

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
1993	4,383	1996	1,990	1999	1,406	<b>2002</b>	<b>1,666</b>
1994	1,654	1997	1,486	2000	1,251		
1995	1,566	1998	1,488	2001	1,326		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound	Outbound	Inbound	Outbound	Coastwise Shipments
<b>Total, all commodities</b>	<b>1,666</b>	<b>75</b>	<b>394</b>	<b>405</b>	<b>44</b>	<b>749</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,588</b>	---	<b>392</b>	<b>403</b>	<b>44</b>	<b>749</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,578</b>	---	<b>383</b>	<b>403</b>	<b>44</b>	<b>749</b>
4161 wood chips	510	---	---	143	39	328
4170 wood in the rough	894	---	382	249	5	258
4189 lumber	174	---	0	10	---	163
<b>Subtotal pulp and waste paper</b>	<b>10</b>	---	<b>10</b>	---	---	---
4225 pulp & waste paper	10	---	10	---	---	---
<b>Total primary manufactured goods</b>	<b>73</b>	<b>73</b>	<b>1</b>	---	---	---
<b>Subtotal paper products</b>	<b>1</b>	---	<b>1</b>	---	---	---
5190 paper products nec	1	---	1	---	---	---
<b>Subtotal primary iron and steel products</b>	<b>13</b>	<b>13</b>	---	---	---	---
5320 i&s primary forms	2	---	---	---	---	---
5360 i&s bars & shapes	11	---	---	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>60</b>	<b>60</b>	---	---	---	---
5422 aluminum	55	---	---	---	---	---
5480 fab. metal products	4	---	---	---	---	---
<b>Total food and farm products</b>	<b>1</b>	<b>1</b>	---	---	---	---
<b>Subtotal fish</b>	<b>1</b>	<b>1</b>	---	---	---	---
6134 fish (not shellfish)	1	---	---	---	---	---
6136 shellfish	0	---	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>2</b>	---	---
7110 machinery (not elec)	0	---	0	---	---	---
7120 electrical machinery	0	---	0	---	---	---
7210 vehicles & parts	0	---	0	---	---	---
7400 manufac. wood prod.	2	---	---	2	---	---
7600 rubber & plastic pr.	1	---	1	---	---	---
7900 manufac. prod. nec	0	---	0	---	---	---

PORT ANGELES HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,987	1996	2,780	1999	2,237	<b>2002</b>	<b>1,674</b>
1994	1,695	1997	2,377	2000	1,872		
1995	1,911	1998	2,417	2001	2,154		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>296</b>	<b>46</b>	<b>37</b>	<b>143</b>	<b>70</b>
<b>Total petroleum and petroleum products</b>	<b>98</b>	<b>—</b>	<b>—</b>	<b>48</b>	<b>51</b>
<b>Subtotal petroleum products</b>	<b>98</b>	<b>—</b>	<b>—</b>	<b>48</b>	<b>51</b>
2340 residual fuel oil	70	—	—	48	22
2540 petroleum coke	28	—	—	—	28
<b>Total chemicals and related products</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>
<b>Subtotal other chemicals and related products</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>
3299 chem. products nec	2	—	—	1	1
<b>Total crude materials, inedible except fuels</b>	<b>188</b>	<b>43</b>	<b>37</b>	<b>93</b>	<b>15</b>
<b>Subtotal forest products, wood and chips</b>	<b>103</b>	<b>—</b>	<b>37</b>	<b>51</b>	<b>15</b>
4150 fuel wood	0	—	—	—	0
4161 wood chips	33	—	—	19	14
4170 wood in the rough	70	—	37	32	1
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>18</b>	<b>—</b>	<b>—</b>	<b>18</b>	<b>—</b>
4310 building stone	10	—	—	10	—
4331 sand & gravel	8	—	—	8	—
<b>Subtotal other non-metal. min.</b>	<b>67</b>	<b>43</b>	<b>—</b>	<b>24</b>	<b>—</b>
4900 non-metal. min. nec	67	43	—	24	—
<b>Total primary manufactured goods</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>4</b>
<b>Subtotal paper products</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4</b>
5110 newsprint	4	—	—	—	4
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>
5290 misc. mineral prod.	1	—	—	1	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>
5480 fab. metal products	0	—	—	0	—
<b>Total food and farm products</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>1</b>
<b>Subtotal fish</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>1</b>
6134 fish (not shellfish)	1	—	—	0	1
6136 shellfish	0	0	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>0</b>	<b>—</b>
7110 machinery (not elec)	0	—	—	0	—
7210 vehicles & parts	3	3	—	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>1,378</b>	<b>660</b>	<b>142</b>	<b>197</b>	<b>377</b>	<b>1</b>
<b>Total petroleum and petroleum products</b>	<b>891</b>	<b>660</b>	<b>42</b>	<b>177</b>	<b>10</b>	<b>1</b>
<b>Subtotal crude petroleum</b>	<b>640</b>	<b>640</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	640	640	—	—	—	—
<b>Subtotal petroleum products</b>	<b>250</b>	<b>19</b>	<b>42</b>	<b>177</b>	<b>10</b>	<b>1</b>
2211 gasoline	13	—	—	—	—	—
2330 distillate fuel oil	21	—	12	3	5	—
2340 residual fuel oil	216	6	30	174	5	1
2350 lube oil & greases	0	—	—	0	—	0
<b>Total crude materials, inedible except fuels</b>	<b>487</b>	<b>—</b>	<b>100</b>	<b>20</b>	<b>367</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>487</b>	<b>—</b>	<b>100</b>	<b>20</b>	<b>367</b>	<b>—</b>
4161 wood chips	11	—	—	—	11	—
4170 wood in the rough	477	—	100	20	357	—

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
1993	384	1996	1,037	1999	543	<b>2002</b>	<b>588</b>
1994	500	1997	633	2000	514		
1995	872	1998	635	2001	554		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
<b>Total, all commodities</b>	<b>588</b>	<b>244</b>	<b>344</b>
<b>Total crude materials, inedible except fuels</b>	<b>588</b>	<b>244</b>	<b>344</b>
<b>Subtotal forest products, wood and chips</b>	<b>588</b>	<b>244</b>	<b>344</b>
4161 wood chips	173	—	173
4170 wood in the rough	416	244	171
<b>Ton-miles (x1000)</b>	<b>5,884</b>	<b>2,444</b>	<b>3,440</b>
<b>Tons All Traffic (x1000)</b>	<b>588</b>		
<b>Ton-miles All Traffic (x1000)</b>	<b>5,884</b>		
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>22,278</b>		

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
1993	924	1996	1,893	1999	1,313	<b>2002</b>	<b>1,440</b>
1994	1,514	1997	1,997	2000	1,434		
1995	2,166	1998	1,423	2001	1,326		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Internal		
							Receipts	Shipments	Intransport
<b>Total, all commodities</b>	<b>1,440</b>	<b>6</b>	<b>86</b>	<b>20</b>	<b>4</b>	<b>1,324</b>	<b>547</b>	<b>346</b>	<b>431</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,436</b>	<b>3</b>	<b>85</b>	<b>20</b>	<b>4</b>	<b>1,324</b>	<b>547</b>	<b>346</b>	<b>431</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,434</b>	<b>—</b>	<b>85</b>	<b>20</b>	<b>4</b>	<b>1,324</b>	<b>547</b>	<b>346</b>	<b>431</b>
4161 wood chips	42	—	—	—	4	38	—	38	—
4170 wood in the rough	1,355	—	69	—	—	1,287	547	309	431
4189 lumber	36	—	17	20	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	3	3	—	—	—	—	—	—	—
<b>Total primary manufactured goods</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal primary iron and steel products</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5360 i&s bars & shapes	3	3	—	—	—	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	0	0	—	—	—	—	—	—	—
<b>Total food and farm products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6839 animals & prod. nec	0	—	0	—	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
7900 manufac. prod. nec	0	—	—	0	—	—	—	—	—

TACOMA HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	18,652	1996	21,491	1999	21,103	2002	20,587
1994	17,616	1997	20,683	2000	22,287		
1995	20,879	1998	17,400	2001	20,523		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
<b>Total, all commodities</b>	<b>13,170</b>	<b>3,962</b>	<b>7,769</b>	<b>1,032</b>	<b>408</b>
<b>Total coal</b>	<b>30</b>	<b>0</b>	<b>---</b>	<b>30</b>	<b>---</b>
1100 coal lignite	30	0	---	30	---
<b>Total petroleum and petroleum products</b>	<b>254</b>	<b>28</b>	<b>19</b>	<b>127</b>	<b>80</b>
<b>Subtotal petroleum products</b>	<b>254</b>	<b>28</b>	<b>19</b>	<b>127</b>	<b>80</b>
2211 gasoline	74	27	---	34	13
2221 kerosene	10	---	0	4	7
2330 distillate fuel oil	13	---	---	11	3
2340 residual fuel oil	135	---	---	79	56
2350 lube oil & greases	5	0	4	---	---
2410 petro. jelly & waxes	1	0	1	---	---
2429 naphtha & solvents	14	0	14	---	---
2430 asphalt, tar & pitch	0	0	---	---	---
2540 petroleum coke	2	0	0	---	2
2640 liquid natural gas	0	0	0	---	---
<b>Total chemicals and related products</b>	<b>844</b>	<b>327</b>	<b>220</b>	<b>20</b>	<b>276</b>
<b>Subtotal fertilizers</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>---</b>
3110 nitrogenous fert.	0	0	0	---	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	0	0	---	---	---
3190 fert. & mixes nec	2	1	1	---	---
<b>Subtotal other chemicals and related products</b>	<b>842</b>	<b>326</b>	<b>219</b>	<b>20</b>	<b>276</b>
3211 acyclic hydrocarbons	0	0	0	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	3	2	1	---	---
3220 alcohols	19	13	6	---	---
3230 carboxylic acids	26	11	15	---	---
3240 nitrogen func. comp.	25	8	17	---	---
3250 organo - inorg. comp.	6	5	1	---	---
3260 organic comp. nec	7	4	4	---	---
3272 sulphuric acid	3	3	0	---	---
3273 ammonia	0	---	0	---	---
3274 sodium hydroxide	193	132	3	20	37
3275 inorg. elem., oxides, & halogen salts	25	11	14	---	---
3276 metallic salts	86	9	7	---	70
3279 inorganic chem. nec	5	4	2	---	---
3281 radioactive material	0	0	0	---	---
3282 pigments & paints	15	10	5	---	---
3283 coloring mat. nec	3	3	0	---	---
3284 medicines	28	13	14	---	---
3285 perfumes & cleansers	19	4	15	---	---
3286 plastics	148	68	81	---	---
3291 pesticides	1	0	1	---	---
3292 starches, gluten, glue	16	7	9	---	---
3293 explosives	9	9	0	---	---
3297 chemical additives	5	0	5	---	---
3298 wood & resin chem.	0	0	0	---	---
3299 chem. products nec	200	11	20	---	169
<b>Total crude materials, inedible except fuels</b>	<b>2,361</b>	<b>183</b>	<b>1,496</b>	<b>638</b>	<b>44</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,259</b>	<b>40</b>	<b>804</b>	<b>373</b>	<b>42</b>
4110 rubber & gums	26	26	0	---	---
4150 fuel wood	0	0	0	---	---
4161 wood chips	251	0	202	21	28
4170 wood in the rough	794	1	457	329	8
4189 lumber	184	11	145	23	7
4190 forest products nec	3	2	0	---	---
<b>Subtotal pulp and waste paper</b>	<b>384</b>	<b>0</b>	<b>384</b>	<b>---</b>	<b>---</b>
4225 pulp & waste paper	384	0	384	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>399</b>	<b>133</b>	<b>17</b>	<b>249</b>	<b>---</b>
4310 building stone	8	3	1	4	---
4322 limestone	231	0	2	229	---
4323 gypsum	143	129	14	---	---
4331 sand & gravel	17	1	1	15	---
<b>Subtotal iron ore and scrap</b>	<b>237</b>	<b>0</b>	<b>237</b>	<b>---</b>	<b>---</b>
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	237	0	237	---	---
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
4515 marine shells	0	0	---	---	---

TACOMA HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
<b>Subtotal non-ferrous ores and scrap</b>	<b>25</b>	<b>1</b>	<b>24</b>	---	---
4650 aluminum ore	1	0	1	---	---
4680 non-ferrous scrap	23	0	23	---	---
4690 non-ferrous ores nec	0	0	0	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>25</b>	<b>4</b>	<b>21</b>	---	---
4741 sulphur, (dry)	0	---	0	---	---
4782 clay & refrac. mat.	24	4	21	---	---
<b>Subtotal slag</b>	<b>17</b>	---	---	<b>17</b>	---
4860 slag	17	---	---	17	---
<b>Subtotal other non-metal. min.</b>	<b>17</b>	<b>5</b>	<b>10</b>	---	<b>2</b>
4900 non-metal. min. nec	17	5	10	---	2
<b>Total primary manufactured goods</b>	<b>1,409</b>	<b>601</b>	<b>598</b>	<b>209</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>336</b>	<b>59</b>	<b>278</b>	---	---
5110 newsprint	50	0	50	---	---
5120 paper & paperboard	245	36	209	---	---
5190 paper products nec	42	23	19	---	---
<b>Subtotal lime, cement and glass</b>	<b>140</b>	<b>90</b>	<b>36</b>	<b>14</b>	---
5210 lime	0	---	0	---	---
5220 cement & concrete	0	0	0	---	---
5240 glass & glass prod.	39	28	12	---	---
5290 misc. mineral prod.	100	62	25	14	---
<b>Subtotal primary iron and steel products</b>	<b>70</b>	<b>59</b>	<b>10</b>	---	---
5312 pig iron	5	5	0	---	---
5315 ferro alloys	2	1	1	---	---
5320 i&s primary forms	7	4	3	---	---
5330 i&s plates & sheets	8	5	3	---	---
5360 i&s bars & shapes	9	8	0	---	---
5370 i&s pipe & tube	19	19	1	---	---
5390 primary i&s nec	19	17	2	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>746</b>	<b>373</b>	<b>245</b>	<b>128</b>	<b>0</b>
5421 copper	6	5	1	---	---
5422 aluminum	9	7	2	---	---
5429 smelted prod. nec	354	5	222	128	---
5480 fab. metal products	377	356	20	0	0
<b>Subtotal primary wood products</b>	<b>117</b>	<b>21</b>	<b>29</b>	<b>67</b>	---
5540 primary wood prod.	117	21	29	67	---
<b>Total food and farm products</b>	<b>5,287</b>	<b>147</b>	<b>5,137</b>	---	<b>2</b>
<b>Subtotal fish</b>	<b>67</b>	<b>19</b>	<b>48</b>	---	---
6134 fish (not shellfish)	49	3	46	---	---
6136 shellfish	18	16	2	---	---
<b>Subtotal grain</b>	<b>2,463</b>	<b>3</b>	<b>2,460</b>	---	---
6241 wheat	1	---	1	---	---
6344 corn	2,458	0	2,458	---	---
6442 rice	3	3	0	---	---
6443 barley & rye	0	---	0	---	---
6445 oats	0	---	0	---	---
<b>Subtotal oilseeds</b>	<b>1,045</b>	<b>1</b>	<b>1,044</b>	---	---
6521 peanuts	0	0	---	---	---
6522 soybeans	1,032	1	1,032	---	---
6590 oilseeds nec	13	0	12	---	---
<b>Subtotal vegetable products</b>	<b>252</b>	<b>20</b>	<b>232</b>	---	---
6653 vegetable oils	2	1	1	---	---
6654 vegetables & prod.	250	19	231	---	---
<b>Subtotal processed grain and animal feed</b>	<b>620</b>	<b>3</b>	<b>617</b>	---	---
6746 wheat flour	1	0	1	---	---
6747 grain mill products	11	1	10	---	---
6781 hay & fodder	421	2	419	---	---
6782 animal feed, prep.	187	0	187	---	---
<b>Subtotal other agricultural products</b>	<b>840</b>	<b>101</b>	<b>736</b>	---	<b>2</b>
6811 meat, fresh, frozen	293	2	290	---	---
6817 meat, prepared	3	0	3	---	---
6822 dairy products	20	1	19	---	---
6835 fish, prepared	11	7	3	---	---
6838 tallow, animal oils	76	---	74	---	2
6839 animals & prod. nec	67	2	65	---	---
6856 bananas & plantains	0	0	0	---	---
6857 fruit & nuts nec	135	7	128	---	---
6858 fruit juices	73	60	13	---	---
6861 sugar	0	0	0	---	---
6871 coffee	3	3	0	---	---
6872 cocoa beans	0	0	0	---	---
6885 alcoholic beverages	14	3	11	---	---
6888 water & ice	1	0	1	---	---
6889 food products nec	121	13	107	---	---
6891 tobacco & products	19	0	19	---	---
6893 cotton	0	0	0	---	---
6894 natural fibers nec	1	1	0	---	---
6899 farm products nec	3	0	3	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>2,674</b>	<b>2,486</b>	<b>175</b>	<b>7</b>	<b>5</b>
7110 machinery (not elec)	340	278	59	0	2
7120 electrical machinery	299	286	13	---	---
7210 vehicles & parts	678	639	38	---	0
7220 aircraft & parts	6	6	0	---	---

TACOMA HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
7230 ships & boats	2	1	1	0	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	59	39	10	7	2
7500 textile products	218	204	14	0	—
7600 rubber & plastic pr.	176	168	8	—	—
7900 manufac. prod. nec	895	865	30	—	—
<b>Total unknown or not elsewhere classified</b>	<b>311</b>	<b>189</b>	<b>122</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	311	189	122	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>7,417</b>	<b>2,182</b>	<b>1,877</b>	<b>2,156</b>	<b>695</b>	<b>507</b>
<b>Total petroleum and petroleum products</b>	<b>4,123</b>	<b>1,958</b>	<b>365</b>	<b>892</b>	<b>408</b>	<b>501</b>
<b>Subtotal crude petroleum</b>	<b>1,847</b>	<b>1,847</b>	—	—	—	—
2100 crude petroleum	1,847	1,847	—	—	—	—
<b>Subtotal petroleum products</b>	<b>2,276</b>	<b>111</b>	<b>365</b>	<b>892</b>	<b>408</b>	<b>501</b>
2211 gasoline	308	15	30	231	25	7
2330 distillate fuel oil	568	27	302	127	112	—
2340 residual fuel oil	1,347	46	12	534	263	493
2350 lube oil & greases	21	4	16	0	—	0
2429 naphtha & solvents	12	—	4	—	8	—
2430 asphalt, tar & pitch	19	19	—	—	—	—
2640 liquid natural gas	0	0	—	—	—	—
2990 petro. products nec	0	—	0	—	—	—
<b>Total chemicals and related products</b>	<b>28</b>	<b>6</b>	<b>19</b>	<b>—</b>	<b>3</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>28</b>	<b>6</b>	<b>19</b>	<b>—</b>	<b>3</b>	<b>—</b>
3211 acyclic hydrocarbons	0	0	—	—	—	—
3220 alcohols	3	—	—	—	3	—
3274 sodium hydroxide	3	3	—	—	—	—
3286 plastics	0	0	—	—	—	—
3299 chem. products nec	22	3	19	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,596</b>	<b>0</b>	<b>51</b>	<b>1,263</b>	<b>276</b>	<b>7</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,070</b>	<b>0</b>	<b>51</b>	<b>803</b>	<b>213</b>	<b>3</b>
4161 wood chips	162	—	—	158	2	3
4170 wood in the rough	854	0	—	645	209	—
4189 lumber	54	—	51	0	3	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>460</b>	<b>—</b>	<b>—</b>	<b>460</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	460	—	—	460	—	—
<b>Subtotal iron ore and scrap</b>	<b>66</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>63</b>	<b>4</b>
4420 iron & steel scrap	66	—	—	—	63	4
<b>Total primary manufactured goods</b>	<b>128</b>	<b>4</b>	<b>118</b>	<b>0</b>	<b>5</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>18</b>	<b>—</b>	<b>18</b>	<b>—</b>	<b>—</b>	<b>—</b>
5190 paper products nec	18	—	18	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>56</b>	<b>—</b>	<b>53</b>	<b>0</b>	<b>2</b>	<b>0</b>
5240 glass & glass prod.	2	—	2	—	—	—
5290 misc. mineral prod.	54	—	51	0	2	0
<b>Subtotal primary non-ferrous metal products</b>	<b>44</b>	<b>4</b>	<b>40</b>	<b>—</b>	<b>0</b>	<b>—</b>
5480 fab. metal products	44	4	40	—	0	—
<b>Subtotal primary wood products</b>	<b>9</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>2</b>	<b>—</b>
5540 primary wood prod.	9	—	7	—	2	—
<b>Total food and farm products</b>	<b>342</b>	<b>22</b>	<b>320</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal fish</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
6134 fish (not shellfish)	15	15	0	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
6747 grain mill products	0	—	0	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—
<b>Subtotal other agricultural products</b>	<b>327</b>	<b>7</b>	<b>320</b>	<b>—</b>	<b>—</b>	<b>—</b>
6835 fish, prepared	7	7	—	—	—	—
6885 alcoholic beverages	0	—	0	—	—	—
6887 groceries	320	0	320	—	—	—
6889 food products nec	0	—	0	—	—	—

TACOMA HARBOR, WA  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total all manufactured equipment, machinery and products</b>	<b>1,185</b>	<b>186</b>	<b>995</b>	<b>0</b>	<b>4</b>	<b>0</b>
7110 machinery (not elec)	2	0	2	—	—	—
7120 electrical machinery	0	0	—	—	—	—
7210 vehicles & parts	4	0	2	—	2	—
7220 aircraft & parts	2	—	—	—	2	—
7400 manufac. wood prod.	45	1	43	0	0	0
7500 textile products	1	1	—	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—
7900 manufac. prod. nec	1,131	184	947	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	15	5	10	—	—	—

\*Includes 171,652 tons of foreign inbound in-transits; Includes 196,442 tons of foreign outbound in-transits.

