	---	---	3	1	2	---	---	---
27	4	2	2	---	---	---	3	2	1	---	---	---
26	1	---	1	---	---	---	---	---	---	---	---	---
25	2	2	---	---	---	---	1	1	---	---	---	---
24	4	2	---	---	---	2	4	2	---	---	---	2
23	3	3	---	---	---	---	---	---	---	---	---	---
22	4	1	---	2	---	1	1	---	---	1	---	---
20	2	2	---	---	---	---	---	---	---	---	---	---
19	2	2	---	---	---	---	1	---	---	---	---	1
≤ 18	60	20	---	24	5	11	60	11	---	24	7	18

Trips and Drafts of Vessels, 2012
(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					
DOMESTIC												
Total	618	---	7	551	---	60	621	---	8	552	1	60
20	---	---	---	---	---	---	1	---	---	---	---	1
19	272	---	---	272	---	---	271	---	---	271	---	---
≤ 18	346	---	7	279	---	60	349	---	8	281	1	59
										Total trips:		1,420
HAMMERSLEY INLET, WA												
	Upbound						Downbound					
Grand Total	284	---	---	177	101	6	295	---	---	179	110	6
DOMESTIC												
Total	284	---	---	177	101	6	295	---	---	179	110	6
13	25	---	---	24	1	---	80	---	---	23	51	6
12	1	---	---	---	1	---	12	---	---	---	12	---
10	104	---	---	101	3	---	145	---	---	103	42	---
9	6	---	---	6	---	---	6	---	---	6	---	---
8	38	---	---	38	---	---	40	---	---	40	---	---
7	---	---	---	---	---	---	1	---	---	---	1	---
≤ 6	110	---	---	8	96	6	11	---	---	7	4	---
										Total trips:		579
OLYMPIA HARBOR, WA												
	Inbound						Outbound					
Grand Total	212	24	---	167	21	---	188	22	---	155	11	---
FOREIGN												
Total	54	24	---	15	15	---	31	22	---	3	6	---
38	---	---	---	---	---	---	1	1	---	---	---	---
35	---	---	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	3	3	---	---	---	---
33	1	1	---	---	---	---	3	3	---	---	---	---
32	1	1	---	---	---	---	1	1	---	---	---	---
31	---	---	---	---	---	---	2	2	---	---	---	---
29	2	2	---	---	---	---	1	1	---	---	---	---
27	1	1	---	---	---	---	1	1	---	---	---	---
26	---	---	---	---	---	---	1	1	---	---	---	---
25	7	7	---	---	---	---	4	4	---	---	---	---
24	1	1	---	---	---	---	1	1	---	---	---	---
23	---	---	---	---	---	---	2	2	---	---	---	---
22	4	4	---	---	---	---	---	---	---	---	---	---
21	3	3	---	---	---	---	---	---	---	---	---	---
20	1	1	---	---	---	---	1	1	---	---	---	---
19	3	3	---	---	---	---	---	---	---	---	---	---
≤ 18	30	---	---	15	15	---	9	---	---	3	6	---
										Total trips:		400
DOMESTIC												
Total	158	---	---	152	6	---	157	---	---	152	5	---
≤ 18	158	---	---	152	6	---	157	---	---	152	5	---

Trips and Drafts of Vessels, 2012
(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

Grand Total	Inbound						Outbound					
	24,557	19,111	39	4,197	490	720	24,732	19,328	28	4,185	459	732

FOREIGN

Total	1,280	741	6	245	204	84	1,244	708	6	242	198	90
47	—	—	—	—	—	—	1	1	—	—	—	—
46	—	—	—	—	—	—	8	8	—	—	—	—
45	—	—	—	—	—	—	13	13	—	—	—	—
44	1	1	—	—	—	—	12	12	—	—	—	—
43	15	15	—	—	—	—	26	26	—	—	—	—
42	15	15	—	—	—	—	44	44	—	—	—	—
41	30	30	—	—	—	—	36	36	—	—	—	—
40	19	19	—	—	—	—	29	29	—	—	—	—
39	20	20	—	—	—	—	27	27	—	—	—	—
38	42	42	—	—	—	—	29	29	—	—	—	—
37	15	15	—	—	—	—	19	19	—	—	—	—
36	36	36	—	—	—	—	44	44	—	—	—	—
35	78	78	—	—	—	—	44	44	—	—	—	—
34	15	15	—	—	—	—	24	24	—	—	—	—
33	20	20	—	—	—	—	17	17	—	—	—	—
32	152	152	—	—	—	—	7	7	—	—	—	—
31	8	8	—	—	—	—	4	4	—	—	—	—
30	13	12	1	—	—	—	159	158	1	—	—	—
29	20	20	—	—	—	—	9	9	—	—	—	—
28	27	27	—	—	—	—	24	24	—	—	—	—
27	37	37	—	—	—	—	29	28	—	—	—	1
26	47	47	—	—	—	—	53	51	1	1	—	—
25	12	9	2	1	—	—	24	23	1	—	—	—
24	16	15	—	—	—	1	9	9	—	—	—	—
23	41	34	—	—	—	7	9	9	—	—	—	—
22	48	43	—	—	—	5	7	6	1	—	—	—
21	18	12	2	1	—	3	7	2	2	2	—	1
20	4	4	—	—	—	—	—	—	—	—	—	—
19	11	9	1	—	—	1	2	1	—	—	—	1
18	37	1	—	—	—	36	10	—	—	—	—	10
17	4	—	—	2	—	2	1	—	—	1	—	—
16	28	1	—	—	26	1	9	—	—	—	1	8
15	48	—	—	33	14	1	38	—	—	30	—	8
14	94	—	—	31	51	12	125	—	—	33	75	17
13	3	—	—	2	—	1	3	—	—	1	—	2
≤ 12	306	4	—	175	113	14	342	4	—	174	122	42