SEATTLE HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	21,693	1996	23,547	1999	25,443	<b>2002</b>	<b>19,591</b>
1994	22,336	1997	26,564	2000	24,156		
1995	26,180	1998	22,594	2001	20,546		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
<b>Total, all commodities</b>	<b>13,470</b>	<b>4,045</b>	<b>5,932</b>	<b>3,390</b>	<b>104</b>
<b>Total coal</b>	<b>166</b>	<b>0</b>	<b>1</b>	<b>166</b>	<b>—</b>
1100 coal lignite	166	0	1	166	—
<b>Total petroleum and petroleum products</b>	<b>240</b>	<b>18</b>	<b>40</b>	<b>110</b>	<b>72</b>
<b>Subtotal crude petroleum</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	0	—	0	—	—
<b>Subtotal petroleum products</b>	<b>240</b>	<b>18</b>	<b>40</b>	<b>110</b>	<b>72</b>
2211 gasoline	29	0	0	—	29
2221 kerosene	56	—	28	—	28
2330 distillate fuel oil	26	—	8	18	—
2340 residual fuel oil	93	17	—	61	15
2350 lube oil & greases	2	0	2	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	33	0	1	31	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	0	0	0	—	—
2640 liquid natural gas	0	0	0	—	—
<b>Total chemicals and related products</b>	<b>493</b>	<b>243</b>	<b>212</b>	<b>32</b>	<b>7</b>
<b>Subtotal fertilizers</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	1	0	1	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	4	1	3	—	—
<b>Subtotal other chemicals and related products</b>	<b>489</b>	<b>241</b>	<b>209</b>	<b>32</b>	<b>7</b>
3211 acyclic hydrocarbons	1	0	1	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	3	1	2	—	—
3220 alcohols	13	8	5	—	—
3230 carboxylic acids	16	10	6	—	—
3240 nitrogen func. comp.	20	14	6	—	—
3250 organo - inorg. comp.	4	3	1	—	—
3260 organic comp. nec	10	3	8	—	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	1	0	1	—	—
3275 inorg. elem., oxides, & halogen salts	38	24	13	0	—
3276 metallic salts	53	50	3	—	—
3279 inorganic chem. nec	5	3	2	—	0
3281 radioactive material	2	0	2	—	—
3282 pigments & paints	14	10	3	—	—
3283 coloring mat. nec	3	2	1	—	—
3284 medicines	16	2	13	—	—
3285 perfumes & cleansers	23	6	17	0	—
3286 plastics	167	84	82	0	0
3291 pesticides	3	0	2	—	—
3292 starches, gluten, glue	22	3	20	—	—
3293 explosives	2	2	0	—	—
3297 chemical additives	5	2	3	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	68	11	18	32	7
<b>Total crude materials, inedible except fuels</b>	<b>3,289</b>	<b>365</b>	<b>665</b>	<b>2,255</b>	<b>4</b>
<b>Subtotal forest products, wood and chips</b>	<b>256</b>	<b>38</b>	<b>205</b>	<b>9</b>	<b>4</b>
4110 rubber & gums	16	14	2	—	—
4150 fuel wood	3	0	1	—	1
4161 wood chips	4	0	0	2	1
4170 wood in the rough	37	1	36	—	—
4189 lumber	193	20	166	6	1
4190 forest products nec	3	2	1	0	—
<b>Subtotal pulp and waste paper</b>	<b>379</b>	<b>0</b>	<b>379</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	379	0	379	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,556</b>	<b>308</b>	<b>7</b>	<b>2,241</b>	<b>—</b>
4310 building stone	19	7	4	8	—
4322 limestone	1,719	0	0	1,719	—
4323 gypsum	350	292	1	58	—
4331 sand & gravel	468	9	2	457	—

SEATTLE HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
<b>Subtotal iron ore and scrap</b>	<b>4</b>	<b>0</b>	<b>4</b>	---	---
4410 iron ore	0	---	0	---	---
4420 iron & steel scrap	4	0	4	---	---
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	---	---	---
4515 marine shells	0	0	---	---	---
<b>Subtotal non-ferrous ores and scrap</b>	<b>18</b>	<b>4</b>	<b>13</b>	---	---
4630 copper ore	1	---	1	---	---
4650 aluminum ore	5	4	1	---	---
4680 non-ferrous scrap	12	0	11	---	---
4690 non-ferrous ores nec	0	0	0	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>43</b>	<b>1</b>	<b>41</b>	---	---
4741 sulphur, (dry)	1	0	1	---	---
4782 clay & refrac. mat.	41	1	40	---	---
<b>Subtotal slag</b>	<b>12</b>	<b>12</b>	---	---	---
4860 slag	12	12	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>21</b>	<b>1</b>	<b>15</b>	<b>4</b>	---
4900 non-metal. min. nec	21	1	15	4	---
<b>Total primary manufactured goods</b>	<b>2,045</b>	<b>786</b>	<b>436</b>	<b>805</b>	<b>17</b>
<b>Subtotal paper products</b>	<b>377</b>	<b>81</b>	<b>297</b>	<b>0</b>	---
5110 newsprint	27	0	27	---	---
5120 paper & paperboard	308	64	244	---	---
5190 paper products nec	42	16	26	0	---
<b>Subtotal lime, cement and glass</b>	<b>1,047</b>	<b>304</b>	<b>54</b>	<b>671</b>	<b>17</b>
5210 lime	0	---	0	---	---
5220 cement & concrete	883	195	0	671	17
5240 glass & glass prod.	57	42	15	0	0
5290 misc. mineral prod.	107	67	40	0	---
<b>Subtotal primary iron and steel products</b>	<b>71</b>	<b>63</b>	<b>6</b>	<b>2</b>	---
5312 pig iron	3	2	0	---	---
5315 ferro alloys	3	2	1	---	---
5320 i&s primary forms	6	4	2	---	---
5330 i&s plates & sheets	19	16	1	2	---
5360 i&s bars & shapes	8	8	0	0	---
5370 i&s pipe & tube	22	22	0	---	---
5390 primary i&s nec	9	9	0	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>521</b>	<b>322</b>	<b>68</b>	<b>132</b>	<b>0</b>
5421 copper	7	6	1	---	---
5422 aluminum	12	6	6	0	---
5429 smelted prod. nec	172	6	35	132	---
5480 fab. metal products	330	304	26	0	0
<b>Subtotal primary wood products</b>	<b>28</b>	<b>16</b>	<b>11</b>	<b>0</b>	---
5540 primary wood prod.	28	16	11	0	---
<b>Total food and farm products</b>	<b>4,566</b>	<b>310</b>	<b>4,251</b>	<b>2</b>	<b>3</b>
<b>Subtotal fish</b>	<b>134</b>	<b>37</b>	<b>95</b>	<b>0</b>	<b>2</b>
6134 fish (not shellfish)	118	25	91	0	2
6136 shellfish	16	12	4	0	0
<b>Subtotal grain</b>	<b>1,034</b>	<b>17</b>	<b>1,016</b>	---	---
6241 wheat	33	---	33	---	---
6344 corn	885	0	885	---	---
6442 rice	17	17	0	---	---
6443 barley & rye	0	---	0	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	97	---	97	---	---
<b>Subtotal oilseeds</b>	<b>1,075</b>	<b>5</b>	<b>1,069</b>	---	---
6521 peanuts	0	0	---	---	---
6522 soybeans	1,052	0	1,052	---	---
6534 flaxseed	0	0	0	---	---
6590 oilseeds nec	23	5	18	---	---
<b>Subtotal vegetable products</b>	<b>370</b>	<b>16</b>	<b>354</b>	---	<b>0</b>
6653 vegetable oils	4	1	3	---	0
6654 vegetables & prod.	365	14	351	---	0
<b>Subtotal processed grain and animal feed</b>	<b>951</b>	<b>13</b>	<b>939</b>	<b>0</b>	<b>0</b>
6746 wheat flour	4	0	4	---	---
6747 grain mill products	14	1	12	0	---
6781 hay & fodder	628	2	626	---	0
6782 animal feed, prep.	306	9	297	---	---
<b>Subtotal other agricultural products</b>	<b>1,002</b>	<b>223</b>	<b>778</b>	<b>2</b>	<b>0</b>
6811 meat, fresh, frozen	307	54	253	0	---
6817 meat, prepared	4	0	4	---	---
6822 dairy products	61	0	61	---	---
6835 fish, prepared	23	3	20	---	0
6838 tallow, animal oils	1	---	1	0	---
6839 animals & prod. nec	116	10	105	---	0
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	174	35	139	0	0
6858 fruit juices	37	19	18	0	---
6861 sugar	0	0	0	---	---
6865 molasses	23	23	0	---	---
6871 coffee	29	27	1	1	---
6872 cocoa beans	4	4	---	---	---
6885 alcoholic beverages	40	14	25	0	0
6888 water & ice	5	4	1	---	---
6889 food products nec	147	23	123	0	0
6891 tobacco & products	2	2	0	---	---

SEATTLE HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6893 cotton	4	0	4	—	—
6894 natural fibers nec	2	1	0	—	—
6899 farm products nec	23	2	21	0	0
<b>Total all manufactured equipment, machinery and products</b>	<b>2,418</b>	<b>2,146</b>	<b>256</b>	<b>15</b>	<b>2</b>
7110 machinery (not elec)	286	208	64	13	1
7120 electrical machinery	343	313	30	0	—
7210 vehicles & parts	254	219	35	0	0
7220 aircraft & parts	5	4	1	0	—
7230 ships & boats	7	5	2	0	0
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	40	30	10	0	0
7500 textile products	300	275	25	0	0
7600 rubber & plastic pr.	218	201	17	0	0
7900 manufac. prod. nec	964	891	72	1	0
<b>Total unknown or not elsewhere classified</b>	<b>253</b>	<b>176</b>	<b>72</b>	<b>5</b>	<b>0</b>
9900 unknown or nec	253	176	72	5	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>6,121</b>	<b>379</b>	<b>1,165</b>	<b>3,466</b>	<b>495</b>	<b>615</b>
<b>Total coal</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
1100 coal lignite	0	—	—	0	0	—
<b>Total petroleum and petroleum products</b>	<b>2,281</b>	<b>214</b>	<b>418</b>	<b>985</b>	<b>197</b>	<b>466</b>
<b>Subtotal crude petroleum</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>—</b>
2100 crude petroleum	1	—	0	0	1	—
<b>Subtotal petroleum products</b>	<b>2,280</b>	<b>214</b>	<b>418</b>	<b>985</b>	<b>197</b>	<b>466</b>
2211 gasoline	456	12	273	145	26	—
2330 distillate fuel oil	303	11	113	136	32	12
2340 residual fuel oil	1,345	50	12	704	125	453
2350 lube oil & greases	16	14	0	—	1	1
2429 naphtha & solvents	10	10	—	—	0	—
2430 asphalt, tar & pitch	97	74	18	0	5	—
2640 liquid natural gas	3	—	0	0	3	—
2990 petro. products nec	51	44	2	0	5	—
<b>Total chemicals and related products</b>	<b>66</b>	<b>0</b>	<b>51</b>	<b>4</b>	<b>8</b>	<b>3</b>
<b>Subtotal fertilizers</b>	<b>34</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>2</b>	<b>—</b>
3110 nitrogenous fert.	0	—	—	—	0	—
3190 fert. & mixes nec	33	0	32	0	1	—
<b>Subtotal other chemicals and related products</b>	<b>32</b>	<b>0</b>	<b>19</b>	<b>4</b>	<b>6</b>	<b>3</b>
3211 acyclic hydrocarbons	1	—	—	—	1	—
3220 alcohols	11	—	5	3	0	3
3260 organic comp. nec	0	—	—	—	0	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—
3276 metallic salts	4	—	3	0	1	—
3281 radioactive material	0	0	—	—	—	—
3282 pigments & paints	1	0	0	1	0	—
3284 medicines	0	—	—	—	0	—
3285 perfumes & cleansers	1	0	1	—	0	—
3286 plastics	7	—	6	0	0	—
3291 pesticides	0	—	0	—	—	—
3293 explosives	2	—	2	—	0	—
3298 wood & resin chem.	0	—	0	—	—	—
3299 chem. products nec	5	0	1	0	4	—
<b>Total crude materials, inedible except fuels</b>	<b>2,527</b>	<b>6</b>	<b>175</b>	<b>2,324</b>	<b>22</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>179</b>	<b>2</b>	<b>152</b>	<b>11</b>	<b>15</b>	<b>0</b>
4110 rubber & gums	0	—	—	0	0	—
4170 wood in the rough	7	0	0	6	1	—
4189 lumber	169	2	151	4	12	0
4190 forest products nec	3	—	1	0	2	—
<b>Subtotal pulp and waste paper</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
4225 pulp & waste paper	2	2	0	0	0	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,256</b>	<b>—</b>	<b>3</b>	<b>2,249</b>	<b>3</b>	<b>—</b>
4331 sand & gravel	2,251	—	1	2,249	1	—
4338 soil & fill dirt	5	—	2	1	2	—
<b>Subtotal iron ore and scrap</b>	<b>65</b>	<b>1</b>	<b>—</b>	<b>64</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	65	1	—	64	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>7</b>	<b>—</b>	<b>7</b>	<b>0</b>	<b>—</b>	<b>—</b>
4630 copper ore	7	—	7	0	—	—
4680 non-ferrous scrap	0	—	—	0	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
4782 clay & refrac. mat.	0	—	—	0	0	—
<b>Subtotal other non-metal. min.</b>	<b>18</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>—</b>
4900 non-metal. min. nec	18	0	14	0	4	—

SEATTLE HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total primary manufactured goods</b>	<b>405</b>	<b>9</b>	<b>211</b>	<b>13</b>	<b>60</b>	<b>113</b>
<b>Subtotal paper products</b>	<b>57</b>	<b>6</b>	<b>45</b>	<b>1</b>	<b>5</b>	<b>—</b>
5110 newsprint	6	—	5	0	1	—
5120 paper & paperboard	5	0	5	—	—	—
5190 paper products nec	46	6	35	1	5	—
<b>Subtotal lime, cement and glass</b>	<b>252</b>	<b>1</b>	<b>105</b>	<b>3</b>	<b>31</b>	<b>113</b>
5210 lime	11	—	10	—	1	—
5220 cement & concrete	138	1	5	0	20	112
5240 glass & glass prod.	3	—	1	0	2	—
5290 misc. mineral prod.	99	0	89	3	8	0
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>—</b>
5370 i&s pipe & tube	1	—	0	0	1	—
5390 primary i&s nec	0	—	—	—	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>88</b>	<b>2</b>	<b>58</b>	<b>7</b>	<b>21</b>	<b>—</b>
5421 copper	0	—	—	—	0	—
5480 fab. metal products	88	2	58	7	21	—
<b>Subtotal primary wood products</b>	<b>6</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>—</b>
5540 primary wood prod.	6	—	2	2	2	—
<b>Total food and farm products</b>	<b>440</b>	<b>102</b>	<b>137</b>	<b>93</b>	<b>80</b>	<b>28</b>
<b>Subtotal fish</b>	<b>121</b>	<b>45</b>	<b>4</b>	<b>71</b>	<b>1</b>	<b>0</b>
6134 fish (not shellfish)	119	45	4	69	1	0
6136 shellfish	1	0	—	1	—	—
<b>Subtotal grain</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
6442 rice	0	—	0	—	—	—
<b>Subtotal vegetable products</b>	<b>35</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>—</b>
6654 vegetables & prod.	35	0	35	0	0	—
<b>Subtotal processed grain and animal feed</b>	<b>53</b>	<b>0</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>—</b>
6746 wheat flour	3	—	3	—	—	—
6747 grain mill products	1	—	1	0	0	—
6781 hay & fodder	1	—	1	—	—	—
6782 animal feed, prep.	48	0	48	—	0	—
<b>Subtotal other agricultural products</b>	<b>231</b>	<b>56</b>	<b>46</b>	<b>22</b>	<b>79</b>	<b>28</b>
6811 meat, fresh, frozen	2	0	2	0	0	—
6822 dairy products	0	0	0	—	—	—
6835 fish, prepared	27	14	0	13	0	—
6839 animals & prod. nec	1	1	0	—	—	—
6857 fruit & nuts nec	4	2	2	—	—	—
6858 fruit juices	13	13	0	0	0	—
6861 sugar	0	—	0	—	—	—
6865 molasses	53	25	—	—	—	28
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	30	—	11	8	11	—
6887 groceries	60	0	6	1	54	—
6888 water & ice	0	—	—	0	—	—
6889 food products nec	36	0	22	0	13	—
6899 farm products nec	3	1	2	—	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>382</b>	<b>48</b>	<b>173</b>	<b>28</b>	<b>128</b>	<b>5</b>
7110 machinery (not elec)	45	25	13	3	4	0
7120 electrical machinery	5	0	1	0	4	—
7210 vehicles & parts	35	7	14	6	9	—
7220 aircraft & parts	2	0	0	0	2	0
7230 ships & boats	2	0	0	0	1	—
7300 ordnance & access.	0	—	—	—	0	—
7400 manufac. wood prod.	60	0	41	2	16	0
7500 textile products	1	0	0	0	0	—
7600 rubber & plastic pr.	1	0	0	0	1	—
7900 manufac. prod. nec	231	16	104	16	91	4
<b>Total waste and scrap nec</b>	<b>20</b>	<b>0</b>	<b>—</b>	<b>20</b>	<b>—</b>	<b>0</b>
8900 waste and scrap nec	20	0	—	20	—	0
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	0	0	—	—	—	—

\*Includes 294,085 tons of foreign inbound in-transits; Includes 95,404 tons of foreign outbound in-transits;  
Includes 183 tons of Canadian inbound in-transits; Includes 833 tons of Canadian outbound in-transits.

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

Section Included: As described under Seattle Harbor, WA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,919	1996	1,316	1999	1,594	<b>2002</b>	<b>1,013</b>
1994	1,365	1997	1,496	2000	1,566		
1995	1,555	1998	1,679	2001	695		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd
<b>Total, all commodities</b>	<b>1,013</b>	<b>27</b>	<b>39</b>	<b>944</b>	<b>3</b>
<b>Total petroleum and petroleum products</b>	<b>2</b>	<b>—</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>Subtotal petroleum products</b>	<b>2</b>	<b>—</b>	<b>0</b>	<b>2</b>	<b>0</b>
2330 distillate fuel oil	1	—	—	1	—
2340 residual fuel oil	1	—	—	1	0
2350 lube oil & greases	0	—	0	—	—
<b>Total crude materials, inedible except fuels</b>	<b>951</b>	<b>0</b>	<b>7</b>	<b>942</b>	<b>2</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
4189 lumber	0	0	0	0	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>944</b>	<b>—</b>	<b>—</b>	<b>942</b>	<b>2</b>
4331 sand & gravel	942	—	—	942	—
4338 soil & fill dirt	2	—	—	—	2
<b>Subtotal other non-metal. min.</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>—</b>	<b>0</b>
4900 non-metal. min. nec	7	0	7	—	0
<b>Total primary manufactured goods</b>	<b>17</b>	<b>1</b>	<b>16</b>	<b>0</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>—</b>	<b>0</b>
5190 paper products nec	7	0	7	—	0
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5290 misc. mineral prod.	0	—	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>11</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>0</b>
5480 fab. metal products	11	1	9	0	0
<b>Total food and farm products</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>1</b>	<b>0</b>
<b>Subtotal fish</b>	<b>29</b>	<b>26</b>	<b>3</b>	<b>1</b>	<b>—</b>
6134 fish (not shellfish)	29	26	3	1	—
6136 shellfish	0	0	—	—	—
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>0</b>
6654 vegetables & prod.	0	0	0	—	0
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>—</b>	<b>0</b>
6811 meat, fresh, frozen	0	—	0	—	0
6858 fruit juices	0	0	0	—	0
6887 groceries	0	—	0	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>13</b>	<b>0</b>	<b>12</b>	<b>—</b>	<b>1</b>
7110 machinery (not elec)	1	—	0	—	0
7210 vehicles & parts	0	0	—	—	—
7230 ships & boats	0	—	0	—	—
7400 manufac. wood prod.	0	—	0	—	—
7900 manufac. prod. nec	12	0	11	—	0

EVERETT HARBOR AND SNOHOMISH RIVER, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	4,714	1996	4,007	1999	3,815	<b>2002</b>	<b>3,009</b>
1994	4,192	1997	3,640	2000	3,457		
1995	4,441	1998	3,321	2001	2,868		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>504</b>	<b>7</b>	<b>52</b>	<b>190</b>	<b>254</b>
<b>Total chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
3220 alcohols	0	0	---	---	---
3230 carboxylic acids	0	0	---	---	---
3240 nitrogen func. comp.	0	0	---	---	---
3250 organo - inorg. comp.	0	0	---	---	---
3272 sulphuric acid	0	0	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---
3282 pigments & paints	0	0	---	---	---
3284 medicines	0	0	---	---	---
3286 plastics	0	0	---	---	---
3293 explosives	0	0	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>453</b>	<b>0</b>	<b>52</b>	<b>160</b>	<b>241</b>
<b>Subtotal forest products, wood and chips</b>	<b>453</b>	<b>---</b>	<b>52</b>	<b>160</b>	<b>241</b>
4150 fuel wood	119	---	---	12	107
4161 wood chips	251	---	---	137	114
4170 wood in the rough	56	---	49	1	5
4189 lumber	27	---	3	9	15
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
4331 sand & gravel	0	0	---	---	---
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
4650 aluminum ore	0	0	---	---	---
<b>Total primary manufactured goods</b>	<b>44</b>	<b>1</b>	<b>---</b>	<b>31</b>	<b>13</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
5120 paper & paperboard	0	0	---	---	---
5190 paper products nec	0	0	---	---	---
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
5240 glass & glass prod.	0	0	---	---	---
5290 misc. mineral prod.	0	0	---	---	---
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
5330 i&s plates & sheets	0	0	---	---	---
5370 i&s pipe & tube	0	0	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>31</b>	<b>0</b>	<b>---</b>	<b>31</b>	<b>---</b>
5422 aluminum	0	0	---	---	---
5429 smelted prod. nec	31	---	---	31	---
5480 fab. metal products	0	0	---	---	---
<b>Subtotal primary wood products</b>	<b>13</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>13</b>
5540 primary wood prod.	13	---	---	---	13
<b>Total food and farm products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
6653 vegetable oils	0	0	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>---</b>	<b>---</b>
7110 machinery (not elec)	2	2	0	---	---
7120 electrical machinery	1	1	---	---	---
7210 vehicles & parts	2	2	---	---	---
7220 aircraft & parts	1	1	---	---	---
7230 ships & boats	0	0	---	---	---
7500 textile products	0	0	---	---	---
7600 rubber & plastic pr.	1	1	---	---	---
7900 manufac. prod. nec	0	0	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>
9900 unknown or nec	0	0	0	---	---

EVERETT HARBOR AND SNOHOMISH RIVER, WA  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise	Internal		
		Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>2,505</b>	<b>3</b>	<b>1,474</b>	<b>1,009</b>	<b>18</b>
<b>Total petroleum and petroleum products</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
2330 distillate fuel oil	0	—	0	—	—
2340 residual fuel oil	2	—	2	—	—
<b>Total crude materials, inedible except fuels</b>	<b>2,495</b>	<b>3</b>	<b>1,468</b>	<b>1,005</b>	<b>18</b>
<b>Subtotal forest products, wood and chips</b>	<b>2,093</b>	<b>3</b>	<b>1,067</b>	<b>1,005</b>	<b>18</b>
4161 wood chips	72	—	20	53	—
4170 wood in the rough	2,021	3	1,047	953	18
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>401</b>	<b>—</b>	<b>401</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	401	—	401	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>0</b>	<b>—</b>
7210 vehicles & parts	0	—	0	—	—
7220 aircraft & parts	4	—	4	0	—
<b>Total unknown or not elsewhere classified</b>	<b>4</b>	<b>—</b>	<b>0</b>	<b>4</b>	<b>—</b>
9900 unknown or nec	4	—	0	4	—

\*Includes 1,155 tons of foreign inbound in-transits.

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 mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	13,124	1996	13,844	1999	16,232	<b>2002</b>	<b>15,363</b>
1994	12,950	1997	13,904	2000	18,005		
1995	13,110	1998	11,948	2001	16,769		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>2,572</b>	<b>1,254</b>	<b>290</b>	<b>457</b>	<b>571</b>
<b>Total coal</b>	<b>7</b>	—	—	—	<b>7</b>
1200 coal coke	7	—	—	—	7
<b>Total petroleum and petroleum products</b>	<b>2,097</b>	<b>1,254</b>	<b>243</b>	<b>42</b>	<b>557</b>
<b>Subtotal crude petroleum</b>	<b>1,236</b>	<b>1,236</b>	—	—	—
2100 crude petroleum	1,236	1,236	—	—	—
<b>Subtotal petroleum products</b>	<b>861</b>	<b>18</b>	<b>243</b>	<b>42</b>	<b>557</b>
2211 gasoline	34	18	—	—	16
2221 kerosene	80	—	—	—	80
2330 distillate fuel oil	124	—	101	17	5
2340 residual fuel oil	301	—	52	25	225
2350 lube oil & greases	10	—	10	—	—
2429 naphtha & solvents	37	—	27	—	11
2540 petroleum coke	275	—	54	—	221
<b>Total chemicals and related products</b>	<b>41</b>	<b>0</b>	<b>20</b>	<b>21</b>	—
<b>Subtotal other chemicals and related products</b>	<b>41</b>	<b>0</b>	<b>20</b>	<b>21</b>	—
3211 acyclic hydrocarbons	9	—	9	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—
3297 chemical additives	4	—	—	4	—
3298 wood & resin chem.	17	—	—	17	—
3299 chem. products nec	11	—	11	—	—
<b>Total crude materials, inedible except fuels</b>	<b>421</b>	—	<b>24</b>	<b>391</b>	<b>6</b>
<b>Subtotal forest products, wood and chips</b>	<b>421</b>	—	<b>24</b>	<b>391</b>	<b>6</b>
4161 wood chips	45	—	—	42	3
4170 wood in the rough	375	—	24	347	3
4189 lumber	1	—	—	1	—
<b>Total primary manufactured goods</b>	<b>0</b>	—	—	<b>0</b>	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	—	—	<b>0</b>	—
5480 fab. metal products	0	—	—	0	—
<b>Total food and farm products</b>	<b>2</b>	—	<b>2</b>	<b>0</b>	—
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	—	—	<b>0</b>	—
6782 animal feed, prep.	0	—	—	0	—
<b>Subtotal other agricultural products</b>	<b>2</b>	—	<b>2</b>	—	—
6838 tallow, animal oils	2	—	2	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>3</b>	—	—	<b>3</b>	—
7110 machinery (not elec)	0	—	—	0	—
7400 manufac. wood prod.	3	—	—	3	—
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	—	<b>1</b>	<b>0</b>	—
9900 unknown or nec	1	—	1	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>12,791</b>	<b>10,126</b>	<b>1,388</b>	<b>213</b>	<b>1,012</b>	<b>52</b>
<b>Total petroleum and petroleum products</b>	<b>12,760</b>	<b>10,126</b>	<b>1,383</b>	<b>194</b>	<b>1,005</b>	<b>52</b>
<b>Subtotal crude petroleum</b>	<b>9,447</b>	<b>9,447</b>	—	—	—	—
2100 crude petroleum	9,447	9,447	—	—	—	—
<b>Subtotal petroleum products</b>	<b>3,313</b>	<b>679</b>	<b>1,383</b>	<b>194</b>	<b>1,005</b>	<b>52</b>
2211 gasoline	1,049	127	624	21	276	—
2330 distillate fuel oil	1,143	290	554	100	154	45
2340 residual fuel oil	877	104	126	65	575	7
2350 lube oil & greases	89	47	41	0	0	0
2429 naphtha & solvents	35	28	—	8	—	—
2540 petroleum coke	36	—	36	—	—	—
2640 liquid natural gas	0	—	—	—	0	—
2990 petro. products nec	84	84	—	—	—	—

ANACORTES HARBOR, WA  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total chemicals and related products</b>	<b>5</b>	---	<b>5</b>	---	---	---
<b>Subtotal other chemicals and related products</b>	<b>5</b>	---	<b>5</b>	---	---	---
3220 alcohols	5	---	5	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>22</b>	---	---	<b>19</b>	<b>3</b>	---
<b>Subtotal forest products, wood and chips</b>	<b>22</b>	---	---	<b>19</b>	<b>3</b>	---
4170 wood in the rough	21	---	---	19	3	---
4189 lumber	1	---	---	---	1	---
<b>Total primary manufactured goods</b>	<b>1</b>	---	---	---	<b>1</b>	---
<b>Subtotal lime, cement and glass</b>	<b>0</b>	---	---	---	<b>0</b>	---
5290 misc. mineral prod.	0	---	---	---	0	---
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	---	---	---	<b>0</b>	---
5480 fab. metal products	0	---	---	---	0	---
<b>Total food and farm products</b>	<b>0</b>	---	---	---	<b>0</b>	---
<b>Subtotal fish</b>	<b>0</b>	---	---	---	<b>0</b>	---
6134 fish (not shellfish)	0	---	---	---	0	---
<b>Total all manufactured equipment, machinery and products</b>	<b>3</b>	---	---	<b>0</b>	<b>2</b>	---
7110 machinery (not elec)	2	---	---	0	1	---
7210 vehicles & parts	0	---	---	---	0	---
7400 manufac. wood prod.	1	---	---	---	1	---
<b>Total waste and scrap nec</b>	<b>1</b>	---	---	---	<b>1</b>	---
8900 waste and scrap nec	1	---	---	---	1	---

BELLINGHAM BAY AND HARBOR, WA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,223	1996	1,419	1999	1,526	<b>2002</b>	<b>250</b>
1994	1,343	1997	1,555	2000	541		
1995	1,291	1998	1,244	2001	289		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>200</b>	<b>131</b>	<b>8</b>	<b>24</b>	<b>37</b>
<b>Total petroleum and petroleum products</b>	<b>174</b>	<b>130</b>	<b>---</b>	<b>7</b>	<b>37</b>
<b>Subtotal crude petroleum</b>	<b>130</b>	<b>130</b>	<b>---</b>	<b>---</b>	<b>---</b>
2100 crude petroleum	130	130	---	---	---
<b>Subtotal petroleum products</b>	<b>44</b>	<b>---</b>	<b>---</b>	<b>7</b>	<b>37</b>
2221 kerosene	37	---	---	---	37
2330 distillate fuel oil	7	---	---	7	---
<b>Total chemicals and related products</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>3</b>	<b>---</b>
<b>Subtotal other chemicals and related products</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>3</b>	<b>---</b>
3297 chemical additives	3	---	---	3	---
<b>Total crude materials, inedible except fuels</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>14</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>14</b>	<b>---</b>
4323 gypsum	11	---	---	11	---
4331 sand & gravel	3	---	---	3	---
<b>Total primary manufactured goods</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>
5120 paper & paperboard	0	---	---	---	0
<b>Total food and farm products</b>	<b>9</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>---</b>
<b>Subtotal fish</b>	<b>1</b>	<b>0</b>	<b>---</b>	<b>0</b>	<b>---</b>
6134 fish (not shellfish)	1	0	---	0	---
<b>Subtotal vegetable products</b>	<b>4</b>	<b>---</b>	<b>4</b>	<b>---</b>	<b>---</b>
6654 vegetables & prod.	4	---	4	---	---
<b>Subtotal other agricultural products</b>	<b>4</b>	<b>---</b>	<b>4</b>	<b>---</b>	<b>---</b>
6811 meat, fresh, frozen	4	---	4	---	---
6817 meat, prepared	0	---	0	---	---
6822 dairy products	0	---	0	---	---
6857 fruit & nuts nec	0	---	0	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>---</b>
7110 machinery (not elec)	0	---	0	0	---
7900 manufac. prod. nec	0	0	---	---	---

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>50</b>	<b>20</b>	<b>1</b>	<b>27</b>	<b>2</b>
<b>Total petroleum and petroleum products</b>	<b>18</b>	<b>17</b>	<b>---</b>	<b>1</b>	<b>---</b>
<b>Subtotal petroleum products</b>	<b>18</b>	<b>17</b>	<b>---</b>	<b>1</b>	<b>---</b>
2211 gasoline	0	---	---	0	---
2330 distillate fuel oil	17	17	---	---	---
2340 residual fuel oil	1	---	---	1	---
2350 lube oil & greases	0	---	---	0	---
<b>Total crude materials, inedible except fuels</b>	<b>25</b>	<b>---</b>	<b>0</b>	<b>25</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>
4189 lumber	0	---	---	---	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>25</b>	<b>---</b>	<b>---</b>	<b>25</b>	<b>---</b>
4331 sand & gravel	25	---	---	25	---
<b>Subtotal other non-metal. min.</b>	<b>0</b>	<b>---</b>	<b>0</b>	<b>0</b>	<b>---</b>
4900 non-metal. min. nec	0	---	0	0	---
<b>Total primary manufactured goods</b>	<b>3</b>	<b>---</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>---</b>	<b>0</b>	<b>0</b>	<b>---</b>
5190 paper products nec	0	---	0	0	---
<b>Subtotal lime, cement and glass</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>2</b>
5290 misc. mineral prod.	2	---	---	1	2
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>---</b>	<b>0</b>	<b>0</b>	<b>0</b>
5480 fab. metal products	1	---	0	0	0

BELLINGHAM BAY AND HARBOR, WA  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total food and farm products</b>	<b>3</b>	<b>3</b>	---	---	---
<b>Subtotal fish</b>	<b>3</b>	<b>3</b>	---	---	---
6134 fish (not shellfish)	3	3	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	---	<b>0</b>	<b>0</b>	<b>0</b>
7210 vehicles & parts	0	---	---	0	---
7400 manufac. wood prod.	0	---	---	---	0
7900 manufac. prod. nec	0	---	0	0	---