DOMESTIC

Total	23,277	18,370	33	3,952	286	636	23,488	18,620	22	3,943	261	642
47	16	—	16	—	—	—	—	—	—	—	—	—
45	2	—	2	—	—	—	—	—	—	—	—	—
31	8	—	8	—	—	—	15	—	15	—	—	—
30	—	—	—	—	—	—	1	—	—	—	—	1
29	1	—	—	—	—	1	—	—	—	—	—	—
27	—	—	—	—	—	—	1	—	—	—	—	1
26	3	—	—	—	—	3	14	—	—	—	—	14
25	98	98	—	—	—	—	101	100	—	—	—	1
24	6	—	—	—	—	6	19	—	—	—	—	19
23	2	—	—	—	—	2	1	—	—	—	—	1
22	3	—	—	—	—	3	1	—	—	—	—	1
21	1	—	—	—	—	1	1	—	—	—	—	1
20	1	—	—	—	—	1	—	—	—	—	—	—
19	123	—	—	122	—	1	122	—	—	122	—	—
18	6	—	—	—	—	6	4	—	—	—	—	4
17	105	64	—	39	—	2	113	68	—	43	—	2
16	81	75	—	—	—	6	80	78	—	—	—	2
15	343	—	—	321	2	20	333	—	—	321	—	12
14	15,304	14,954	—	336	1	13	18,718	18,370	—	335	—	13
13	3,241	3,173	—	22	3	43	39	—	—	23	—	16
≤ 12	3,933	6	7	3,112	280	528	3,925	4	7	3,099	261	554
										Total trips:		49,289

Trips and Drafts of Vessels, 2012
(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												
Grand Total	55,891	50,561	55	3,205	1,494	576	55,944	50,621	57	3,209	1,489	568
	Inbound						Outbound					
FOREIGN												
Total	1,697	909	12	414	331	31	1,722	963	12	399	316	32
46	—	—	—	—	—	—	1	1	—	—	—	—
44	2	2	—	—	—	—	—	—	—	—	—	—
43	34	34	—	—	—	—	44	44	—	—	—	—
42	4	4	—	—	—	—	19	19	—	—	—	—
41	15	15	—	—	—	—	19	19	—	—	—	—
40	8	8	—	—	—	—	15	15	—	—	—	—
39	8	8	—	—	—	—	32	32	—	—	—	—
38	20	20	—	—	—	—	30	30	—	—	—	—
37	31	31	—	—	—	—	33	33	—	—	—	—
36	3	3	—	—	—	—	13	13	—	—	—	—
35	12	12	—	—	—	—	47	47	—	—	—	—
34	8	8	—	—	—	—	3	3	—	—	—	—
33	16	16	—	—	—	—	—	—	—	—	—	—
32	431	426	5	—	—	—	1	1	—	—	—	—
31	15	15	—	—	—	—	4	4	—	—	—	—
30	18	18	—	—	—	—	429	424	5	—	—	—
29	29	29	—	—	—	—	23	23	—	—	—	—
28	49	48	1	—	—	—	44	44	—	—	—	—
27	83	81	2	—	—	—	88	87	1	—	—	—
26	18	18	—	—	—	—	27	26	—	1	—	—
25	9	8	1	—	—	—	10	10	—	—	—	—
24	18	16	2	—	—	—	22	21	1	—	—	—
23	19	19	—	—	—	—	6	4	2	—	—	—
22	92	45	—	—	47	—	25	23	2	—	—	—
21	7	3	1	2	—	1	2	1	1	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	1	—	—	—	1	—	11	11	—	—	—	—
≤ 18	747	22	—	412	283	30	772	26	—	398	316	32
DOMESTIC												
Total	54,194	49,652	43	2,791	1,163	545	54,222	49,658	45	2,810	1,173	536
37	—	—	—	—	—	—	1	1	—	—	—	—
36	—	—	—	—	—	—	6	6	—	—	—	—
35	—	—	—	—	—	—	8	8	—	—	—	—
34	—	—	—	—	—	—	8	8	—	—	—	—
33	2	1	1	—	—	—	2	2	—	—	—	—
32	1	1	—	—	—	—	4	4	—	—	—	—
31	2	1	1	—	—	—	13	11	2	—	—	—
30	4	3	1	—	—	—	9	9	—	—	—	—
29	5	3	2	—	—	—	7	6	1	—	—	—
28	6	5	—	—	—	1	3	3	—	—	—	—
27	9	7	—	—	—	2	—	—	—	—	—	—
26	16	13	2	—	—	1	4	—	3	—	—	1
25	13	12	—	—	—	1	1	—	—	—	—	1
24	3	2	—	—	—	1	2	—	—	—	—	2
23	11	5	3	—	—	3	—	—	—	—	—	—
22	1	—	—	—	—	1	1	—	1	—	—	—
21	12	1	2	—	8	1	15	—	2	—	13	—
20	55	—	—	55	—	—	58	—	1	57	—	—
19	171	—	—	170	—	1	170	—	—	170	—	—
≤ 18	53,883	49,598	31	2,566	1,155	533	53,910	49,600	35	2,583	1,160	532
										Total trips:		111,835

Trips and Drafts of Vessels, 2012
(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

	Upbound						Downbound					
Grand Total	582	49	—	272	256	5	614	65	—	284	263	2
FOREIGN												
Total	40	1	—	38	—	1	49	5	—	42	1	1
18	1	—	—	—	—	1	1	—	—	—	—	1
17	1	—	—	1	—	—	2	1	—	1	—	—
15	1	—	—	1	—	—	1	—	—	1	—	—
13	—	—	—	—	—	—	1	—	—	1	—	—
12	35	1	—	34	—	—	37	1	—	36	—	—
11	1	—	—	1	—	—	2	—	—	2	—	—
10	1	—	—	1	—	—	2	1	—	1	—	—
9	—	—	—	—	—	—	2	2	—	—	—	—
3	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	542	48	—	234	256	4	565	60	—	242	262	1
20	11	—	—	11	—	—	10	—	—	10	—	—
19	3	—	—	3	—	—	3	—	—	3	—	—
18	2	1	—	1	—	—	—	—	—	—	—	—
17	5	—	—	3	—	2	4	—	—	4	—	—
16	12	4	—	—	8	—	—	—	—	—	—	—
15	16	3	—	7	6	—	10	5	—	5	—	—
14	78	11	—	67	—	—	84	14	—	70	—	—
13	8	4	—	1	2	1	12	11	—	—	1	—
12	29	10	—	15	4	—	35	11	—	18	6	—
11	21	5	—	—	16	—	10	10	—	—	—	—
10	144	4	—	81	59	—	94	4	—	89	1	—
9	23	—	—	21	2	—	21	—	—	20	1	—
8	70	1	—	14	55	—	23	2	—	13	8	—
7	69	1	—	10	58	—	11	1	—	10	—	—
6	2	—	—	—	2	—	3	2	—	—	1	—
5	8	4	—	—	4	—	4	—	—	—	3	1
4	4	—	—	—	4	—	16	—	—	—	16	—
3	28	—	—	—	27	1	142	—	—	—	142	—
2	9	—	—	—	9	—	83	—	—	—	83	—
Total trips:											1,196	