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	51,243	1996	51,181	1999	50,733	<b>2002</b>	<b>45,027</b>
1994	50,912	1997	52,722	2000	55,193		
1995	57,124	1998	49,076	2001	50,348		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
<b>Total, all commodities</b>	<b>29,521</b>	<b>1,431</b>	<b>12,423</b>	<b>3,301</b>	<b>11,364</b>	<b>218</b>	<b>18</b>	<b>765</b>	<b>1</b>
<b>Total coal</b>	<b>7</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal lignite	7	7	—	—	—	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>1,795</b>	<b>47</b>	<b>870</b>	<b>524</b>	<b>72</b>	<b>25</b>	<b>18</b>	<b>240</b>	<b>—</b>
<b>Subtotal crude petroleum</b>	<b>264</b>	<b>—</b>	<b>—</b>	<b>264</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	264	—	—	264	—	—	—	—	—
<b>Subtotal petroleum products</b>	<b>1,531</b>	<b>47</b>	<b>870</b>	<b>260</b>	<b>72</b>	<b>25</b>	<b>18</b>	<b>240</b>	<b>—</b>
2211 gasoline	320	38	—	215	—	—	—	66	—
2221 kerosene	4	—	—	—	—	—	—	4	—
2330 distillate fuel oil	110	—	—	—	—	25	—	85	—
2340 residual fuel oil	119	—	—	35	—	—	—	84	—
2350 lube oil & greases	0	—	—	0	0	—	—	—	—
2410 petro. jelly & waxes	0	—	—	0	0	—	—	—	—
2429 naphtha & solvents	1	—	—	—	1	—	—	—	—
2430 asphalt, tar & pitch	19	9	—	10	—	—	—	—	—
2540 petroleum coke	958	—	870	—	71	—	18	—	—
<b>Total chemicals and related products</b>	<b>5,230</b>	<b>270</b>	<b>439</b>	<b>305</b>	<b>4,020</b>	<b>144</b>	<b>—</b>	<b>54</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>1,634</b>	<b>66</b>	<b>49</b>	<b>151</b>	<b>1,357</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>—</b>
3110 nitrogenous fert.	223	60	—	151	—	—	—	12	—
3120 phosphatic fert.	0	—	—	—	0	—	—	—	—
3130 potassic fert.	1,397	—	49	—	1,349	—	—	—	—
3190 fert. & mixes nec	14	6	—	0	8	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,596</b>	<b>204</b>	<b>390</b>	<b>153</b>	<b>2,663</b>	<b>144</b>	<b>—</b>	<b>42</b>	<b>—</b>
3212 benzene & toluene	55	54	—	0	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	0	—	—	—	—
3220 alcohols	83	—	—	82	1	—	—	—	—
3230 carboxylic acids	5	—	—	0	5	—	—	—	—
3240 nitrogen func. comp.	0	—	—	—	0	—	—	—	—
3250 organo - inorg. comp.	0	—	—	0	0	—	—	—	—
3260 organic comp. nec	4	—	—	1	3	—	—	—	—
3272 sulphuric acid	0	—	—	—	0	—	—	—	—
3273 ammonia	71	—	—	46	0	—	—	25	—
3274 sodium hydroxide	174	149	—	—	0	24	—	—	—
3275 inorg. elem., oxides, & halogen salts	42	—	—	3	39	—	—	—	—
3276 metallic salts	2,593	—	73	2	2,518	—	—	—	—
3279 inorganic chem. nec	3	—	2	1	0	—	—	—	—
3282 pigments & paints	8	—	—	7	1	—	—	—	—
3283 coloring mat. nec	0	—	—	—	0	—	—	—	—
3284 medicines	0	—	—	0	0	—	—	—	—
3285 perfumes & cleansers	6	—	3	0	2	—	—	—	—
3286 plastics	25	—	—	7	18	—	—	—	—
3291 pesticides	0	—	—	0	0	—	—	—	—
3292 starches, gluten, glue	510	—	312	1	74	120	—	5	—
3293 explosives	1	—	—	1	—	—	—	—	—
3297 chemical additives	0	—	—	—	0	—	—	—	—
3298 wood & resin chem.	12	—	—	—	—	—	—	12	—
3299 chem. products nec	3	—	—	1	2	—	—	0	—
<b>Total crude materials, inedible except fuels</b>	<b>3,668</b>	<b>490</b>	<b>1,942</b>	<b>272</b>	<b>448</b>	<b>48</b>	<b>—</b>	<b>467</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,983</b>	<b>17</b>	<b>1,590</b>	<b>189</b>	<b>99</b>	<b>48</b>	<b>—</b>	<b>40</b>	<b>—</b>
4110 rubber & gums	0	—	—	0	0	—	—	—	—
4150 fuel wood	5	—	0	—	2	3	—	—	—
4161 wood chips	65	—	—	—	0	32	—	32	—
4170 wood in the rough	1,641	0	1,568	50	4	12	—	7	—
4189 lumber	272	17	22	139	93	1	—	—	—
4190 forest products nec	0	—	—	0	0	—	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>221</b>	<b>40</b>	<b>64</b>	<b>0</b>	<b>116</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	221	40	64	0	116	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>868</b>	<b>433</b>	<b>—</b>	<b>6</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>428</b>	<b>0</b>
4310 building stone	6	—	—	6	0	—	—	—	0

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
4322 limestone	428	—	—	—	0	—	—	428	—
4323 gypsum	433	433	—	—	—	—	—	—	—
4331 sand & gravel	1	—	—	0	1	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>272</b>	<b>—</b>	<b>—</b>	<b>76</b>	<b>195</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4410 iron ore	76	—	—	76	—	—	—	—	—
4420 iron & steel scrap	195	—	—	—	195	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	0	—	—	0	0	—	—	—	—
4680 non-ferrous scrap	15	—	—	—	15	—	—	—	—
4690 non-ferrous ores nec	0	—	—	0	0	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>289</b>	<b>—</b>	<b>280</b>	<b>0</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4741 sulphur, (dry)	0	—	—	0	—	—	—	—	—
4782 clay & refrac. mat.	289	—	280	0	9	—	—	—	—
<b>Subtotal slag</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	0	—	—	—	0	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>19</b>	<b>—</b>	<b>7</b>	<b>0</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	19	—	7	0	12	—	—	—	—
<b>Total primary manufactured goods</b>	<b>2,551</b>	<b>483</b>	<b>339</b>	<b>1,361</b>	<b>366</b>	<b>1</b>	<b>—</b>	<b>3</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>560</b>	<b>2</b>	<b>332</b>	<b>12</b>	<b>214</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5110 newsprint	332	2	330	—	0	—	—	—	—
5120 paper & paperboard	201	0	2	9	191	—	—	—	—
5190 paper products nec	26	—	—	3	24	—	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>552</b>	<b>0</b>	<b>—</b>	<b>501</b>	<b>51</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>
5220 cement & concrete	481	—	—	481	0	—	—	—	—
5240 glass & glass prod.	20	0	—	3	16	—	—	1	—
5290 misc. mineral prod.	52	—	—	18	34	—	—	0	—
<b>Subtotal primary iron and steel products</b>	<b>1,151</b>	<b>430</b>	<b>—</b>	<b>719</b>	<b>2</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>—</b>
5312 pig iron	0	—	—	0	—	—	—	0	—
5315 ferro alloys	17	3	—	14	—	—	—	—	—
5320 i&s primary forms	605	60	—	543	1	1	—	—	—
5330 i&s plates & sheets	321	287	—	34	1	—	—	—	—
5360 i&s bars & shapes	25	21	—	4	0	—	—	—	—
5370 i&s pipe & tube	63	56	—	7	0	—	—	—	—
5390 primary i&s nec	120	3	—	117	0	—	—	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>196</b>	<b>17</b>	<b>7</b>	<b>98</b>	<b>72</b>	<b>0</b>	<b>—</b>	<b>2</b>	<b>0</b>
5421 copper	7	—	6	0	0	—	—	—	—
5422 aluminum	13	6	—	7	0	0	—	—	—
5429 smelted prod. nec	64	—	—	2	62	—	—	—	—
5480 fab. metal products	111	11	0	88	10	—	—	2	0
<b>Subtotal primary wood products</b>	<b>92</b>	<b>34</b>	<b>0</b>	<b>31</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5540 primary wood prod.	92	34	0	31	27	—	—	—	—
<b>Total food and farm products</b>	<b>15,261</b>	<b>29</b>	<b>8,830</b>	<b>52</b>	<b>6,349</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>1</b>
<b>Subtotal fish</b>	<b>13</b>	<b>0</b>	<b>—</b>	<b>2</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6134 fish (not shellfish)	12	0	—	0	12	—	—	—	—
6136 shellfish	2	—	—	2	0	—	—	—	—
<b>Subtotal grain</b>	<b>12,083</b>	<b>—</b>	<b>6,823</b>	<b>0</b>	<b>5,260</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6241 wheat	10,131	—	5,092	0	5,039	—	—	—	—
6344 corn	1,540	—	1,492	0	48	—	—	—	—
6442 rice	0	—	—	0	—	—	—	—	—
6443 barley & rye	395	—	222	0	173	—	—	—	—
6445 oats	0	—	—	—	0	—	—	—	—
6447 sorghum grains	17	—	17	—	—	—	—	—	—
<b>Subtotal oilseeds</b>	<b>1,824</b>	<b>29</b>	<b>1,728</b>	<b>0</b>	<b>67</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6522 soybeans	1,432	—	1,426	0	7	—	—	—	—
6590 oilseeds nec	392	29	303	0	60	—	—	—	—
<b>Subtotal vegetable products</b>	<b>235</b>	<b>—</b>	<b>4</b>	<b>7</b>	<b>223</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>
6653 vegetable oils	2	—	—	2	0	—	—	—	0
6654 vegetables & prod.	233	—	4	5	223	—	—	0	0
<b>Subtotal processed grain and animal feed</b>	<b>944</b>	<b>—</b>	<b>269</b>	<b>9</b>	<b>666</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6746 wheat flour	4	—	0	—	4	—	—	—	—
6747 grain mill products	22	—	—	0	22	—	—	—	—
6781 hay & fodder	534	—	17	2	514	—	—	—	—
6782 animal feed, prep.	383	—	252	6	125	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>161</b>	<b>0</b>	<b>5</b>	<b>33</b>	<b>122</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>1</b>
6811 meat, fresh, frozen	13	—	—	1	11	—	—	—	—
6817 meat, prepared	18	—	—	—	18	—	—	—	—
6822 dairy products	23	—	—	0	23	—	—	—	—
6835 fish, prepared	2	—	—	1	0	—	—	—	0
6839 animals & prod. nec	8	—	—	0	8	—	—	—	—
6856 bananas & plantains	0	—	—	0	—	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
6857 fruit & nuts nec	17	—	—	0	17	—	—	—	—
6858 fruit juices	10	—	—	4	6	—	—	—	0
6861 sugar	0	—	—	—	0	—	—	—	—
6871 coffee	3	—	—	3	—	—	—	—	—
6885 alcoholic beverages	18	—	—	15	2	—	—	—	0
6888 water & ice	5	—	—	4	—	—	—	—	0
6889 food products nec	18	0	0	2	15	—	—	0	0
6891 tobacco & products	0	—	—	0	0	—	—	—	—
6893 cotton	1	—	—	0	1	—	—	—	—
6894 natural fibers nec	5	—	4	0	0	—	—	—	—
6899 farm products nec	22	0	—	2	21	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>954</b>	<b>104</b>	<b>5</b>	<b>759</b>	<b>84</b>	<b>0</b>	<b>—</b>	<b>1</b>	<b>0</b>
7110 machinery (not elec)	36	17	0	9	9	—	—	0	—
7120 electrical machinery	21	0	0	15	5	—	—	0	—
7210 vehicles & parts	779	85	—	645	49	—	—	1	—
7220 aircraft & parts	0	—	—	0	0	—	—	—	—
7230 ships & boats	0	0	—	0	0	—	—	—	—
7400 manufac. wood prod.	17	1	4	8	4	—	—	0	—
7500 textile products	14	0	1	7	5	—	—	0	—
7600 rubber & plastic pr.	29	1	0	25	4	0	—	—	—
7900 manufac. prod. nec	58	—	—	50	8	—	—	0	0
<b>Total unknown or not elsewhere classified</b>	<b>54</b>	<b>0</b>	<b>1</b>	<b>29</b>	<b>25</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	54	0	1	29	25	—	0	0	0
<b>Ton-miles Foreign &amp; Canadian (x1000)</b>	<b>2,641,670</b>	<b>115,501</b>	<b>981,352</b>	<b>328,297</b>	<b>1,120,852</b>	<b>19,412</b>	<b>1,111</b>	<b>75,009</b>	<b>136</b>

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
<b>Total, all commodities</b>	<b>4,976</b>	<b>723</b>	<b>334</b>	<b>3,638</b>	<b>281</b>
<b>Total petroleum and petroleum products</b>	<b>3,729</b>	<b>117</b>	<b>3</b>	<b>3,407</b>	<b>201</b>
<b>Subtotal crude petroleum</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>—</b>
2100 crude petroleum	6	—	—	6	—
<b>Subtotal petroleum products</b>	<b>3,723</b>	<b>117</b>	<b>3</b>	<b>3,401</b>	<b>201</b>
2211 gasoline	2,269	26	—	2,210	33
2330 distillate fuel oil	799	91	—	660	48
2340 residual fuel oil	427	0	3	379	44
2350 lube oil & greases	144	—	—	144	—
2429 naphtha & solvents	11	—	—	—	11
2430 asphalt, tar & pitch	66	—	—	—	66
2540 petroleum coke	7	—	—	7	—
<b>Total chemicals and related products</b>	<b>205</b>	<b>33</b>	<b>15</b>	<b>141</b>	<b>16</b>
<b>Subtotal fertilizers</b>	<b>120</b>	<b>—</b>	<b>9</b>	<b>111</b>	<b>—</b>
3110 nitrogenous fert.	120	—	9	111	—
<b>Subtotal other chemicals and related products</b>	<b>85</b>	<b>33</b>	<b>6</b>	<b>30</b>	<b>16</b>
3212 benzene & toluene	51	21	—	18	12
3220 alcohols	8	—	—	5	3
3274 sodium hydroxide	15	12	3	—	—
3276 metallic salts	3	—	3	—	—
3286 plastics	1	—	0	—	1
3297 chemical additives	6	—	—	6	—
<b>Total crude materials, inedible except fuels</b>	<b>988</b>	<b>571</b>	<b>284</b>	<b>90</b>	<b>43</b>
<b>Subtotal forest products, wood and chips</b>	<b>967</b>	<b>571</b>	<b>284</b>	<b>90</b>	<b>22</b>
4161 wood chips	571	571	—	—	—
4170 wood in the rough	92	—	0	90	2
4189 lumber	304	—	283	—	20
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>21</b>
4331 sand & gravel	21	—	—	—	21
<b>Subtotal other non-metal. min.</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>
4900 non-metal. min. nec	0	—	—	—	0
<b>Total primary manufactured goods</b>	<b>52</b>	<b>—</b>	<b>32</b>	<b>—</b>	<b>20</b>
<b>Subtotal paper products</b>	<b>24</b>	<b>—</b>	<b>24</b>	<b>—</b>	<b>0</b>
5190 paper products nec	24	—	24	—	0
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	1	—	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>14</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>13</b>
5360 i&s bars & shapes	14	—	1	—	13
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>
5480 fab. metal products	1	—	—	—	1

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
<b>Subtotal primary wood products</b>	<b>12</b>	<b>---</b>	<b>6</b>	<b>---</b>	<b>6</b>
5540 primary wood prod.	12	---	6	---	6
<b>Total food and farm products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>0</b>
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>
6782 animal feed, prep.	0	---	---	0	---
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>
6858 fruit juices	0	---	---	---	0
<b>Total all manufactured equipment, machinery and products</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>---</b>	<b>1</b>
7110 machinery (not elec)	2	2	0	---	0
7210 vehicles & parts	0	---	---	---	0
7230 ships & boats	0	---	0	---	0
7900 manufac. prod. nec	0	---	0	---	0
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>
9900 unknown or nec	0	---	---	0	---
<b>Ton-miles (x1000)</b>	<b>451,861</b>	<b>43,764</b>	<b>26,728</b>	<b>354,142</b>	<b>27,226</b>
<b>Coastwise</b>					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>10,530</b>	<b>769</b>	<b>1,096</b>	<b>497</b>	<b>1,915</b>	<b>2,475</b>	<b>1,513</b>	<b>753</b>	<b>1,512</b>
<b>Total petroleum and petroleum products</b>	<b>2,379</b>	<b>434</b>	<b>96</b>	<b>124</b>	<b>51</b>	<b>1,626</b>	<b>5</b>	<b>40</b>	<b>1</b>
<b>Subtotal petroleum products</b>	<b>2,379</b>	<b>434</b>	<b>96</b>	<b>124</b>	<b>51</b>	<b>1,626</b>	<b>5</b>	<b>40</b>	<b>1</b>
2211 gasoline	1,156	4	---	13	45	1,089	---	5	---
2330 distillate fuel oil	14	2	5	---	---	4	2	---	---
2340 residual fuel oil	1,207	428	90	111	7	533	3	35	1
2350 lube oil & greases	1	0	0	---	---	---	---	0	---
<b>Total chemicals and related products</b>	<b>135</b>	<b>---</b>	<b>---</b>	<b>52</b>	<b>6</b>	<b>10</b>	<b>---</b>	<b>34</b>	<b>34</b>
<b>Subtotal fertilizers</b>	<b>117</b>	<b>---</b>	<b>---</b>	<b>48</b>	<b>6</b>	<b>3</b>	<b>---</b>	<b>30</b>	<b>30</b>
3110 nitrogenous fert.	115	---	---	48	6	3	---	30	28
3190 fert. & mixes nec	2	---	---	---	---	---	---	---	2
<b>Subtotal other chemicals and related products</b>	<b>19</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>---</b>	<b>7</b>	<b>---</b>	<b>3</b>	<b>4</b>
3273 ammonia	12	---	---	5	---	7	---	---	---
3274 sodium hydroxide	7	---	---	---	---	---	---	3	4
<b>Total crude materials, inedible except fuels</b>	<b>4,113</b>	<b>329</b>	<b>99</b>	<b>319</b>	<b>1,193</b>	<b>833</b>	<b>32</b>	<b>480</b>	<b>828</b>
<b>Subtotal forest products, wood and chips</b>	<b>825</b>	<b>46</b>	<b>92</b>	<b>75</b>	<b>22</b>	<b>---</b>	<b>---</b>	<b>174</b>	<b>415</b>
4150 fuel wood	3	---	---	---	---	---	---	---	3
4161 wood chips	491	45	55	---	4	---	---	96	291
4170 wood in the rough	330	2	37	74	18	---	---	78	121
4189 lumber	1	---	---	1	---	---	---	0	---
<b>Subtotal pulp and waste paper</b>	<b>7</b>	<b>---</b>	<b>7</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4225 pulp & waste paper	7	---	7	---	---	---	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,248</b>	<b>283</b>	<b>---</b>	<b>244</b>	<b>1,170</b>	<b>833</b>	<b>---</b>	<b>306</b>	<b>413</b>
4331 sand & gravel	3,248	283	---	244	1,170	833	---	306	413
<b>Subtotal iron ore and scrap</b>	<b>33</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>32</b>	<b>---</b>	<b>---</b>
4420 iron & steel scrap	33	---	---	---	0	---	32	---	---
<b>Total primary manufactured goods</b>	<b>8</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>---</b>
<b>Subtotal paper products</b>	<b>7</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>---</b>	<b>---</b>
5190 paper products nec	7	---	---	2	3	0	2	---	---
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>
5360 i&s bars & shapes	0	---	---	---	0	---	---	0	---
<b>Subtotal primary wood products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5540 primary wood prod.	0	---	---	0	---	---	---	---	---
<b>Total food and farm products</b>	<b>3,477</b>	<b>---</b>	<b>872</b>	<b>---</b>	<b>579</b>	<b>---</b>	<b>1,380</b>	<b>4</b>	<b>642</b>
<b>Subtotal grain</b>	<b>3,348</b>	<b>---</b>	<b>872</b>	<b>---</b>	<b>456</b>	<b>---</b>	<b>1,380</b>	<b>4</b>	<b>636</b>
6241 wheat	3,194	---	827	---	451	---	1,281	4	630
6443 barley & rye	154	---	44	---	5	---	99	---	6

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal vegetable products</b>	<b>11</b>	---	---	---	<b>11</b>	---	---	---	---
6654 vegetables & prod.	11	---	---	---	11	---	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>34</b>	---	---	---	<b>34</b>	---	---	---	---
6781 hay & fodder	34	---	---	---	34	---	---	---	---
<b>Subtotal other agricultural products</b>	<b>85</b>	---	---	---	<b>79</b>	---	<b>0</b>	---	<b>6</b>
6822 dairy products	6	---	---	---	6	---	0	---	---
6887 groceries	76	---	---	---	70	---	---	---	6
6889 food products nec	2	---	---	---	2	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>224</b>	<b>6</b>	<b>30</b>	---	<b>82</b>	<b>6</b>	<b>93</b>	<b>0</b>	<b>6</b>
7110 machinery (not elec)	0	0	---	---	---	---	---	0	---
7900 manufac. prod. nec	223	6	30	---	82	6	93	---	6
<b>Total waste and scrap nec</b>	<b>195</b>	---	---	---	---	---	---	<b>195</b>	---
8900 waste and scrap nec	195	---	---	---	---	---	---	195	---
<b>Ton-miles Internal (x1000)</b>	<b>1,502,013</b>	<b>65,191</b>	<b>229,431</b>	<b>44,596</b>	<b>223,599</b>	<b>365,955</b>	<b>334,441</b>	<b>51,970</b>	<b>186,830</b>
<b>Tons All Traffic (x1000)</b>			<b>45,027</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>4,595,544</b>						
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>			<b>1,843,789</b>						

\*Includes 13,741 tons of foreign inbound in-transits; Includes 199,977 tons of foreign outbound in-transits;  
 Includes 12,564 tons of foreign upbound through in-transits; Includes 157,862 tons of foreign downbound through in-transits.