EVERETT HARBOR AND SNOHOMISH RIVER, WA

	Inbound						Outbound					
Grand Total	1,216	333	—	589	292	2	1,222	330	—	604	286	2
FOREIGN												
Total	247	53	—	98	96	—	237	50	—	98	89	—
38	1	1	—	—	—	—	1	1	—	—	—	—
37	1	1	—	—	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
33	2	2	—	—	—	—	4	4	—	—	—	—
32	2	2	—	—	—	—	—	—	—	—	—	—
31	3	3	—	—	—	—	1	1	—	—	—	—
30	5	5	—	—	—	—	4	4	—	—	—	—
29	9	9	—	—	—	—	4	4	—	—	—	—
28	4	4	—	—	—	—	2	2	—	—	—	—
27	1	1	—	—	—	—	4	4	—	—	—	—
26	2	2	—	—	—	—	6	6	—	—	—	—
25	9	9	—	—	—	—	5	5	—	—	—	—
24	6	6	—	—	—	—	9	9	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
22	3	3	—	—	—	—	2	2	—	—	—	—
21	2	2	—	—	—	—	3	3	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	196	2	—	98	96	—	188	1	—	98	89	—
DOMESTIC												
Total	969	280	—	491	196	2	985	280	—	506	197	2
19	17	—	—	17	—	—	18	—	—	18	—	—
≤ 18	952	280	—	474	196	2	967	280	—	488	197	2
Total trips:											2,438	

Trips and Drafts of Vessels, 2012
(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
SWINOMISH CHANNEL, WA												
	Upbound						Downbound					
Grand Total	265	---	---	260	5	---	241	---	---	237	4	---
FOREIGN												
Total	19	---	---	19	---	---	19	---	---	18	1	---
13	---	---	---	---	---	---	2	---	---	1	1	---
12	19	---	---	19	---	---	17	---	---	17	---	---
DOMESTIC												
Total	246	---	---	241	5	---	222	---	---	219	3	---
12	4	---	---	4	---	---	2	---	---	2	---	---
11	---	---	---	---	---	---	2	---	---	---	2	---
10	51	---	---	51	---	---	40	---	---	40	---	---
9	144	---	---	144	---	---	144	---	---	144	---	---
8	38	---	---	38	---	---	31	---	---	31	---	---
7	4	---	---	4	---	---	2	---	---	2	---	---
≤ 6	5	---	---	---	5	---	1	---	---	---	1	---
											Total trips:	506
ANACORTES HARBOR, WA												
	Inbound						Outbound					
Grand Total	2,290	377	215	1,485	6	207	2,327	383	206	1,486	16	236
FOREIGN												
Total	242	18	79	83	4	58	252	17	84	78	13	60
50	1	---	1	---	---	---	---	---	---	---	---	---
49	7	---	7	---	---	---	---	---	---	---	---	---
48	5	---	5	---	---	---	4	---	4	---	---	---
47	1	---	1	---	---	---	---	---	---	---	---	---
46	3	---	3	---	---	---	1	---	1	---	---	---
45	1	---	1	---	---	---	---	---	---	---	---	---
41	---	---	---	---	---	---	2	---	2	---	---	---
40	4	---	4	---	---	---	9	---	9	---	---	---
39	---	---	---	---	---	---	4	---	4	---	---	---
38	1	---	1	---	---	---	6	1	5	---	---	---
37	1	---	1	---	---	---	---	---	---	---	---	---
36	1	1	---	---	---	---	10	1	9	---	---	---
35	2	---	2	---	---	---	8	---	8	---	---	---
34	4	1	3	---	---	---	9	1	8	---	---	---
33	4	1	3	---	---	---	4	1	3	---	---	---
32	4	1	3	---	---	---	4	1	3	---	---	---
31	1	---	1	---	---	---	8	---	8	---	---	---
30	5	3	2	---	---	---	7	1	6	---	---	---
29	3	1	2	---	---	---	6	3	3	---	---	---
28	5	---	5	---	---	---	2	1	1	---	---	---
27	7	---	7	---	---	---	8	---	5	---	---	3
26	10	2	8	---	---	---	16	2	2	5	---	7
25	9	---	7	2	---	---	21	---	---	12	---	9
24	12	---	9	1	---	2	19	---	1	8	---	10
23	---	---	---	---	---	---	1	---	---	1	---	---
22	7	---	---	3	---	4	1	---	---	1	---	---
21	46	---	---	24	---	22	4	---	---	3	---	1
20	4	2	2	---	---	---	1	1	---	---	---	---
19	4	1	---	---	---	3	1	---	1	---	---	---
≤ 18	90	5	1	53	4	27	96	4	1	48	13	30
DOMESTIC												
Total	2,048	359	136	1,402	2	149	2,075	366	122	1,408	3	176
50	14	---	14	---	---	---	15	---	15	---	---	---
49	8	---	8	---	---	---	1	---	1	---	---	---
47	12	---	12	---	---	---	1	---	1	---	---	---
46	1	---	1	---	---	---	---	---	---	---	---	---
45	9	---	9	---	---	---	8	---	8	---	---	---
44	1	---	1	---	---	---	---	---	---	---	---	---
42	2	---	2	---	---	---	---	---	---	---	---	---
40	2	---	2	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2012
(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 - continued

Inbound							Outbound					
DOMESTIC												
39	—	—	—	—	—	—	1	—	1	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	1	—	1	—	—	—
35	3	—	3	—	—	—	1	—	1	—	—	—
33	10	—	10	—	—	—	7	—	7	—	—	—
32	4	—	4	—	—	—	4	—	4	—	—	—
31	26	—	23	—	—	3	39	—	39	—	—	—
30	4	—	3	—	—	1	4	—	2	—	—	2
29	1	—	1	—	—	—	7	—	4	—	—	3
28	1	—	1	—	—	—	6	—	—	—	—	6
27	2	—	1	—	—	1	6	—	1	—	—	5
26	7	—	6	—	—	1	7	—	2	—	—	5
25	3	—	3	—	—	—	4	—	—	—	—	4
24	6	—	3	—	—	3	9	—	3	—	—	6
23	5	—	4	—	—	1	13	—	8	—	—	5
22	1	—	1	—	—	—	1	—	—	—	—	1
21	3	—	2	—	—	1	4	—	2	—	—	2
20	3	—	1	—	—	2	3	—	—	—	—	3
19	720	—	—	719	—	1	718	—	—	718	—	—
≤ 18	1,196	359	17	683	2	135	1,215	366	22	690	3	134
Total trips:											4,617	

BELLINGHAM BAY AND HARBOR, WA
(29 feet and less)

Inbound							Outbound					
Grand Total	433	88	—	337	3	5	414	84	—	321	5	4
Total trips:											847	

BLAINE HARBOR, WA
No Vessel Trips Reported

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

Upbound							Downbound					
Grand Total	32,348	32,348	—	—	—	—	32,348	32,348	—	—	—	—
Total trips:											64,696	

FLATHEAD LAKE, MT
No Vessel Trips Reported

HOQUIAM RIVER, WA
No Vessel Trips Reported

KOOTENAI RIVER, ID AND MT
No Vessel Trips Reported

NEAH BAY, WA
(15 feet and less)

Inbound							Outbound					
Grand Total	8	—	—	8	—	—	7	—	—	7	—	—
Total trips:											15	

Trips and Drafts of Vessels, 2012
(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 GAMBLE HARBOR, WA (12 feet and less)												
				Inbound						Outbound		
Grand Total	14	—	—	14	—	—	14	—	—	14	—	—
										Total trips:	—	28
PORT TOWNSEND HARBOR, WA (22 feet and less)												
				Inbound						Outbound		
Grand Total	8,810	8,551	—	168	85	6	8,798	8,549	—	165	79	5
										Total trips:	17,608	
QUILLAYUTE RIVER, WA (22 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	—	—	1	—	—	—	—	—	—
										Total trips:	1	
SKAGIT RIVER, WA (10 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 (19 feet and less)												
				Upbound						Downbound		
Grand Total	19	—	—	17	2	—	10	—	—	10	—	—
										Total trips:	29	
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA No Vessel Trips Reported												
OTHER PUGET SOUND AREA PORTS, WA (56 feet and less)												
				Inbound						Outbound		
Grand Total	193,987	190,715	263	2,064	551	394	194,007	190,714	240	2,068	570	415
										Total trips:	387,994	

Trips and Drafts of Vessels, 2012
(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	1,773	1,254	2	67	359	91	1,782	1,248	3	79	362	90

FOREIGN

Total	557	475	2	37	16	27	557	468	3	43	32	11
29	17	17	—	—	—	—	17	17	—	—	—	—
28	64	64	—	—	—	—	65	65	—	—	—	—
27	208	208	—	—	—	—	208	208	—	—	—	—
26	26	26	—	—	—	—	26	26	—	—	—	—
24	71	71	—	—	—	—	71	71	—	—	—	—
23	14	14	—	—	—	—	15	15	—	—	—	—
22	21	21	—	—	—	—	22	22	—	—	—	—
21	16	16	—	—	—	—	15	15	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	3	—	—	—	3	—	7	—	—	7	—	—
17	6	2	—	—	4	—	9	2	—	7	—	—
16	1	—	—	—	1	—	5	—	—	1	4	—
15	2	—	—	2	—	—	5	—	—	5	—	—
14	8	—	—	3	4	1	14	—	—	4	10	—
13	1	—	—	—	1	—	1	—	—	—	1	—
≤ 12	98	35	2	32	3	26	77	27	3	34	6	7

DOMESTIC

Total	1,216	779	—	30	343	64	1,225	780	—	36	330	79
21	6	—	—	—	6	—	3	—	—	—	3	—
20	1	—	—	—	—	1	—	—	—	—	—	—
18	10	—	—	6	3	1	8	—	—	6	2	—
17	7	—	—	—	6	1	2	—	—	—	2	—
16	3	—	—	2	1	—	3	—	—	2	1	—
15	86	—	—	5	78	3	73	—	—	3	69	1
14	102	—	—	—	99	3	106	—	—	—	103	3
13	113	—	—	2	108	3	151	—	—	—	113	37
≤ 12	888	779	—	15	42	52	879	780	—	24	37	38

Total trips: 3,555

WRANGELL NARROWS, AK

	Upbound						Downbound					
Grand Total	1,011	428	—	129	381	73	1,005	425	—	117	417	46

FOREIGN

Total	19	19	—	—	—	—	14	12	—	1	1	—
27	3	3	—	—	—	—	—	—	—	—	—	—
26	8	8	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	1	—	—	—	1	—
17	1	1	—	—	—	—	1	1	—	—	—	—
≤ 12	4	4	—	—	—	—	6	5	—	1	—	—

DOMESTIC

Total	992	409	—	129	381	73	991	413	—	116	416	46
21	7	—	—	—	7	—	6	—	—	—	6	—
20	1	—	—	1	—	—	1	—	—	1	—	—
18	14	—	—	7	6	1	16	—	—	6	10	—
17	6	—	—	1	5	—	3	—	—	2	1	—
16	6	—	—	3	3	—	2	—	—	1	1	—
15	184	—	—	95	87	2	220	—	—	94	126	—
14	77	—	—	—	74	3	64	—	—	—	64	—
13	59	—	—	2	38	19	32	—	—	—	31	1
≤ 12	638	409	—	20	161	48	647	413	—	12	177	45