COLUMBIA RIVER SYSTEM

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	53,558	1996	54,023	1999	51,766	<b>2002</b>	<b>45,982</b>
1994	52,607	1997	54,257	2000	56,159		
1995	60,092	1998	50,435	2001	51,410		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
<b>Total, all commodities</b>	<b>29,521</b>	<b>4,731</b>	<b>23,788</b>	<b>983</b>	<b>19</b>
<b>Total coal</b>	<b>7</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal lignite	7	7	—	—	—
<b>Total petroleum and petroleum products</b>	<b>1,795</b>	<b>571</b>	<b>942</b>	<b>265</b>	<b>18</b>
<b>Subtotal crude petroleum</b>	<b>264</b>	<b>264</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	264	264	—	—	—
<b>Subtotal petroleum products</b>	<b>1,531</b>	<b>307</b>	<b>942</b>	<b>265</b>	<b>18</b>
2211 gasoline	320	253	—	66	—
2221 kerosene	4	—	—	4	—
2330 distillate fuel oil	110	—	—	110	—
2340 residual fuel oil	119	35	—	84	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	1	—	1	—	—
2430 asphalt, tar & pitch	19	19	—	—	—
2540 petroleum coke	958	—	940	—	18
<b>Total chemicals and related products</b>	<b>5,230</b>	<b>574</b>	<b>4,459</b>	<b>198</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>1,634</b>	<b>217</b>	<b>1,405</b>	<b>12</b>	<b>—</b>
3110 nitrogenous fert.	223	211	—	12	—
3120 phosphatic fert.	0	—	0	—	—
3130 potassic fert.	1,397	—	1,397	—	—
3190 fert. & mixes nec	14	6	8	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,596</b>	<b>357</b>	<b>3,053</b>	<b>186</b>	<b>—</b>
3212 benzene & toluene	55	55	—	—	—
3219 other hydrocarbons	0	0	0	—	—
3220 alcohols	83	82	1	—	—
3230 carboxylic acids	5	0	5	—	—
3240 nitrogen func. comp.	0	—	0	—	—
3250 organo - inorg. comp.	0	0	0	—	—
3260 organic comp. nec	4	1	3	—	—
3272 sulphuric acid	0	—	0	—	—
3273 ammonia	71	46	0	25	—
3274 sodium hydroxide	174	149	0	24	—
3275 inorg. elem., oxides, & halogen salts	42	3	39	—	—
3276 metallic salts	2,593	2	2,591	—	—
3279 inorganic chem. nec	3	1	2	—	—
3282 pigments & paints	8	7	1	—	—
3283 coloring mat. nec	0	—	0	—	—
3284 medicines	0	0	0	—	—
3285 perfumes & cleansers	6	0	6	—	—
3286 plastics	25	7	18	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	510	1	386	124	—
3293 explosives	1	1	—	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	12	—	—	12	—
3299 chem. products nec	3	1	2	0	—
<b>Total crude materials, inedible except fuels</b>	<b>3,668</b>	<b>762</b>	<b>2,389</b>	<b>516</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,983</b>	<b>206</b>	<b>1,690</b>	<b>88</b>	<b>—</b>
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	5	—	3	3	—
4161 wood chips	65	—	0	65	—
4170 wood in the rough	1,641	50	1,572	19	—
4189 lumber	272	156	115	1	—
4190 forest products nec	0	0	0	—	—
<b>Subtotal pulp and waste paper</b>	<b>221</b>	<b>40</b>	<b>181</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	221	40	181	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>868</b>	<b>439</b>	<b>1</b>	<b>428</b>	<b>0</b>
4310 building stone	6	6	0	—	0
4322 limestone	428	—	0	428	—
4323 gypsum	433	433	—	—	—
4331 sand & gravel	1	0	1	—	—
<b>Subtotal iron ore and scrap</b>	<b>272</b>	<b>76</b>	<b>195</b>	<b>—</b>	<b>—</b>
4410 iron ore	76	76	—	—	—
4420 iron & steel scrap	195	—	195	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>15</b>	<b>1</b>	<b>15</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	0	0	0	—	—
4680 non-ferrous scrap	15	—	15	—	—
4690 non-ferrous ores nec	0	0	0	—	—

COLUMBIA RIVER SYSTEM  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
<b>Subtotal sulphur, clay and salt</b>	<b>289</b>	<b>0</b>	<b>289</b>	---	---
4741 sulphur, (dry)	0	0	---	---	---
4782 clay & refrac. mat.	289	0	289	---	---
<b>Subtotal slag</b>	<b>0</b>	---	<b>0</b>	---	---
4860 slag	0	---	0	---	---
<b>Subtotal other non-metal. min.</b>	<b>19</b>	<b>0</b>	<b>19</b>	---	---
4900 non-metal. min. nec	19	0	19	---	---
<b>Total primary manufactured goods</b>	<b>2,551</b>	<b>1,844</b>	<b>704</b>	<b>3</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>560</b>	<b>14</b>	<b>546</b>	---	---
5110 newsprint	332	2	330	---	---
5120 paper & paperboard	201	9	192	---	---
5190 paper products nec	26	3	24	---	---
<b>Subtotal lime, cement and glass</b>	<b>552</b>	<b>501</b>	<b>51</b>	<b>1</b>	---
5220 cement & concrete	481	481	0	---	---
5240 glass & glass prod.	20	3	16	1	---
5290 misc. mineral prod.	52	18	34	0	---
<b>Subtotal primary iron and steel products</b>	<b>1,151</b>	<b>1,149</b>	<b>2</b>	<b>1</b>	---
5312 pig iron	0	0	---	0	---
5315 ferro alloys	17	17	---	---	---
5320 i&s primary forms	605	604	1	1	---
5330 i&s plates & sheets	321	320	1	---	---
5360 i&s bars & shapes	25	25	0	---	---
5370 i&s pipe & tube	63	63	0	---	---
5390 primary i&s nec	120	120	0	0	---
<b>Subtotal primary non-ferrous metal products</b>	<b>196</b>	<b>115</b>	<b>79</b>	<b>2</b>	<b>0</b>
5421 copper	7	0	7	---	---
5422 aluminum	13	13	0	0	---
5429 smelted prod. nec	64	2	62	---	---
5480 fab. metal products	111	100	10	2	0
<b>Subtotal primary wood products</b>	<b>92</b>	<b>65</b>	<b>27</b>	---	---
5540 primary wood prod.	92	65	27	---	---
<b>Total food and farm products</b>	<b>15,261</b>	<b>81</b>	<b>15,179</b>	<b>0</b>	<b>1</b>
<b>Subtotal fish</b>	<b>13</b>	<b>2</b>	<b>12</b>	---	---
6134 fish (not shellfish)	12	0	12	---	---
6136 shellfish	2	2	0	---	---
<b>Subtotal grain</b>	<b>12,083</b>	<b>0</b>	<b>12,083</b>	---	---
6241 wheat	10,131	0	10,131	---	---
6344 corn	1,540	0	1,540	---	---
6442 rice	0	0	---	---	---
6443 barley & rye	395	0	395	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	17	---	17	---	---
<b>Subtotal oilseeds</b>	<b>1,824</b>	<b>30</b>	<b>1,795</b>	---	---
6522 soybeans	1,432	0	1,432	---	---
6590 oilseeds nec	392	30	363	---	---
<b>Subtotal vegetable products</b>	<b>235</b>	<b>7</b>	<b>228</b>	<b>0</b>	<b>0</b>
6653 vegetable oils	2	2	0	---	0
6654 vegetables & prod.	233	5	227	0	0
<b>Subtotal processed grain and animal feed</b>	<b>944</b>	<b>9</b>	<b>935</b>	---	---
6746 wheat flour	4	---	4	---	---
6747 grain mill products	22	0	22	---	---
6781 hay & fodder	534	2	534	---	---
6782 animal feed, prep.	383	6	377	---	---
<b>Subtotal other agricultural products</b>	<b>161</b>	<b>33</b>	<b>126</b>	<b>0</b>	<b>1</b>
6811 meat, fresh, frozen	13	1	11	---	---
6817 meat, prepared	18	---	18	---	---
6822 dairy products	23	0	23	---	---
6835 fish, prepared	2	1	0	---	0
6839 animals & prod. nec	8	0	8	---	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	17	0	17	---	---
6858 fruit juices	10	4	6	---	0
6861 sugar	0	---	0	---	---
6871 coffee	3	3	---	---	---
6885 alcoholic beverages	18	15	2	---	0
6888 water & ice	5	4	---	---	0
6889 food products nec	18	2	15	0	0
6891 tobacco & products	0	0	0	---	---
6893 cotton	1	0	1	---	---
6894 natural fibers nec	5	0	5	---	---
6899 farm products nec	22	2	21	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>954</b>	<b>863</b>	<b>89</b>	<b>1</b>	<b>0</b>
7110 machinery (not elec)	36	26	9	0	---
7120 electrical machinery	21	16	5	0	---
7210 vehicles & parts	779	729	49	1	---
7220 aircraft & parts	0	0	0	---	---
7230 ships & boats	0	0	0	---	---
7400 manufac. wood prod.	17	9	8	0	---
7500 textile products	14	7	6	0	---
7600 rubber & plastic pr.	29	26	4	0	---
7900 manufac. prod. nec	58	50	8	0	0

COLUMBIA RIVER SYSTEM  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
<b>Total unknown or not elsewhere classified</b>	<b>54</b>	<b>29</b>	<b>26</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	54	29	26	0	0
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>1,253,991</b>	<b>138,478</b>	<b>1,086,620</b>	<b>27,781</b>	<b>1,111</b>

  

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
<b>Total, all commodities</b>	<b>16,460</b>	<b>4,361</b>	<b>615</b>	<b>8,242</b>	<b>3,242</b>
<b>Total petroleum and petroleum products</b>	<b>6,314</b>	<b>3,524</b>	<b>205</b>	<b>2,482</b>	<b>102</b>
<b>Subtotal crude petroleum</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	6	6	—	—	—
<b>Subtotal petroleum products</b>	<b>6,308</b>	<b>3,518</b>	<b>205</b>	<b>2,482</b>	<b>102</b>
2211 gasoline	3,454	2,236	33	1,185	—
2330 distillate fuel oil	867	751	48	61	8
2340 residual fuel oil	1,758	380	47	1,237	94
2350 lube oil & greases	145	144	—	1	0
2429 naphtha & solvents	11	—	11	—	—
2430 asphalt, tar & pitch	66	—	66	—	—
2540 petroleum coke	7	7	—	—	—
<b>Total chemicals and related products</b>	<b>358</b>	<b>174</b>	<b>30</b>	<b>119</b>	<b>35</b>
<b>Subtotal fertilizers</b>	<b>238</b>	<b>111</b>	<b>9</b>	<b>87</b>	<b>31</b>
3110 nitrogenous fert.	236	111	9	87	29
3190 fert. & mixes nec	2	—	—	—	2
<b>Subtotal other chemicals and related products</b>	<b>120</b>	<b>63</b>	<b>22</b>	<b>32</b>	<b>4</b>
3212 benzene & toluene	51	39	12	—	—
3220 alcohols	25	5	3	17	—
3273 ammonia	12	—	—	12	—
3274 sodium hydroxide	22	12	3	3	4
3276 metallic salts	3	—	3	—	—
3286 plastics	1	—	1	—	—
3297 chemical additives	6	6	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>5,827</b>	<b>661</b>	<b>327</b>	<b>3,284</b>	<b>1,555</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,796</b>	<b>661</b>	<b>306</b>	<b>321</b>	<b>508</b>
4150 fuel wood	3	—	—	—	3
4161 wood chips	1,062	571	—	145	346
4170 wood in the rough	425	90	2	175	158
4189 lumber	305	—	304	1	—
<b>Subtotal pulp and waste paper</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>8</b>
4225 pulp & waste paper	10	—	—	2	8
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,988</b>	<b>—</b>	<b>21</b>	<b>2,928</b>	<b>1,039</b>
4331 sand & gravel	3,988	—	21	2,928	1,039
<b>Subtotal iron ore and scrap</b>	<b>33</b>	<b>—</b>	<b>—</b>	<b>33</b>	<b>—</b>
4420 iron & steel scrap	33	—	—	33	—
<b>Subtotal other non-metal. min.</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	0	—	0	—	—
<b>Total primary manufactured goods</b>	<b>60</b>	<b>—</b>	<b>52</b>	<b>8</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>31</b>	<b>—</b>	<b>24</b>	<b>7</b>	<b>—</b>
5190 paper products nec	31	—	24	7	—
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	1	—	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>14</b>	<b>—</b>	<b>14</b>	<b>0</b>	<b>—</b>
5360 i&s bars & shapes	14	—	14	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	1	—	1	—	—
<b>Subtotal primary wood products</b>	<b>13</b>	<b>—</b>	<b>12</b>	<b>0</b>	<b>—</b>
5540 primary wood prod.	13	—	12	0	—
<b>Total food and farm products</b>	<b>3,479</b>	<b>0</b>	<b>0</b>	<b>1,965</b>	<b>1,514</b>
<b>Subtotal grain</b>	<b>3,350</b>	<b>—</b>	<b>—</b>	<b>1,842</b>	<b>1,508</b>
6241 wheat	3,196	—	—	1,739	1,457
6443 barley & rye	154	—	—	103	51
<b>Subtotal vegetable products</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>—</b>
6654 vegetables & prod.	11	—	—	11	—
<b>Subtotal processed grain and animal feed</b>	<b>34</b>	<b>0</b>	<b>—</b>	<b>34</b>	<b>—</b>
6781 hay & fodder	34	—	—	34	—
6782 animal feed, prep.	0	0	—	—	—
<b>Subtotal other agricultural products</b>	<b>85</b>	<b>—</b>	<b>0</b>	<b>79</b>	<b>6</b>
6822 dairy products	6	—	—	6	—
6858 fruit juices	0	—	0	—	—
6887 groceries	76	—	—	70	6
6889 food products nec	2	—	—	2	—



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

Freight Traffic, 2002  
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through* Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
CHINOOK CHANNEL, WA	---	---	---	---	---	---	0.00	---	
CLATSKANIE RIVER, OR	---	---	---	---	---	---	0.00	---	
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUV	4,499	22,011	4,263	583	8,046	1,547	40,950	74.62	4,509
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO	---	---	2	---	2,210	---	2,211	4.03	5,051
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK A	---	---	---	12	793	---	805	1.47	4,275
COLUMBIA RIVER AT BAKERS BAY, WA	---	---	---	---	---	---	---	0.00	---
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLE	---	---	6	---	582	244	833	1.52	7,157
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS	---	---	---	---	---	---	---	0.00	---
COWLITZ RIVER, WA	---	---	---	---	---	---	---	0.00	---
DEEP RIVER, WA	---	---	---	---	---	---	---	0.00	---
ELOKOMIN SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
GRAYS RIVER, WA	---	---	---	---	---	---	---	0.00	---
LAKE RIVER, WA	---	---	---	---	---	---	---	0.00	---
LEWIS RIVER, WA	---	---	---	---	---	---	---	0.00	---
MULTNOMAH CHANNEL, OR	---	---	63	21	1,220	---	1,305	2.38	---
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,216	1,796	---	---	411	---	3,422	6.24	---
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	---	---	---	---	---	---	---	0.00	---
SKAMOKAWA CREEK, WA	---	---	---	---	---	---	---	0.00	---
SKIPANON CHANNEL, OR	---	---	26	---	45	---	71	0.13	---
SNAKE RIVER, OR, WA AND ID	---	---	---	---	3,657	1	3,658	6.67	626
WESTPORT SLOUGH, OR	---	---	---	---	---	---	---	0.00	---
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	---	---	---	---	1,460	163	1,623	2.96	---
YOUNGS BAY AND YOUNGS RIVER, OR	---	---	---	---	---	---	---	0.00	---
TOTAL (UNADJUSTED)	5,715	23,806	4,361	615	18,424	1,955	54,876	---	21,618
PERCENT (UNADJUSTED)	10.41	43.38	7.95	1.12	33.57	3.56	---	100.00	---
NET VOLUME OF TONNAGE FOR THE BASIN**	5,715	23,806	4,361	615	9,526	1,955	45,978	---	---
PERCENT (ADJUSTED)	12.43	51.78	9.48	1.34	20.72	4.25	---	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.