Total trips: 2,016

Trips and Drafts of Vessels, 2012
(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
PETERSBURG HARBOR, AK												
	Inbound						Outbound					
Grand Total	768	398	---	100	258	12	769	398	---	101	258	12
FOREIGN												
Total	8	8	---	---	---	---	8	8	---	---	---	---
23	1	1	---	---	---	---	1	1	---	---	---	---
19	1	1	---	---	---	---	1	1	---	---	---	---
18	1	1	---	---	---	---	---	---	---	---	---	---
17	1	1	---	---	---	---	1	1	---	---	---	---
≤ 12	4	4	---	---	---	---	5	5	---	---	---	---
DOMESTIC												
Total	760	390	---	100	258	12	761	390	---	101	258	12
18	6	---	---	6	---	---	6	---	---	6	---	---
16	1	---	---	1	---	---	1	---	---	1	---	---
15	163	---	---	91	72	---	166	---	---	93	73	---
14	37	---	---	---	37	---	36	---	---	---	36	---
13	26	---	---	---	22	4	21	---	---	---	21	---
≤ 12	527	390	---	2	127	8	531	390	---	1	128	12
											Total trips:	1,537
JUNEAU HARBOR, AK												
	Upbound						Downbound					
Grand Total	1,620	1,345	---	42	175	58	1,636	1,343	---	50	189	54
FOREIGN												
Total	457	456	---	---	1	---	475	454	---	11	3	7
33	1	1	---	---	---	---	---	---	---	---	---	---
29	1	1	---	---	---	---	1	1	---	---	---	---
28	63	63	---	---	---	---	63	63	---	---	---	---
27	152	152	---	---	---	---	152	152	---	---	---	---
26	24	24	---	---	---	---	27	27	---	---	---	---
24	70	70	---	---	---	---	70	70	---	---	---	---
23	12	12	---	---	---	---	12	12	---	---	---	---
22	1	1	---	---	---	---	2	1	---	---	1	---
21	16	16	---	---	---	---	14	14	---	---	---	---
18	2	2	---	---	---	---	1	---	---	---	1	---
16	112	112	---	---	---	---	118	112	---	---	---	6
15	---	---	---	---	---	---	1	---	---	---	---	1
13	1	---	---	---	1	---	1	---	---	---	1	---
12	1	1	---	---	---	---	2	1	---	---	---	---
11	---	---	---	---	---	---	1	---	---	1	---	---
10	1	1	---	---	---	---	1	1	---	---	---	---
9	---	---	---	---	---	---	8	---	---	8	---	---
5	---	---	---	---	---	---	1	---	---	1	---	---
DOMESTIC												
Total	1,163	889	---	42	174	58	1,161	889	---	39	186	47
21	4	---	---	---	4	---	4	---	---	---	4	---
20	4	---	---	4	---	---	4	---	---	4	---	---
18	9	---	---	6	1	2	7	---	---	6	1	---
17	5	---	---	3	2	---	2	---	---	1	1	---
16	3	---	---	1	1	1	2	---	---	1	1	---
15	72	---	---	12	60	---	70	---	---	12	58	---
14	52	---	---	---	50	2	50	---	---	---	50	---
13	37	---	---	1	24	12	27	---	---	1	24	2
12	30	---	---	---	20	10	39	---	---	---	31	8
11	7	---	---	---	---	7	8	---	---	---	---	8
10	4	---	---	1	---	3	8	---	---	1	---	7
9	9	---	---	---	8	1	10	---	---	---	9	1
8	895	889	---	---	---	6	892	889	---	---	---	3
7	14	---	---	14	---	---	14	---	---	13	---	1
6	3	---	---	---	1	2	1	---	---	---	1	---
5	---	---	---	---	---	---	1	---	---	---	1	---
4	7	---	---	---	---	7	6	---	---	---	---	6
3	4	---	---	---	2	2	6	---	---	---	4	2
2	4	---	---	---	1	3	10	---	---	---	1	9
											Total trips:	3,256

Trips and Drafts of Vessels, 2012
(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												
	Upbound						Downbound					
Grand Total	633	325	205	41	12	50	688	327	240	49	13	59
FOREIGN												
Total	7	2	3	2	—	—	4	2	—	2	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	1	1	—	—	—	—
≤ 12	2	—	—	2	—	—	2	—	—	2	—	—
DOMESTIC												
Total	626	323	202	39	12	50	684	325	240	47	13	59
61	—	—	—	—	—	—	8	—	8	—	—	—
60	—	—	—	—	—	—	19	—	19	—	—	—
59	—	—	—	—	—	—	2	—	2	—	—	—
57	—	—	—	—	—	—	11	—	11	—	—	—
56	—	—	—	—	—	—	36	—	36	—	—	—
55	—	—	—	—	—	—	5	—	5	—	—	—
53	—	—	—	—	—	—	20	—	20	—	—	—
52	—	—	—	—	—	—	1	—	1	—	—	—
51	—	—	—	—	—	—	5	—	5	—	—	—
50	—	—	—	—	—	—	6	—	6	—	—	—
49	—	—	—	—	—	—	5	—	5	—	—	—
48	—	—	—	—	—	—	6	—	6	—	—	—
47	—	—	—	—	—	—	6	—	6	—	—	—
46	—	—	—	—	—	—	2	—	2	—	—	—
45	—	—	—	—	—	—	1	—	1	—	—	—
44	—	—	—	—	—	—	9	—	9	—	—	—
43	—	—	—	—	—	—	9	—	9	—	—	—
42	—	—	—	—	—	—	6	—	6	—	—	—
41	—	—	—	—	—	—	14	—	14	—	—	—
40	—	—	—	—	—	—	7	—	7	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	6	—	6	—	—	—
36	—	—	—	—	—	—	2	—	2	—	—	—
35	—	—	—	—	—	—	2	—	2	—	—	—
33	4	—	4	—	—	—	17	—	17	—	—	—
32	2	—	2	—	—	—	1	—	1	—	—	—
31	58	—	58	—	—	—	9	—	9	—	—	—
30	1	—	1	—	—	—	1	—	1	—	—	—
28	2	—	2	—	—	—	—	—	—	—	—	—
26	8	—	8	—	—	—	—	—	—	—	—	—
24	2	—	2	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	13	—	13	—	—	—
20	2	—	—	2	—	—	26	—	—	2	—	24
19	—	—	—	—	—	—	7	—	—	—	—	7
18	—	—	—	—	—	—	1	—	—	—	—	1
17	27	—	—	27	—	—	35	—	—	34	—	1
16	—	—	—	—	—	—	2	—	—	—	—	2
15	12	—	—	—	12	—	17	—	—	—	13	4
14	1	—	—	—	—	1	—	—	—	—	—	—
13	13	—	13	—	—	—	—	—	—	—	—	—
≤ 12	493	323	111	10	—	49	366	325	10	11	—	20
Total trips:											1,321	

Trips and Drafts of Vessels, 2012
(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												
	Inbound						Outbound					
Grand Total	111	76	---	13	17	5	106	73	---	12	17	4
FOREIGN												
Total	76	76	---	---	---	---	73	73	---	---	---	---
40	1	1	---	---	---	---	9	9	---	---	---	---
37	1	1	---	---	---	---	2	2	---	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
29	3	3	---	---	---	---	2	2	---	---	---	---
28	9	9	---	---	---	---	8	8	---	---	---	---
27	5	5	---	---	---	---	4	4	---	---	---	---
26	11	11	---	---	---	---	8	8	---	---	---	---
25	1	1	---	---	---	---	1	1	---	---	---	---
24	20	20	---	---	---	---	16	16	---	---	---	---
23	6	6	---	---	---	---	6	6	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	6	6	---	---	---	---	5	5	---	---	---	---
19	1	1	---	---	---	---	1	1	---	---	---	---
17	3	3	---	---	---	---	4	4	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
13	1	1	---	---	---	---	---	---	---	---	---	---
12	6	6	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	6	6	---	---	---	---
DOMESTIC												
Total	35	---	---	13	17	5	33	---	---	12	17	4
21	5	---	---	---	5	---	4	---	---	---	4	---
18	6	---	---	---	5	1	5	---	---	---	5	---
17	3	---	---	2	1	---	6	---	---	3	2	1
15	4	---	---	4	---	---	4	---	---	4	---	---
14	1	---	---	---	1	---	---	---	---	---	---	---
13	2	---	---	1	1	---	---	---	---	---	---	---
12	3	---	---	---	3	---	2	---	---	---	2	---
11	4	---	---	3	---	1	3	---	---	3	---	---
9	1	---	---	1	---	---	---	---	---	---	---	---
8	2	---	---	1	---	1	2	---	---	1	---	1
7	1	---	---	1	---	---	1	---	---	1	---	---
6	1	---	---	---	1	---	2	---	---	---	2	---
5	1	---	---	---	---	1	---	---	---	---	---	---
4	---	---	---	---	---	---	1	---	---	---	---	1
3	---	---	---	---	---	---	2	---	---	---	2	---
2	1	---	---	---	---	1	1	---	---	---	---	1
											Total trips:	217
ANCHORAGE, AK												
	Inbound						Outbound					
Grand Total	2,160	225	9	936	938	52	2,134	223	6	928	930	47
FOREIGN												
Total	33	21	8	2	2	---	28	22	6	---	---	---
38	6	---	6	---	---	---	---	---	---	---	---	---
37	1	---	1	---	---	---	1	---	1	---	---	---
34	---	---	---	---	---	---	1	---	1	---	---	---
33	1	---	1	---	---	---	1	---	1	---	---	---
30	2	2	---	---	---	---	2	2	---	---	---	---
28	3	3	---	---	---	---	2	1	1	---	---	---
27	1	1	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	1	1	---	---	---	---
24	6	6	---	---	---	---	9	7	2	---	---	---
23	2	2	---	---	---	---	1	1	---	---	---	---
22	---	---	---	---	---	---	1	1	---	---	---	---
21	2	2	---	---	---	---	2	2	---	---	---	---
20	---	---	---	---	---	---	2	2	---	---	---	---
19	3	1	---	1	1	---	1	1	---	---	---	---
18	2	2	---	---	---	---	2	2	---	---	---	---
17	2	2	---	---	---	---	1	1	---	---	---	---
16	1	---	---	---	1	---	1	1	---	---	---	---
≤ 12	1	---	---	1	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2012
(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

ANCHORAGE, AK - continued

	Inbound						Outbound					
DOMESTIC												
Total	2,127	204	1	934	936	52	2,106	201	—	928	930	47
27	—	—	—	—	—	—	1	—	—	—	—	1
26	2	—	—	—	—	2	1	—	—	—	—	1
25	100	100	—	—	—	—	98	98	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
23	1	—	—	—	—	1	1	—	—	—	—	1
22	1	—	1	—	—	—	—	—	—	—	—	—
21	6	—	—	—	6	—	6	—	—	—	6	—
20	21	—	—	—	—	21	1	—	—	—	—	1
19	3	—	—	—	—	3	—	—	—	—	—	—
18	5	—	—	—	5	—	7	—	—	1	5	1
17	100	67	—	26	4	3	91	66	—	21	3	1
16	38	34	—	—	3	1	34	32	—	—	2	—
15	6	—	—	1	5	—	5	—	—	1	4	—
14	2	1	—	—	1	—	5	1	—	—	2	2
13	6	—	—	1	4	1	2	—	—	—	1	1
≤ 12	1,835	2	—	906	908	19	1,854	4	—	905	907	38
										Total trips:		4,294

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)