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
BLAINE HARBOR, WA	No Commerce Reported	
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	No Commerce Reported	
FLATHEAD LAKE, MT	No Commerce Reported	
HOQUIAM RIVER, WA	No Commerce Reported	
KOOTENAI RIVER, ID AND MT	No Commerce Reported	
NEAH BAY, WA	No Commerce Reported	
PORT GAMBLE HARBOR, WA	4170 wood in the rough	68
	<b>Total Tons(x1000)</b>	<b>68</b>
PORT TOWNSEND HARBOR, WA	2330 distillate fuel oil	0
	2340 residual fuel oil	35
	4161 wood chips	88
	4170 wood in the rough	12
	<b>Total Tons(x1000)</b>	<b>135</b>
QUILLAYUTE RIVER, WA	No Commerce Reported	
SKAGIT RIVER, WA	6134 fish (not shellfish)	0
	<b>Total Tons(x1000)</b>	<b>0</b>
	<b>Total Ton-miles(x1000)</b>	<b>0</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>1</b>
STILLAGUAMISH RIVER, WA	No Commerce Reported	
SWINOMISH CHANNEL, WA	4170 wood in the rough	122
	4331 sand & gravel	18
	<b>Total Tons(x1000)</b>	<b>140</b>
	<b>Total Ton-miles(x1000)</b>	<b>509</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>6,174</b>
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	No Commerce Reported	
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	No Commerce Reported	
Non-project		
COEUR D ALENE LAKE AND ST. JOE RIVER, ID	4170 wood in the rough	274
	<b>Total Tons(x1000)</b>	<b>274</b>
	<b>Total Ton-miles(x1000)</b>	<b>5,133</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>5,283</b>

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
OTHER PUGET SOUND AREA PORTS, WA (NET)	2100 crude petroleum	14,153
	2211 gasoline	1,934
	2221 kerosene	157
	2330 distillate fuel oil	1,072
	2340 residual fuel oil	1,524
	2350 lube oil & greases	9
	2429 naphtha & solvents	113
	2540 petroleum coke	31
	2640 liquid natural gas	49
	3212 benzene & toluene	59
	3219 other hydrocarbons	56
	3275 inorg. elem., oxides, & halogen salts	53
	3297 chemical additives	8
	4161 wood chips	11
	4170 wood in the rough	882
	4189 lumber	3
	4331 sand & gravel	3,171
	4338 soil & fill dirt	2
	4650 aluminum ore	183
	5290 misc. mineral prod.	3
	5480 fab. metal products	3
	7110 machinery (not elec)	2
	7210 vehicles & parts	1
	7400 manufac. wood prod.	3
	8900 waste and scrap nec	1
	9900 unknown or nec	4
	<b>Total Tons(x1000)</b>	<b>23,488</b>

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**GRAYS HARBOR AND CHEHALIS RIVER, WA**

	Inbound						Outbound					
<b>Grand Total</b>	<b>1,213</b>	<b>54</b>	<b>---</b>	<b>526</b>	<b>633</b>	<b>---</b>	<b>1,294</b>	<b>54</b>	<b>---</b>	<b>578</b>	<b>660</b>	<b>2</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>153</b>	<b>54</b>	<b>---</b>	<b>48</b>	<b>51</b>	<b>---</b>	<b>147</b>	<b>54</b>	<b>---</b>	<b>46</b>	<b>47</b>	<b>---</b>
36	1	1	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	2	2	---	---	---	---
33	---	---	---	---	---	---	4	4	---	---	---	---
32	---	---	---	---	---	---	6	6	---	---	---	---
31	1	1	---	---	---	---	3	3	---	---	---	---
30	1	1	---	---	---	---	1	1	---	---	---	---
29	2	2	---	---	---	---	1	1	---	---	---	---
28	2	2	---	---	---	---	1	1	---	---	---	---
27	2	2	---	---	---	---	---	---	---	---	---	---
26	2	2	---	---	---	---	4	4	---	---	---	---
25	1	1	---	---	---	---	2	2	---	---	---	---
24	4	4	---	---	---	---	4	4	---	---	---	---
23	4	4	---	---	---	---	---	---	---	---	---	---
22	5	5	---	---	---	---	4	4	---	---	---	---
21	3	3	---	---	---	---	2	2	---	---	---	---
20	9	8	---	---	1	---	7	7	---	---	---	---
19	9	8	---	---	1	---	3	3	---	---	---	---
18	18	5	---	1	12	---	1	1	---	---	---	---
17	20	---	---	3	17	---	5	---	---	4	1	---
16	10	---	---	3	7	---	9	1	---	8	---	---
15	14	---	---	7	7	---	11	2	---	7	2	---
14	17	---	---	15	2	---	10	---	---	10	---	---
13	10	---	---	10	---	---	9	---	---	4	5	---
12	18	5	---	9	4	---	57	5	---	13	39	---

**DOMESTIC**

<b>Total</b>	<b>1,060</b>	<b>---</b>	<b>---</b>	<b>478</b>	<b>582</b>	<b>---</b>	<b>1,147</b>	<b>---</b>	<b>---</b>	<b>532</b>	<b>613</b>	<b>2</b>
19	5	---	---	5	---	---	5	---	---	5	---	---
18	11	---	---	11	---	---	11	---	---	11	---	---
17	7	---	---	7	---	---	14	---	---	14	---	---
16	5	---	---	3	2	---	33	---	---	4	29	---
15	18	---	---	18	---	---	26	---	---	22	4	---
14	4	---	---	4	---	---	18	---	---	12	4	2
13	32	---	---	32	---	---	51	---	---	33	18	---
12	978	---	---	398	580	---	989	---	---	431	558	---
										<b>Total trips:</b>	<b>2,507</b>	

**PORT ANGELES HARBOR, WA**

	Inbound						Outbound					
<b>Grand Total</b>	<b>779</b>	<b>68</b>	<b>34</b>	<b>537</b>	<b>75</b>	<b>65</b>	<b>737</b>	<b>66</b>	<b>33</b>	<b>493</b>	<b>85</b>	<b>60</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>200</b>	<b>68</b>	<b>5</b>	<b>78</b>	<b>39</b>	<b>10</b>	<b>188</b>	<b>66</b>	<b>6</b>	<b>61</b>	<b>47</b>	<b>8</b>
40	1	---	1	---	---	---	2	1	1	---	---	---
38	1	1	---	---	---	---	---	---	---	---	---	---
33	1	---	---	---	---	1	1	---	1	---	---	---
31	1	1	---	---	---	---	1	1	---	---	---	---
30	---	---	---	---	---	---	2	1	1	---	---	---
29	1	---	1	---	---	---	---	---	---	---	---	---
28	3	1	1	---	---	1	---	---	---	---	---	---
27	1	1	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	3	1	2	---	---	---
24	3	2	1	---	---	---	3	2	1	---	---	---
22	1	---	1	---	---	---	---	---	---	---	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
19	3	3	---	---	---	---	2	2	---	---	---	---
18	183	58	---	78	39	8	173	57	---	61	47	8

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**PORT ANGELES HARBOR, WA - continued**  
Inbound

Outbound

DOMESTIC

<b>Total</b>	<b>579</b>	---	<b>29</b>	<b>459</b>	<b>36</b>	<b>55</b>	<b>549</b>	---	<b>27</b>	<b>432</b>	<b>38</b>	<b>52</b>
53	1	---	1	---	---	---	---	---	---	---	---	---
52	4	---	4	---	---	---	---	---	---	---	---	---
48	1	---	1	---	---	---	---	---	---	---	---	---
43	---	---	---	---	---	---	1	---	1	---	---	---
40	1	---	1	---	---	---	---	---	---	---	---	---
37	---	---	---	---	---	---	1	---	1	---	---	---
29	1	---	1	---	---	---	---	---	---	---	---	---
22	51	---	1	50	---	---	53	---	1	52	---	---
20	---	---	---	---	---	---	1	---	---	---	1	---
19	112	---	---	110	1	1	107	---	---	107	---	---
18	408	---	20	299	35	54	386	---	24	273	37	52
										<b>Total trips:</b>		<b>1,516</b>

**HAMMERSLEY INLET, WA**

Upbound

Downbound

<b>Grand Total</b>	<b>396</b>	---	---	<b>191</b>	<b>205</b>	---	<b>405</b>	---	---	<b>206</b>	<b>199</b>	---
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DOMESTIC

<b>Total</b>	<b>396</b>	---	---	<b>191</b>	<b>205</b>	---	<b>405</b>	---	---	<b>206</b>	<b>199</b>	---
13	1	---	---	---	1	---	---	---	---	---	---	---
12	2	---	---	---	2	---	2	---	---	---	2	---
10	119	---	---	118	1	---	150	---	---	132	18	---
9	4	---	---	---	4	---	33	---	---	---	33	---
8	61	---	---	60	1	---	73	---	---	62	11	---
7	---	---	---	---	---	---	23	---	---	---	23	---
6	209	---	---	13	196	---	124	---	---	12	112	---
										<b>Total trips:</b>		<b>801</b>

**OLYMPIA HARBOR, WA**

Inbound

Outbound

<b>Grand Total</b>	<b>225</b>	<b>15</b>	---	<b>164</b>	<b>46</b>	---	<b>220</b>	<b>17</b>	---	<b>157</b>	<b>46</b>	---
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FOREIGN

<b>Total</b>	<b>31</b>	<b>15</b>	---	<b>10</b>	<b>6</b>	---	<b>36</b>	<b>17</b>	---	<b>10</b>	<b>9</b>	---
32	---	---	---	---	---	---	5	5	---	---	---	---
29	2	2	---	---	---	---	---	---	---	---	---	---
28	1	1	---	---	---	---	2	2	---	---	---	---
27	1	1	---	---	---	---	1	1	---	---	---	---
26	---	---	---	---	---	---	2	2	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	3	3	---	---	---	---
23	3	3	---	---	---	---	1	1	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	2	2	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
19	1	1	---	---	---	---	1	1	---	---	---	---
18	17	1	---	10	6	---	20	1	---	10	9	---

DOMESTIC

<b>Total</b>	<b>194</b>	---	---	<b>154</b>	<b>40</b>	---	<b>184</b>	---	---	<b>147</b>	<b>37</b>	---
18	194	---	---	154	40	---	184	---	---	147	37	---
										<b>Total trips:</b>		<b>445</b>

Trips and Drafts of Vessels, 2002  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>TACOMA HARBOR, WA</b>												
<b>Grand Total</b>	<b>14,586</b>	<b>7,366</b>	<b>122</b>	<b>4,801</b>	<b>1,163</b>	<b>1,134</b>	<b>14,540</b>	<b>7,421</b>	<b>116</b>	<b>4,800</b>	<b>1,083</b>	<b>1,120</b>
	Inbound						Outbound					
<b>FOREIGN</b>	<b>1,610</b>	<b>823</b>	<b>51</b>	<b>379</b>	<b>305</b>	<b>52</b>	<b>1,601</b>	<b>820</b>	<b>49</b>	<b>374</b>	<b>297</b>	<b>61</b>
Total	1,610	823	51	379	305	52	1,601	820	49	374	297	61
44	—	—	—	—	—	—	1	1	—	—	—	—
42	36	36	—	—	—	—	37	37	—	—	—	—
41	4	4	—	—	—	—	10	10	—	—	—	—
40	5	5	—	—	—	—	25	25	—	—	—	—
39	4	4	—	—	—	—	9	9	—	—	—	—
38	59	59	—	—	—	—	62	62	—	—	—	—
37	10	10	—	—	—	—	14	13	1	—	—	—
36	25	25	—	—	—	—	74	74	—	—	—	—
35	20	20	—	—	—	—	38	38	—	—	—	—
34	45	45	—	—	—	—	55	55	—	—	—	—
33	78	78	—	—	—	—	40	40	—	—	—	—
32	31	31	—	—	—	—	48	48	—	—	—	—
31	17	13	4	—	—	—	21	20	1	—	—	—
30	33	31	2	—	—	—	32	30	2	—	—	—
29	25	25	—	—	—	—	11	11	—	—	—	—
28	29	28	1	—	—	—	23	22	1	—	—	—
27	61	56	5	—	—	—	55	54	1	—	—	—
26	73	72	1	—	—	—	59	53	6	—	—	—
25	32	30	2	—	—	—	25	25	—	—	—	—
24	43	37	6	—	—	—	47	38	9	—	—	—
23	23	22	1	—	—	—	25	21	4	—	—	—
22	49	39	10	—	—	—	31	23	8	—	—	—
21	34	28	6	—	—	—	20	14	6	—	—	—
20	26	22	4	—	—	—	20	14	6	—	—	—
19	15	13	2	—	—	—	5	4	1	—	—	—
18	22	18	4	—	—	—	8	7	1	—	—	—
17	5	—	—	—	5	—	1	—	—	—	1	—
16	28	2	—	8	17	1	21	—	2	11	8	—
15	19	5	1	—	12	1	10	3	—	1	6	—
14	128	19	1	81	22	5	97	62	—	27	6	2
13	35	—	—	12	16	7	48	—	—	38	5	5
12	596	46	1	278	233	38	629	7	—	297	271	54
<b>DOMESTIC</b>	<b>12,976</b>	<b>6,543</b>	<b>71</b>	<b>4,422</b>	<b>858</b>	<b>1,082</b>	<b>12,939</b>	<b>6,601</b>	<b>67</b>	<b>4,426</b>	<b>786</b>	<b>1,059</b>
Total	12,976	6,543	71	4,422	858	1,082	12,939	6,601	67	4,426	786	1,059
47	4	—	4	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	2	—	2	—	—	—	—	—	—	—	—	—
40	6	—	6	—	—	—	—	—	—	—	—	—
39	6	—	6	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
36	4	—	4	—	—	—	—	—	—	—	—	—
35	2	—	2	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	1	—	1	—	—	—
28	4,789	4,789	—	—	—	—	4,811	4,811	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
25	—	—	—	—	—	—	4	1	3	—	—	—
24	—	—	—	—	—	—	2	2	—	—	—	—
23	—	—	—	—	—	—	14	14	—	—	—	—
22	12	—	—	12	—	—	59	36	1	22	—	—
21	9	3	1	—	—	5	63	43	—	—	—	20
20	17	6	—	11	—	—	22	10	—	12	—	—
19	37	8	—	28	—	1	42	3	—	29	—	10
18	205	19	—	182	—	4	198	8	—	187	—	3
17	771	58	—	691	—	22	748	15	—	701	—	32
16	64	9	—	33	—	22	60	9	—	36	—	15
15	420	5	—	400	—	15	413	6	—	395	—	12
14	278	5	—	188	27	58	236	2	—	211	1	22
13	279	—	—	179	75	25	203	—	—	179	8	16
12	6,061	1,641	37	2,698	756	929	6,063	1,641	62	2,654	777	929
										<b>Total trips:</b>		<b>29,126</b>

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**SEATTLE HARBOR, WA**

	Inbound						Outbound					
<b>Grand Total</b>	<b>52,529</b>	<b>44,167</b>	<b>136</b>	<b>5,285</b>	<b>1,837</b>	<b>1,104</b>	<b>52,243</b>	<b>44,163</b>	<b>142</b>	<b>5,391</b>	<b>1,428</b>	<b>1,119</b>

FOREIGN

<b>Total</b>	<b>2,107</b>	<b>998</b>	<b>8</b>	<b>607</b>	<b>474</b>	<b>20</b>	<b>2,210</b>	<b>1,018</b>	<b>9</b>	<b>655</b>	<b>494</b>	<b>34</b>
46	1	1	—	—	—	—	1	1	—	—	—	—
44	—	—	—	—	—	—	3	3	—	—	—	—
43	2	2	—	—	—	—	4	4	—	—	—	—
42	1	1	—	—	—	—	24	22	2	—	—	—
41	19	19	—	—	—	—	13	13	—	—	—	—
40	19	19	—	—	—	—	30	30	—	—	—	—
39	19	19	—	—	—	—	13	13	—	—	—	—
38	36	36	—	—	—	—	41	41	—	—	—	—
37	25	25	—	—	—	—	27	27	—	—	—	—
36	45	44	1	—	—	—	51	51	—	—	—	—
35	29	28	1	—	—	—	58	57	1	—	—	—
34	47	47	—	—	—	—	52	52	—	—	—	—
33	57	57	—	—	—	—	54	54	—	—	—	—
32	80	79	1	—	—	—	107	107	—	—	—	—
31	74	73	1	—	—	—	38	37	1	—	—	—
30	64	63	1	—	—	—	62	61	1	—	—	—
29	36	36	—	—	—	—	30	30	—	—	—	—
28	70	70	—	—	—	—	29	28	1	—	—	—
27	100	100	—	—	—	—	87	87	—	—	—	—
26	55	53	2	—	—	—	42	42	—	—	—	—
25	25	25	—	—	—	—	20	19	1	—	—	—
24	45	44	1	—	—	—	49	49	—	—	—	—
23	13	13	—	—	—	—	24	23	—	—	1	—
22	22	22	—	—	—	—	24	24	—	—	—	—
21	9	9	—	—	—	—	9	6	2	1	—	—
20	9	9	—	—	—	—	10	9	—	—	1	—
19	6	5	—	1	—	—	4	3	—	1	—	—
18	1,199	99	—	606	474	20	1,304	125	—	653	492	34

DOMESTIC

<b>Total</b>	<b>50,422</b>	<b>43,169</b>	<b>128</b>	<b>4,678</b>	<b>1,363</b>	<b>1,084</b>	<b>50,033</b>	<b>43,145</b>	<b>133</b>	<b>4,736</b>	<b>934</b>	<b>1,085</b>
40	2	—	2	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
35	1	—	1	—	—	—	6	5	1	—	—	—
34	1	1	—	—	—	—	17	16	1	—	—	—
33	4	3	1	—	—	—	14	13	1	—	—	—
32	4	1	3	—	—	—	14	11	3	—	—	—
31	—	—	—	—	—	—	5	5	—	—	—	—
30	4	1	3	—	—	—	1	—	1	—	—	—
29	3	3	—	—	—	—	4	3	1	—	—	—
28	24,085	24,085	—	—	—	—	24,069	24,066	3	—	—	—
27	13	11	2	—	—	—	4	—	4	—	—	—
26	18	15	2	—	—	1	4	—	4	—	—	—
25	6	3	—	—	3	—	7	1	3	—	3	—
24	6	5	—	—	1	—	2	—	1	—	1	—
23	1	—	1	—	—	—	1	—	1	—	—	—
22	55	—	2	51	—	2	45	—	2	43	—	—
21	9	2	—	—	1	6	9	—	1	—	6	2
20	44	—	—	42	—	2	39	—	—	38	—	1
19	73	2	—	62	2	7	66	—	—	61	1	3
18	26,093	19,037	111	4,523	1,356	1,066	25,725	19,024	105	4,594	923	1,079
										<b>Total trips:</b>		<b>104,772</b>

**LAKE WASHINGTON SHIP CANAL, WA**

	Upbound						Downbound					
<b>Grand Total</b>	<b>2,755</b>	<b>1,774</b>	<b>2</b>	<b>589</b>	<b>371</b>	<b>19</b>	<b>2,734</b>	<b>1,783</b>	<b>2</b>	<b>556</b>	<b>379</b>	<b>14</b>

FOREIGN

<b>Total</b>	<b>25</b>	<b>4</b>	<b>—</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>31</b>	<b>3</b>	<b>—</b>	<b>18</b>	<b>10</b>	<b>—</b>
22	25	4	—	17	2	2	31	3	—	18	10	—

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**LAKE WASHINGTON SHIP CANAL, WA - continued**  
Upbound

Downbound

DOMESTIC

<b>Total</b>	2,730	1,770	2	572	369	17	2,703	1,780	2	538	369	14
22	2,730	1,770	2	572	369	17	2,703	1,780	2	538	369	14
										<b>Total trips:</b>		<b>5,489</b>

**EVERETT HARBOR AND SNOHOMISH RIVER, WA**

Inbound

Outbound

<b>Grand Total</b>	1,902	652	3	856	385	6	1,822	653	2	856	304	7
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FOREIGN

<b>Total</b>	332	24	1	159	147	1	305	25	—	145	132	3
37	—	—	—	—	—	—	1	1	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
32	1	1	—	—	—	—	4	4	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	3	3	—	—	—	—
26	4	4	—	—	—	—	1	1	—	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	3	2	—	—	1	—	2	2	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	313	7	—	159	146	1	287	7	—	145	132	3

DOMESTIC

<b>Total</b>	1,570	628	2	697	238	5	1,517	628	2	711	172	4
22	31	—	—	31	—	—	25	—	—	25	—	—
19	7	—	—	7	—	—	7	—	—	7	—	—
18	1,532	628	2	659	238	5	1,485	628	2	679	172	4
										<b>Total trips:</b>		<b>3,724</b>