	Upbound						Downbound					
Grand Total	536	383	12	41	39	61	524	373	13	41	41	56
FOREIGN												
Total	205	190	12	3	—	—	201	185	13	3	—	—
40	—	—	—	3	—	—	1	1	—	—	—	—
39	8	8	—	—	—	—	11	11	—	—	—	—
38	13	12	1	—	—	—	15	15	—	—	—	—
37	5	5	—	—	—	—	5	5	—	—	—	—
36	13	13	—	—	—	—	9	9	—	—	—	—
35	7	7	—	—	—	—	4	4	—	—	—	—
34	43	40	3	—	—	—	44	40	4	—	—	—
33	5	3	2	—	—	—	2	1	1	—	—	—
31	2	1	1	—	—	—	3	2	1	—	—	—
30	1	1	—	—	—	—	7	7	—	—	—	—
29	1	1	—	—	—	—	12	12	—	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	4	3	1	—	—	—	3	2	1	—	—	—
26	3	3	—	—	—	—	1	1	—	—	—	—
25	4	3	1	—	—	—	5	4	1	—	—	—
24	7	6	1	—	—	—	10	9	1	—	—	—
23	6	5	1	—	—	—	13	12	1	—	—	—
22	3	2	1	—	—	—	15	14	1	—	—	—
21	8	8	—	—	—	—	5	5	—	—	—	—
20	7	7	—	—	—	—	7	6	1	—	—	—
19	5	5	—	—	—	—	3	3	—	—	—	—
18	7	7	—	—	—	—	4	4	—	—	—	—
17	8	8	—	—	—	—	4	4	—	—	—	—
16	13	13	—	—	—	—	4	4	—	—	—	—
15	24	24	—	—	—	—	6	6	—	—	—	—
14	2	2	—	—	—	—	1	1	—	—	—	—
12	1	—	—	1	—	—	1	—	—	1	—	—
11	4	3	—	1	—	—	3	3	—	—	—	—
8	1	—	—	1	—	—	2	—	—	2	—	—
DOMESTIC												
Total	331	193	—	38	39	61	323	188	—	38	41	56
27	1	—	—	—	—	1	—	—	—	—	—	—
21	2	—	—	—	2	—	1	—	—	—	1	—
20	2	—	—	—	—	2	—	—	—	—	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
18	19	3	—	—	13	3	26	10	—	—	13	3

Trips and Drafts of Vessels, 2012
(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) - continued

DOMESTIC

	Upbound						Downbound					
17	42	31	—	8	2	1	35	30	—	4	1	—
16	19	18	—	—	1	—	25	22	—	—	1	2
15	9	4	—	2	2	1	13	7	—	2	3	1
14	21	18	—	1	2	—	26	21	—	1	3	1
13	29	22	—	3	2	2	28	18	—	6	2	2
12	34	21	—	—	6	7	35	21	—	—	9	5
11	22	21	—	—	—	1	21	18	—	—	—	3
10	24	24	—	—	—	—	15	14	—	—	—	1
9	12	12	—	—	—	—	7	5	—	1	—	1
8	11	9	—	—	—	2	20	18	—	—	—	2
7	32	8	—	24	—	—	28	2	—	24	—	2
6	6	—	—	—	—	6	4	—	—	—	1	3
5	17	2	—	—	—	15	17	2	—	—	—	15
4	6	—	—	—	6	—	6	—	—	—	4	2
3	11	—	—	—	2	9	10	—	—	—	2	8
2	10	—	—	—	1	9	6	—	—	—	1	5
											Total trips:	1,060

ILIULIUK HARBOR, UNALASKA

	Inbound						Outbound					
Grand Total	294	186	8	25	37	38	296	171	8	32	39	46

FOREIGN

Total	58	50	8	—	—	—	52	42	8	2	—	—
34	40	38	2	—	—	—	41	39	2	—	—	—
33	5	3	2	—	—	—	2	1	1	—	—	—
31	1	—	1	—	—	—	1	—	1	—	—	—
27	1	—	1	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	1	—	1	—	—	—
22	1	—	1	—	—	—	1	—	1	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—
18	2	2	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	1	1	—	—	—	—
16	4	4	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	2	—	—	2	—	—

DOMESTIC

Total	236	136	—	25	37	38	244	129	—	30	39	46
27	1	—	—	—	—	1	—	—	—	—	—	—
21	2	—	—	—	2	—	1	—	—	—	1	—
20	1	—	—	—	—	1	—	—	—	—	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
18	20	4	—	—	13	3	23	9	—	—	13	1
17	7	—	—	4	2	1	7	1	—	5	1	—
16	5	4	—	—	1	—	8	5	—	—	1	2
15	6	4	—	—	2	—	14	8	—	1	3	2
14	21	17	—	1	2	1	21	18	—	—	3	—
13	24	21	—	1	2	—	29	20	—	4	2	3
12	32	22	—	—	6	4	34	21	—	—	9	4
11	21	21	—	—	—	—	21	18	—	—	—	3
10	22	22	—	—	—	—	16	16	—	—	—	—
9	12	12	—	—	—	—	6	5	—	—	—	1
8	5	5	—	—	—	—	8	4	—	—	—	4
7	22	2	—	19	—	1	23	2	—	20	—	1
6	2	—	—	—	—	2	3	—	—	—	1	2
5	12	2	—	—	—	10	12	2	—	—	—	10
4	4	—	—	—	4	—	4	—	—	—	2	2
3	7	—	—	—	2	5	9	—	—	—	2	7
2	8	—	—	—	1	7	5	—	—	—	1	4
											Total trips:	590

Trips and Drafts of Vessels, 2012
(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
ATKA ISLAND, AK (22 feet and less)												
				Inbound						Outbound		
Grand Total	12	12	—	—	—	—	13	13	—	—	—	—
										Total trips:	—	25
BETHEL HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	108	1	—	46	40	21	127	1	—	49	52	25
										Total trips:	52	235
CORDOVA HARBOR, AK (20 feet and less)												
				Inbound						Outbound		
Grand Total	385	296	—	9	65	15	381	297	—	9	61	14
										Total trips:	61	766
CRAIG HARBOR, AK (13 feet and less)												
				Inbound						Outbound		
Grand Total	18	—	—	—	—	18	18	—	—	—	—	18
										Total trips:	—	36
DILLINGHAM HARBOR, AK (18 feet and less)												
				Inbound						Outbound		
Grand Total	29	—	—	10	11	8	26	—	—	9	11	6
										Total trips:	11	55
DOUGLAS HARBOR, AK (16 feet and less)												
				Inbound						Outbound		
Grand Total	112	112	—	—	—	—	112	112	—	—	—	—
										Total trips:	—	224
DRY PASS, AK No Vessel Trips Reported												
EGEGIK RIVER, AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	7	—	—	3	4	—	6	—	—	3	2	1
										Total trips:	2	13
ELFIN COVE HARBOR, AK No Vessel Trips Reported												
GASTINEAU CHANNEL, AK No Vessel Trips Reported												
HOMER, AK (39 feet and less)												
				Inbound						Outbound		
Grand Total	305	251	7	22	—	25	299	247	3	24	—	25
										Total trips:	—	604
HOONAH HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	324	252	—	25	38	9	328	253	—	26	40	9
										Total trips:	40	652

Trips and Drafts of Vessels, 2012
(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
HUMBOLDT HARBOR, AK (22 feet and less)												
				Inbound						Outbound		
Grand Total	108	97	---	3	1	7	109	96	---	4	1	8
										Total trips:		217
KAKE HARBOR, AK (21 feet and less)												
				Inbound						Outbound		
Grand Total	313	170	---	50	74	19	308	170	---	49	74	15
										Total trips:		621
KING COVE LAGOON, AK (22 feet and less)												
				Inbound						Outbound		
Grand Total	128	101	---	11	---	16	125	99	---	11	---	15
										Total trips:		253
KODIAK HARBOR, AK (28 feet and less)												
				Inbound						Outbound		
Grand Total	347	288	---	25	---	34	345	287	---	27	---	31
										Total trips:		692
KUSKOKWIM RIVER, AK (18 feet and less)												
				Upbound						Downbound		
Grand Total	227	1	---	83	77	66	175	1	---	64	68	42
										Total trips:		402
METLAKATLA HARBOR, AK (14 feet and less)												
				Inbound						Outbound		
Grand Total	604	540	---	---	52	12	609	551	---	---	48	10
										Total trips:		1,213
NAKNEK RIVER, AK (28 feet and less)												
				Upbound						Downbound		
Grand Total	83	6	---	28	27	22	81	9	---	27	26	19
										Total trips:		164
NINILCHIK HARBOR, AK No Vessel Trips Reported												
NOME, AK (34 feet and less)												
				Inbound						Outbound		
Grand Total	75	10	6	29	12	18	85	15	8	28	13	21
										Total trips:		160
OLD HARBOR, AK (9 feet and less)												
				Inbound						Outbound		
Grand Total	13	4	---	5	---	4	12	4	---	3	---	5
										Total trips:		25
PELICAN HARBOR, AK (16 feet and less)												
				Inbound						Outbound		
Grand Total	29	19	---	1	1	8	27	19	---	---	---	8
										Total trips:		56
PORT ALEXANDER, AK No Vessel Trips Reported												

Trips and Drafts of Vessels, 2012
(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
SELDOVIA HARBOR, AK (14 feet and less)												
				Inbound						Outbound		
Grand Total	122	118	—	1	—	3	120	116	—	1	—	3
										Total trips:		242
SERGIUS AND WHITESTONE NARROWS, AK (23 feet and less)												
				Upbound						Downbound		
Grand Total	695	428	—	90	158	19	704	429	—	92	162	21
										Total trips:		1,399
SITKA HARBOR, AK (29 feet and less)												
				Inbound						Outbound		
Grand Total	666	378	—	96	170	22	654	378	—	92	164	20
										Total trips:		1,320
SKAGWAY HARBOR, AK (38 feet and less)												
				Inbound						Outbound		
Grand Total	692	634	—	15	22	21	700	641	—	13	28	18
										Total trips:		1,392
STIKINE RIVER, AK No Vessel Trips Reported												
VALDEZ HARBOR (SMALL BOAT HARBOR), AK (12 feet and less)												
				Inbound						Outbound		
Grand Total	24	—	—	12	—	12	25	—	—	11	—	14
										Total trips:		49
WRANGELL HARBOR, AK (23 feet and less)												
				Inbound						Outbound		
Grand Total	490	414	—	5	63	8	491	414	—	5	62	10
										Total trips:		981
CHATHAM STRAIT, AK (36 feet and less)												
				Upbound						Downbound		
Grand Total	1,528	1,038	—	137	310	43	1,599	1,097	—	125	299	78
										Total trips:		3,127
CLARENCE STRAIT, AK (36 feet and less)												
				Upbound						Downbound		
Grand Total	718	278	—	32	350	58	699	296	—	30	336	37
										Total trips:		1,417
FREDERICK SOUND, AK (33 feet and less)												
				Upbound						Downbound		
Grand Total	1,313	757	—	120	376	60	1,462	785	—	185	402	90
										Total trips:		2,775
ICY STRAIT, AK (38 feet and less)												
				Upbound						Downbound		
Grand Total	1,015	785	—	57	138	35	1,055	829	—	51	138	37
										Total trips:		2,070
KIVALINA, AK (20 feet and less)												
				Inbound						Outbound		
Grand Total	1,207	—	—	719	477	11	1,208	—	—	721	474	13
										Total trips:		2,415

Trips and Drafts of Vessels, 2012
(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
LYNN CANAL, AK (38 feet and less)												
				Upbound						Downbound		
Grand Total	1,412	1,270	—	40	62	40	1,438	1,280	—	29	82	47
										Total trips:		2,850
NIKISHKA, AK (40 feet and less)												
				Inbound						Outbound		
Grand Total	128	—	79	22	—	27	122	1	75	21	—	25
										Total trips:		250
REVILLAGIGADO CHANNEL, AK (31 feet and less)												
				Upbound						Downbound		
Grand Total	934	612	3	64	193	62	947	605	3	67	233	39
										Total trips:		1,881
STEPHENS PASSAGE, AK (33 feet and less)												
				Upbound						Downbound		
Grand Total	1,657	1,345	—	41	193	78	1,622	1,343	—	57	175	47
										Total trips:		3,279
SUMNER STRAIT, AK (27 feet and less)												
				Upbound						Downbound		
Grand Total	546	264	—	37	181	64	627	262	—	27	290	48
										Total trips:		1,173
TONGASS NARROWS, AK (31 feet and less)												
				Upbound						Downbound		
Grand Total	1,952	1,318	3	85	429	117	1,944	1,302	3	85	467	87
										Total trips:		3,896
WHITTIER HARBOR, AK (27 feet and less)												
				Inbound						Outbound		
Grand Total	676	448	—	80	148	—	676	444	—	79	153	—
										Total trips:		1,352

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