**ANACORTES HARBOR, WA**

Inbound

Outbound

<b>Grand Total</b>	7,881	5,627	271	1,534	39	410	7,972	5,628	267	1,570	47	460
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FOREIGN

<b>Total</b>	402	32	50	199	37	84	371	31	48	178	41	73
45	1	—	1	—	—	—	—	—	—	—	—	—
44	2	—	2	—	—	—	—	—	—	—	—	—
43	—	—	—	—	—	—	2	—	2	—	—	—
42	1	—	1	—	—	—	4	—	4	—	—	—
41	5	—	5	—	—	—	1	—	1	—	—	—
40	3	—	3	—	—	—	2	—	2	—	—	—
39	1	—	1	—	—	—	2	—	2	—	—	—
38	4	—	4	—	—	—	—	—	—	—	—	—
37	2	—	2	—	—	—	1	—	1	—	—	—
36	3	—	3	—	—	—	4	1	3	—	—	—
35	2	—	2	—	—	—	2	—	2	—	—	—
34	3	1	2	—	—	—	2	1	1	—	—	—
33	1	—	1	—	—	—	3	3	—	—	—	—
32	1	1	—	—	—	—	—	—	—	—	—	—
31	2	—	2	—	—	—	2	1	1	—	—	—
30	2	—	2	—	—	—	8	1	7	—	—	—
29	1	—	1	—	—	—	1	1	—	—	—	—
28	3	—	3	—	—	—	3	1	2	—	—	—
27	—	—	—	—	—	—	5	—	5	—	—	—
26	2	—	2	—	—	—	2	1	1	—	—	—
25	2	—	2	—	—	—	5	1	4	—	—	—
24	5	3	2	—	—	—	2	1	1	—	—	—

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**ANACORTES HARBOR, WA - continued**

	Inbound						Outbound					
<b>FOREIGN</b>												
23	2	—	1	—	—	1	2	1	—	1	—	—
22	—	—	—	—	—	—	3	1	2	—	—	—
21	2	1	1	—	—	—	1	—	1	—	—	—
20	6	4	1	—	—	1	—	—	—	—	—	—
19	3	2	—	1	—	—	2	—	1	—	—	1
18	343	20	6	198	36	83	312	17	5	177	41	72
<b>DOMESTIC</b>												
<b>Total</b>	<b>7,479</b>	<b>5,595</b>	<b>221</b>	<b>1,335</b>	<b>2</b>	<b>326</b>	<b>7,601</b>	<b>5,597</b>	<b>219</b>	<b>1,392</b>	<b>6</b>	<b>387</b>
50	16	—	16	—	—	—	14	—	14	—	—	—
49	—	—	—	—	—	—	1	—	1	—	—	—
48	2	—	2	—	—	—	2	—	2	—	—	—
47	2	—	2	—	—	—	—	—	—	—	—	—
46	1	—	1	—	—	—	—	—	—	—	—	—
45	1	—	1	—	—	—	—	—	—	—	—	—
44	6	—	6	—	—	—	—	—	—	—	—	—
43	7	—	7	—	—	—	1	—	1	—	—	—
42	9	—	9	—	—	—	1	—	1	—	—	—
41	8	—	8	—	—	—	2	—	2	—	—	—
40	49	—	49	—	—	—	10	—	10	—	—	—
39	16	—	16	—	—	—	8	—	8	—	—	—
38	13	—	13	—	—	—	1	—	1	—	—	—
37	17	—	17	—	—	—	15	—	15	—	—	—
36	5	—	5	—	—	—	3	—	3	—	—	—
35	7	—	7	—	—	—	7	2	5	—	—	—
34	6	—	6	—	—	—	—	—	—	—	—	—
33	4	—	4	—	—	—	1	—	1	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	5	—	5	—	—	—
30	2	—	2	—	—	—	19	—	19	—	—	—
28	3,848	3,847	1	—	—	—	3,849	3,847	2	—	—	—
27	4	—	4	—	—	—	5	—	5	—	—	—
26	—	—	—	—	—	—	5	—	2	—	—	3
25	2	—	2	—	—	—	13	—	13	—	—	—
22	167	—	3	163	—	1	177	—	17	155	—	5
21	8	—	—	—	—	8	5	—	—	—	—	5
20	16	—	2	11	—	3	18	—	3	13	—	2
19	390	—	—	388	—	2	400	—	—	392	—	8
18	2,872	1,748	37	773	2	312	3,039	1,748	89	832	6	364
										<b>Total trips:</b>		<b>15,853</b>

**BELLINGHAM BAY AND HARBOR, WA**

	Inbound						Outbound					
<b>Grand Total</b>	<b>440</b>	<b>78</b>	<b>3</b>	<b>291</b>	<b>43</b>	<b>25</b>	<b>447</b>	<b>88</b>	<b>2</b>	<b>290</b>	<b>38</b>	<b>29</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>51</b>	<b>9</b>	<b>—</b>	<b>27</b>	<b>9</b>	<b>6</b>	<b>63</b>	<b>8</b>	<b>—</b>	<b>33</b>	<b>10</b>	<b>12</b>
33	1	1	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	—	—	—	—	—	—	2	1	—	—	—	1
21	—	—	—	—	—	—	1	—	—	—	—	1
18	50	8	—	27	9	6	57	4	—	33	10	10
<b>DOMESTIC</b>												
<b>Total</b>	<b>389</b>	<b>69</b>	<b>3</b>	<b>264</b>	<b>34</b>	<b>19</b>	<b>384</b>	<b>80</b>	<b>2</b>	<b>257</b>	<b>28</b>	<b>17</b>
25	1	—	1	—	—	—	—	—	—	—	—	—
22	69	—	—	69	—	—	82	—	—	82	—	—
19	90	—	—	90	—	—	91	—	—	91	—	—
18	229	69	2	105	34	19	211	80	2	84	28	17
										<b>Total trips:</b>		<b>887</b>

Trips and Drafts of Vessels, 2002  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY</b>												
	Upbound						Downbound					
<b>Grand Total</b>	<b>35,664</b>	<b>21,640</b>	<b>164</b>	<b>8,119</b>	<b>4,444</b>	<b>1,297</b>	<b>35,551</b>	<b>21,660</b>	<b>150</b>	<b>8,108</b>	<b>4,527</b>	<b>1,106</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>1,738</b>	<b>1,501</b>	<b>67</b>	<b>96</b>	<b>48</b>	<b>26</b>	<b>1,730</b>	<b>1,521</b>	<b>74</b>	<b>85</b>	<b>45</b>	<b>5</b>
41	1	1	—	—	—	—	2	2	—	—	—	—
40	1	1	—	—	—	—	44	43	1	—	—	—
39	3	3	—	—	—	—	58	53	5	—	—	—
38	15	8	7	—	—	—	49	49	—	—	—	—
37	13	11	2	—	—	—	57	56	1	—	—	—
36	23	22	1	—	—	—	90	87	1	1	1	—
35	25	20	5	—	—	—	69	69	—	—	—	—
34	30	28	2	—	—	—	108	107	1	—	—	—
33	35	31	4	—	—	—	108	105	3	—	—	—
32	34	29	5	—	—	—	123	122	1	—	—	—
31	56	52	4	—	—	—	95	93	2	—	—	—
30	59	54	5	—	—	—	72	70	2	—	—	—
29	74	70	4	—	—	—	77	76	1	—	—	—
28	91	90	1	—	—	—	58	54	4	—	—	—
27	91	88	3	—	—	—	84	81	3	—	—	—
26	103	96	7	—	—	—	74	70	4	—	—	—
25	105	101	4	—	—	—	89	87	2	—	—	—
24	93	91	2	—	—	—	100	90	9	1	—	—
23	97	93	4	—	—	—	52	50	2	—	—	—
22	90	88	2	—	—	—	45	38	7	—	—	—
21	113	112	1	—	—	—	30	25	5	—	—	—
20	119	116	2	—	—	1	31	25	5	1	—	—
19	150	139	—	—	8	3	18	14	4	—	—	—
18	111	101	1	1	5	3	13	6	7	—	—	—
17	26	21	1	—	3	1	7	5	—	—	2	—
16	56	17	—	21	15	3	26	1	1	22	2	—
15	38	7	—	26	4	1	41	10	1	30	—	—
14	28	3	—	11	6	8	16	2	2	9	3	—
13	18	2	—	7	4	5	5	1	—	4	—	—
12	9	1	—	5	2	1	7	2	—	4	1	—
11	2	1	—	1	—	—	—	—	—	—	—	—
10	12	—	—	12	—	—	10	—	—	8	—	2
9	9	1	—	8	—	—	4	1	—	3	—	—
8	5	3	—	2	—	—	5	1	—	1	—	3
7	1	—	—	1	—	—	—	—	—	—	—	—
6	1	—	—	1	—	—	7	—	—	—	7	—
5	—	—	—	—	—	—	13	—	—	1	12	—
4	—	—	—	—	—	—	11	—	—	—	11	—
3	1	—	—	—	1	—	32	26	—	—	6	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>33,926</b>	<b>20,139</b>	<b>97</b>	<b>8,023</b>	<b>4,396</b>	<b>1,271</b>	<b>33,821</b>	<b>20,139</b>	<b>76</b>	<b>8,023</b>	<b>4,482</b>	<b>1,101</b>
40	1	—	1	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	5	—	5	—	—	—	—	—	—	—	—	—
36	16	—	16	—	—	—	—	—	—	—	—	—
35	11	—	11	—	—	—	—	—	—	—	—	—
34	5	—	5	—	—	—	—	—	—	—	—	—
33	4	—	4	—	—	—	—	—	—	—	—	—
32	6	—	6	—	—	—	3	—	3	—	—	—
31	3	—	3	—	—	—	2	—	2	—	—	—
30	5	—	5	—	—	—	2	—	2	—	—	—
29	2	—	2	—	—	—	—	—	—	—	—	—
28	4	—	4	—	—	—	2	—	2	—	—	—
27	9	—	9	—	—	—	3	—	3	—	—	—
26	11	—	6	—	—	5	—	—	—	—	—	—
25	6	—	6	—	—	—	3	—	3	—	—	—
24	3	—	2	—	—	1	—	—	—	—	—	—
23	1	—	1	—	—	—	1	—	1	—	—	—
22	7	—	3	—	—	4	—	—	—	—	—	—
21	21	—	1	—	1	19	4	—	1	—	—	3
20	66	—	3	41	9	13	37	—	2	35	—	—
19	36	—	1	25	1	9	35	—	1	30	2	2
18	54	—	—	35	—	19	61	—	—	38	20	3
17	88	—	—	14	—	74	44	—	—	12	10	22
16	50	—	—	30	8	12	214	—	35	31	139	9
15	172	—	—	109	7	56	119	—	4	95	15	5

Trips and Drafts of Vessels, 2002  
(draft in feet)

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

**COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY - continued**  
Upbound

Downbound

DOMESTIC

14	328	—	—	119	49	160	628	—	—	105	494	29
13	527	—	—	164	214	149	890	—	1	144	732	13
12	1,066	—	—	734	248	84	933	—	—	611	307	15
11	1,323	—	—	1,056	217	50	1,470	—	—	1,060	385	25
10	1,666	19	—	1,537	75	35	1,862	18	—	1,500	333	11
9	1,552	—	2	1,170	298	82	1,977	—	12	1,705	177	83
8	1,289	—	—	931	279	79	924	2	2	836	42	42
7	728	16	—	631	66	15	773	17	—	711	31	14
6	14,590	13,606	—	883	80	21	14,381	13,602	—	750	12	17
5	527	—	—	508	3	16	382	2	—	335	14	31
4	144	—	—	11	112	21	203	—	—	11	152	40
3	7,316	6,498	—	21	733	64	7,168	6,498	—	10	554	106
2	2,268	—	—	4	1,996	268	1,680	—	—	4	1,062	614
1	15	—	—	—	—	15	18	—	—	—	1	17
											<b>Total trips:</b>	<b>71,215</b>

**COLUMBIA RIVER SYSTEM**

Upbound

Downbound

<b>Grand Total</b>	<b>29,488</b>	<b>8,070</b>	<b>175</b>	<b>13,093</b>	<b>6,317</b>	<b>1,833</b>	<b>29,130</b>	<b>8,033</b>	<b>148</b>	<b>12,836</b>	<b>6,302</b>	<b>1,811</b>
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FOREIGN

<b>Total</b>	<b>1,741</b>	<b>1,504</b>	<b>67</b>	<b>96</b>	<b>48</b>	<b>26</b>	<b>1,732</b>	<b>1,523</b>	<b>74</b>	<b>85</b>	<b>45</b>	<b>5</b>
41	1	1	—	—	—	—	2	2	—	—	—	—
40	1	1	—	—	—	—	44	43	1	—	—	—
39	3	3	—	—	—	—	58	53	5	—	—	—
38	15	8	7	—	—	—	49	49	—	—	—	—
37	13	11	2	—	—	—	57	56	1	—	—	—
36	23	22	1	—	—	—	90	87	1	1	1	—
35	25	20	5	—	—	—	69	69	—	—	—	—
34	30	28	2	—	—	—	108	107	1	—	—	—
33	35	31	4	—	—	—	108	105	3	—	—	—
32	34	29	5	—	—	—	123	122	1	—	—	—
31	56	52	4	—	—	—	95	93	2	—	—	—
30	59	54	5	—	—	—	72	70	2	—	—	—
29	74	70	4	—	—	—	77	76	1	—	—	—
28	91	90	1	—	—	—	58	54	4	—	—	—
27	91	88	3	—	—	—	84	81	3	—	—	—
26	103	96	7	—	—	—	74	70	4	—	—	—
25	105	101	4	—	—	—	89	87	2	—	—	—
24	93	91	2	—	—	—	100	90	9	1	—	—
23	97	93	4	—	—	—	52	50	2	—	—	—
22	90	88	2	—	—	—	45	38	7	—	—	—
21	113	112	1	—	—	—	30	25	5	—	—	—
20	119	116	2	—	—	1	31	25	5	1	—	—
19	150	139	—	—	8	3	18	14	4	—	—	—
18	111	101	1	1	5	3	13	6	7	—	—	—
17	26	21	1	—	3	1	7	5	—	—	2	—
16	56	17	—	21	15	3	26	1	1	22	2	—
15	38	7	—	26	4	1	41	10	1	30	—	—
14	28	3	—	11	6	8	16	2	2	9	3	—
13	19	3	—	7	4	5	5	1	—	4	—	—
12	9	1	—	5	2	1	7	2	—	4	1	—
11	2	1	—	1	—	—	—	—	—	—	—	—
10	12	—	—	12	—	—	10	—	—	8	—	2
9	10	2	—	8	—	—	5	2	—	3	—	—
8	5	3	—	2	—	—	5	1	—	1	—	3
7	2	1	—	1	—	—	1	1	—	—	—	—
6	1	—	—	1	—	—	7	—	—	—	7	—
5	—	—	—	—	—	—	13	—	—	1	12	—
4	—	—	—	—	—	—	11	—	—	—	11	—
3	1	—	—	—	1	—	32	26	—	—	6	—

DOMESTIC

<b>Total</b>	<b>27,747</b>	<b>6,566</b>	<b>108</b>	<b>12,997</b>	<b>6,269</b>	<b>1,807</b>	<b>27,398</b>	<b>6,510</b>	<b>74</b>	<b>12,751</b>	<b>6,257</b>	<b>1,806</b>
40	1	—	1	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER SYSTEM - continued</b>												
	Upbound						Downbound					
<b>DOMESTIC</b>												
37	5	—	5	—	—	—	—	—	—	—	—	—
36	17	—	17	—	—	—	—	—	—	—	—	—
35	11	—	11	—	—	—	—	—	—	—	—	—
34	5	—	5	—	—	—	—	—	—	—	—	—
33	4	—	4	—	—	—	—	—	—	—	—	—
32	5	—	5	—	—	—	3	—	3	—	—	—
31	3	—	3	—	—	—	2	—	2	—	—	—
30	6	—	6	—	—	—	1	—	1	—	—	—
29	4	—	4	—	—	—	—	—	—	—	—	—
28	5	—	5	—	—	—	2	—	2	—	—	—
27	9	—	9	—	—	—	3	—	3	—	—	—
26	11	—	6	—	—	5	—	—	—	—	—	—
25	8	—	8	—	—	—	3	—	3	—	—	—
24	3	—	2	—	—	1	—	—	—	—	—	—
23	2	—	2	—	—	—	1	—	1	—	—	—
22	7	—	3	—	—	4	—	—	—	—	—	—
21	21	—	1	—	1	19	4	—	1	—	—	3
20	71	—	2	47	9	13	37	—	2	35	—	—
19	43	—	1	25	1	16	34	—	1	30	2	1
18	66	—	—	35	—	31	59	—	—	38	20	1
17	107	—	—	15	3	89	40	—	—	11	8	21
16	150	—	—	32	104	14	136	—	35	31	61	9
15	226	—	2	139	13	72	99	—	3	82	9	5
14	766	—	—	317	338	111	389	—	—	46	224	119
13	1,069	—	—	284	677	108	1,264	—	1	118	369	776
12	2,331	—	—	1,735	469	127	258	1	—	162	87	8
11	1,810	—	—	1,349	369	92	1,805	—	—	1,544	239	22
10	1,905	34	—	1,500	321	50	3,238	3	—	3,112	113	10
9	1,887	—	5	1,406	428	48	4,661	—	12	2,569	1,897	183
8	1,968	—	—	1,621	304	43	615	1	2	456	22	134
7	1,454	27	—	1,336	68	23	2,359	6	—	2,310	28	15
6	2,307	3	—	2,191	84	29	1,616	—	—	1,567	33	16
5	826	4	—	636	160	26	846	1	—	426	390	29
4	547	—	—	219	287	41	1,104	—	—	197	869	38
3	7,645	6,498	—	104	1,002	41	7,454	6,498	—	13	781	162
2	2,360	—	—	6	1,630	724	1,361	—	—	4	1,105	252
1	81	—	—	—	1	80	2	—	—	—	—	2
										<b>Total trips:</b>		<b>58,618</b>

**BLAINE HARBOR, WA**  
No Vessel Trips Reported

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

Grand Total	Upbound				Downbound						
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug			
	13,611	13,603	—	8	—	—	—	8	—	—	
								<b>Total trips:</b>			<b>27,222</b>

**FLATHEAD LAKE, MT**  
No Vessel Trips Reported

**HOQUIAM RIVER, WA**  
No Vessel Trips Reported

**KOOTENAI RIVER, ID AND MT**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 2002  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>NEAH BAY, WA</b> (14 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>5</b>	<b>---</b>	<b>---</b>		<b>5</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>---</b>		<b>3</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>8</b>
<b>PORT GAMBLE HARBOR, WA</b> (12 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>29</b>	<b>---</b>	<b>---</b>		<b>29</b>	<b>---</b>	<b>29</b>	<b>---</b>	<b>---</b>		<b>29</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>58</b>
<b>PORT TOWNSEND HARBOR, WA</b> (28 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>4,522</b>	<b>4,326</b>	<b>---</b>	<b>116</b>	<b>64</b>	<b>16</b>	<b>4,504</b>	<b>4,319</b>	<b>---</b>	<b>110</b>	<b>61</b>	<b>14</b>
										<b>Total trips:</b>	<b>---</b>	<b>9,026</b>
<b>QUILLAYUTE RIVER, WA</b> (5 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>1</b>	<b>---</b>	<b>---</b>		<b>1</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>---</b>		<b>2</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>3</b>
<b>SKAGIT RIVER, WA</b> (12 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>68</b>	<b>66</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>1</b>	<b>25</b>	<b>22</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>1</b>
										<b>Total trips:</b>	<b>---</b>	<b>93</b>
<b>STILLAGUAMISH RIVER, WA</b> No Vessel Trips Reported												
<b>SWINOMISH CHANNEL, WA</b> (12 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>154</b>	<b>6</b>	<b>---</b>	<b>129</b>	<b>18</b>	<b>1</b>	<b>124</b>	<b>6</b>	<b>---</b>	<b>98</b>	<b>19</b>	<b>1</b>
										<b>Total trips:</b>	<b>---</b>	<b>278</b>
<b>WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA</b> (17 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>50</b>	<b>---</b>	<b>---</b>	<b>50</b>	<b>---</b>	<b>---</b>	<b>33</b>	<b>---</b>	<b>---</b>	<b>33</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>83</b>
<b>WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA</b> (13 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>219</b>	<b>---</b>	<b>---</b>	<b>98</b>	<b>121</b>	<b>---</b>	<b>221</b>	<b>---</b>	<b>---</b>	<b>102</b>	<b>119</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>440</b>

Trips and Drafts of Vessels, 2002  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COEUR D ALENE LAKE AND ST. JOE RIVER, ID</b> (7 feet and less)												
	Upbound						Downbound					
<b>Grand Total</b>	<b>526</b>	<b>---</b>	<b>---</b>	<b>526</b>	<b>---</b>	<b>---</b>	<b>526</b>	<b>---</b>	<b>---</b>	<b>526</b>	<b>---</b>	<b>---</b>
											<b>Total trips:</b>	<b>1,052</b>
<b>OTHER PUGET SOUND AREA PORTS, WA</b> (56 feet and less)												
	Inbound						Outbound					
<b>Grand Total</b>	<b>113,120</b>	<b>108,670</b>	<b>272</b>	<b>3,288</b>	<b>498</b>	<b>392</b>	<b>113,760</b>	<b>108,675</b>	<b>282</b>	<b>3,293</b>	<b>1,098</b>	<b>412</b>
											<b>Total trips:</b>	<b>226,880</b>

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US Army Corps of Engineers  
Dredging Contracts Awarded

**District Seattle**

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
FY 1998 Awards								
EVERETT HARBOR, WA	P	9/14/1998	335,000	\$1,265,500	\$965,000	MANSON CONSTR. & ENGRNG CO	L	2
Lake Crockett	B	9/22/1998	30,000	\$224,000	\$160,500	A.H. POWERS INC.	S	3
QUILLAYUTE RIVER	P	1/6/1998	120,000	\$977,000	\$791,948	MCDUGAL CONSTRUCTION CORP	S	4
Quillayute River	X	8/28/1998	145,000	\$880,760	\$1,121,700	PORTABLE HYDRAULIC DREDGING	E	3
WILLAPA HARBOR, WA	B	9/3/1998	30,000	\$209,000	\$191,000	A.H. POWERS INC.	S	2
			660,000	\$3,556,260	\$3,230,148			
FY 1999 Awards								
Blair WaterwayChannel Deepen	B	9/10/1999	1,150,000	\$4,158,500	\$4,077,000	AMERICAN CONSTRUCTION CO.	S	2
EVERETT HARBOR & SNOHOMISH	P	8/24/1999	220,000	\$1,179,000	\$1,066,000	MANSON CONSTR. & ENGRNG CO	L	2
Grays Harbor & Ch. R.-Outer H	H	3/2/1999	1,300,000	\$3,847,000	\$3,928,000	MANSON CONSTR. & ENGRNG CO	L	1
Inner Grays Harbor	B	1/20/1999	2,880,000	\$7,886,000	\$6,372,500	DUTRA DREDGING CO.	L	3
Quillayute River	U	9/17/1999	127,000	\$1,072,800	\$897,500	NEHALEM RIVER DREDGING	E	2
Seattle Harbor	B	1/19/1999	100,000	\$470,000	\$338,000	A.H. POWERS INC.	S	2
			5,777,000	\$18,613,300	\$16,679,000			
FY 2000 Awards								
E Waterway Deepening Stage 1	B	10/20/1999	265,000	\$5,531,720	\$6,738,360	WILDER CONSTRUCTION	S	4
			265,000	\$5,531,720	\$6,738,360			
FY 2001 Awards								
EVERETT HBR/SNOHOMISH	P	1/3/2001	200,000	\$1,205,000	\$640,000	MANSON CONSTR. & ENGRNG CO	L	4
Grays Hbr & Ch. River-Outer	H	5/22/2001	450,000	\$1,567,491	\$1,220,000	MANSON CONSTR. & ENGRNG CO	L	3
Inner Grays Harbor	B	12/18/2000	550,000	\$1,802,000	\$1,327,000	DUTRA DREDGING CO.	L	2
WILLAPA HARBOR, WA	B	9/18/2001	35,000	\$525,673	\$633,400	AMERICAN CONSTRUCTION CO.	S	2
			1,235,000	\$5,100,164	\$3,820,400			
FY 2002 Awards								
Everett Harbor	P	12/18/2001	150,000	\$940,800	\$914,000	MANSON CONSTR. & ENGRNG CO	L	1
Grays Hbr & Ch. River-Inner	B	8/8/2002	1,500,000	\$3,786,000	\$3,454,000	MANSON CONSTR. & ENGRNG CO	L	3
Grays Hbr & Ch. River-Outer	Z	4/9/2002	200,000	\$1,636,647	\$1,635,000	MANSON CONSTR. & ENGRNG CO	L	1
Quillayute LaPush, WA	P	11/22/2002	100,000	\$836,304	\$729,777	STEELHEAD CONSTRUCTORS	S	3
Seattle Harbor/Duwamish	B	10/25/2001	100,000	\$454,500	\$341,750	AMERICAN CONSTRUCTION CO.	S	3
			2,050,000	\$7,654,251	\$7,074,527			

US Army Corps of Engineers  
Dredging Contracts Awarded

**District Seattle**

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
FY 2003 Awards								
GRAYS HBR/SOUTH REACH	H	4/15/2003	400,000	\$1,142,738	\$964,000	MANSON CONSTR. & ENGRNG CO	L	2
			400,000	\$1,142,738	\$964,000			

Dredge Type  
 B Bucket  
 D Dustpan  
 H Hopper  
 N Nonconventional  
 P Pipeline

S Sidecaster  
 W Combination - All Types  
 X Pipeline & Bucket  
 Y Pipeline & Hopper  
 Z Hopper & Bucket  
 u undefined

Status of Business  
 E Emerging  
 L Large  
 S Small

## Port Facilities by Waterway

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Waterway: **Bellingham Bay** Mile: PWD: 103  
 Name: **Arrowac Fisheries, Bellingham Pier.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, north of foot of Harris Avenue extended, Datum: MLLW  
 Bellingham.  
 Operator: Arrowac Fisheries Inc.  
 Owner: Port of Bellingham.  
 Address: 207 Harris Avenue. Phone: 360/676-1606  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Receipt of seafood.  
 Depth Alongside (feet): 17 - 21 | 6 - 21 | 6 - 17 Latitude (decimal): 48.72194  
 Total Berthing Space (feet): 90 | 200 | 180 Longitude (decimal): -122.5139  
 Remarks: Seafood processing plant is located in a 200- by 60-foot, 2-story, timber building on pier. Warehouse No. 9 owned by Port of Bellingham (S. W. Ref. No. 8) is located at rear of pier.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91287    Seattle District

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Waterway: **Bellingham Bay** Mile: PWD: 102  
 Name: **Maritime Contractors, Bellingham Pier.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, north of foot of Harris Avenue extended, Datum: MLLW  
 Bellingham.  
 Operator: Maritime Contractors Inc.  
 Owner: Port of Bellingham.  
 Address: 210 Harris Avenue. Phone: 360/647-0080  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair; mooring floating drydocks.  
 Depth Alongside (feet): 40 | 40 | 40 Latitude (decimal): 48.72222  
 Total Berthing Space (feet): | 500 | 700 Longitude (decimal): -122.5147  
 Remarks: Shop building is located on inner end of pier. Marine repair plant is located at rear. One 1,000-ton floating drydock is moored at west side of pier, and one 700-ton, marine railway is located at inner end of w 3,000-ton floating drydock is moored at face of a 135- by 25-foot, timber pile, timber-decked pier located 150 feet west of marine railway.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91287    Seattle District

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## Port Facilities by Waterway

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Waterway: **Bellingham Bay** Mile: PWD: 106  
 Name: **Port of Bellingham, South Terminal Barge Dock.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, east of foot of 4th Street extended, Bellingham. Datum: MLLW  
 Operator: Port of Bellingham.  
 Owner: Port of Bellingham.  
 Address: 1801 Roeder Avenue. Phone: 360/676-2500  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Handling supplies and equipment.  
 Depth Alongside (feet): 12 - 18 | Latitude (decimal): 48.72167  
 Total Berthing Space (feet): 120 | Longitude (decimal): -122.5094  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91287 Seattle District

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Waterway: **Bellingham Bay** Mile: PWD: 140  
 Name: **Tilbury Cement, Bellingham Pier.**  
 Port: Northwest Washington  
 Location: Northeast shore of Bellingham Bay, approximately 0.5 mile north of Squaticum Creek Datum: MLLW  
 Waterway, Bellingham.  
 Operator: Tilbury Cement Limited.  
 Owner: Tilbury Cement Limited.  
 Address: 741 Marine Drive. Phone: 360/733-6720  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Shipment of bulk cement by barge.  
 Depth Alongside (feet): 18 | 14 | Latitude (decimal): 48.76056  
 Total Berthing Space (feet): 550 | 130 | Longitude (decimal): -122.5219  
 Remarks: Nineteen concrete storage silos at plant have total capacity for 28,200 tons of cement; a number of silos were not in use at time of survey.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91287 Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 036  
 Name: **Concrete Technology Corp., Main Bay Slip and Barge Docks.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, approximately 900 feet above East 11th Street extended. Datum: MLLW  
 Operator: Concrete Technology Corp.  
 Owner: Anderson Enterprises.  
 Address: 1123 Port of Tacoma Road. Phone: 253/404-2216  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt of aggregate; shipment of prestressed-concrete structural members by barge.  
 Depth Alongside (feet): 2 - 40 | 6 - 40 | 40 Latitude (decimal): 47.26917  
 Total Berthing Space (feet): 250 | 170 | 455 Longitude (decimal): -122.4017  
 Remarks: A 510- by 160-foot, steel sheet pile graving dock is located at lower side of Lower Barge Berth.  
           Concrete-decked platform with transfer ramp is located immediately above craneway.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 035  
 Name: **Concrete Technology Corp., Whirley Pier.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, approximately 1,200 feet above East 11th Street extended. Datum: MLLW  
 Operator: Concrete Technology Corp.  
 Owner: Anderson Enterprises.  
 Address: 1123 Port of Tacoma Road. Phone: 253/404-2216  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of prestressed-concrete structural members by barge.  
 Depth Alongside (feet): 10 - 15 | 10 - 15 | Latitude (decimal): 47.26833  
 Total Berthing Space (feet): 158 | | Longitude (decimal): -122.4006  
 Remarks: Approximately 3 acres of open storage area and a prestressed-concrete casting bed at rear are served by a whirley crane.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 027  
 Name: **Georgia-Pacific Gypsum Corp., Tacoma Plant Wharf.**  
 Port: Tacoma  
 Location: North side of Blair Waterway, approximately 0.4 mile above East 11th Street extended. Datum: MLLW  
 Operator: Georgia-Pacific Gypsum Corp.  
 Owner: Port of Tacoma.  
 Address: 1240 Alexander Avenue. Phone: 253/627-2108, e  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: One surface track serves plant in rear; connects with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt of gypsum rock by self-unloading vessel.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 47.26861  
 Total Berthing Space (feet): 700 | | Longitude (decimal): -122.3958  
 Remarks: One steel frame, 42,500-square-foot, covered storage building in rear has capacity for approximately 32,000 tons of gypsum rock.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 026  
 Name: **Graymont Western U.S., Tacoma Lime Wharf.**  
 Port: Tacoma  
 Location: North side of Blair Waterway, approximately 1,300 feet above East 11th Street extended. Datum: MLLW  
 Operator: Graymont Western U.S., Inc.  
 Owner: Graymont Western U.S., Inc.  
 Address: 1220 Alexander Avenue. Phone: 253/428-6553  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Three surface tracks serving plant in rear connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt of limestone; occasional shipment of calcium carbonate slurry.  
 Depth Alongside (feet): 32 | | Latitude (decimal): 47.26972  
 Total Berthing Space (feet): 335 | | Longitude (decimal): -122.3978  
 Remarks: Open storage area in rear has capacity for 15,000 tons of limestone; an additional 1,900 tons of lime is stored in 6 silos at plant in rear. One 6-inch pipeline for slurry extends to wharf from 7 steel storage tanks in rear, total capacity 1,385,000 gallons.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 025  
 Name: **Jesse Engineering, Tacoma Dock.**  
 Port: Tacoma  
 Location: North side of Blair Waterway, approximately 700 feet above East 11th Street extended. Datum: MLLW  
 Operator: Jesse Engineering.  
 Owner: A. H. Powers, Inc.  
 Address: 1110 Alexander Avenue. Phone: 206/283-9996  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of fabricated steel products; handling construction materials, supplies, and equipment.  
 Depth Alongside (feet): 20 - 35 | 5 - 15 | Latitude (decimal): 47.27083  
 Total Berthing Space (feet): 290 | 70 | Longitude (decimal): -122.3994  
 Remarks: -

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 030  
 Name: **Port of Tacoma, Blair Waterway Barge Slip.**  
 Port: Tacoma  
 Location: West side of Blair Waterway turning basin. Datum: MLLW  
 Operator: Not operated.  
 Owner: Port of Tacoma.  
 Address: 2501 Port of Tacoma Road. Phone:  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 0 | | Latitude (decimal): 47.25694  
 Total Berthing Space (feet): 215 | | Longitude (decimal): -122.3833  
 Remarks: -

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 031  
 Name: **Port of Tacoma, Blair Waterway Terminal Wharf.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, approximately 0.6 mile above Lincoln Avenue extended. Datum: MLLW  
 Operator: Port of Tacoma. (See Remarks.)  
 Owner: Port of Tacoma.  
 Address: 2421 Port of Tacoma Road. Phone: 253/591-9896  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of logs.  
 Depth Alongside (feet): 51 | | Latitude (decimal): 47.25972  
 Total Berthing Space (feet): 1200 | | Longitude (decimal): -122.3844  
 Remarks: Approximately 2 acres of asphalt-surfaced open storage area are located at rear of wharf. Murray-Pacific Corp. leases 19 acres of open storage area for storage of logs.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 029  
 Name: **Port of Tacoma, Pierce County Terminal, Berths A and B.**  
 Port: Tacoma  
 Location: South side, inner end of Blair Waterway. Datum: MLLW  
 Operator: Port of Tacoma.  
 Owner: Port of Tacoma.  
 Address: 3201 Port of Tacoma Road. Phone:  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Two surface tracks on apron, total length 1,600 feet, and two 640-foot platform-level tracks along rear of transit shed; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt of automobiles; receipt and shipment of lumber, heavy-lift items, and conventional general cargo.  
 Depth Alongside (feet): 51 | | Latitude (decimal): 47.25389  
 Total Berthing Space (feet): 1400 | | Longitude (decimal): -122.3783  
 Remarks: Approximately 80 acres of open storage area for automobiles, 20 acres for conventional general cargo, and a 24,000-square-foot, open-sided lumber storage warehouse are located at terminal. Three storage warehouses, two of Tacoma, and located at rear of transit shed, were privately leased at time of survey (2002).  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91188 Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 037  
 Name: **Port of Tacoma, Terminal 4, Marine Terminals Corp., Evergreen Term**  
 Port: Tacoma  
 Location: South side of Blair Waterway, below East 11th Street extended. Datum: MLLW  
 Operator: Marine Terminals Corp.  
 Owner: Port of Tacoma.  
 Address: 901 Port of Tacoma Road. Phone: 253/680-2278  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Eight 3,200-foot surface tracks located at rear of terminal with capacity for 88 double-stack container railcars or 264 conventional railcars; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 51 | | Latitude (decimal): 47.2725  
 Total Berthing Space (feet): 1900 | | Longitude (decimal): -122.4058  
 Remarks: Approximately 75 acres of paved, open storage area including 480 electrical outlets for refrigerated containers are located at terminal in rear. The 50- and 46-ton container cranes were not in use at time of survey (2)  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91188 Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 038  
 Name: **Port of Tacoma, Terminal No. 3.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, 0.5 mile below East 11th Street extended. Datum: MLLW  
 Operator: Marine Terminals Corp.  
 Owner: Port of Tacoma.  
 Address: 901 Port of Tacoma Road. Phone: 253/680-2278  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Eight 3,200-foot surface tracks located at rear of terminal with capacity for 88 double-stack container railcars or 264 conventional railcars; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 51 | 31 | Latitude (decimal): 47.27639  
 Total Berthing Space (feet): 950 | 900 | Longitude (decimal): -122.4128  
 Remarks: Berth on lower side occasionally is used for idle mooring. At time of survey (2002), plans called for the slip to be filled in.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91188 Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 024  
 Name: **Tru-Grit, Tacoma Wharf.**  
 Port: Tacoma  
 Location: North side of Blair Waterway, approximately 350 feet above East 11th Street extended. Datum: MLLW  
 Operator: Jesse Engineering and Tru-Grit, Inc.  
 Owner: A. H. Powers, Inc.  
 Address: 1110 Alexander Avenue. Phone: 253/627-4480  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of fabricated steel products; receipt of copper slag.  
 Depth Alongside (feet): 15 - 20 | | Latitude (decimal): 47.27167  
 Total Berthing Space (feet): 160 | | Longitude (decimal): -122.4006  
 Remarks: Tru-Grit, Inc.: Open storage area located in rear has capacity for 10,000 tons of copper slag which is granulated for use in roofing materials.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91188 Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 033  
 Name: **U.S. Oil & Refining Co., Tacoma Terminal, Dock No. 1.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, approximately 0.4 mile above East 11th Street extended. Datum: MLLW  
 Operator: U.S. Oil & Refining Co.  
 Owner: U.S. Oil & Refining Co.  
 Address: 1735 Port of Tacoma Road. Phone: 253/383-1651  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt and shipment of petroleum products; receipt of crude oil by barge and ship; bunkering service.  
 Depth Alongside (feet): 40 | | Latitude (decimal): 47.26639  
 Total Berthing Space (feet): 645 | | Longitude (decimal): -122.3972  
 Remarks: Two mooring dolphins, spaced 831 feet apart, provide berthing space for vessels 645 feet in length. One 16-, one 10-, and three 8-inch pipelines extend from wharf to 9 crude oil storage tanks, total capacity 630,000 b petroleum products storage tanks, total capacity 1,621,900 barrels, located at rear and at refinery approximately 3/4 mile in rear. Two 3-inch flush lines also serve wharf.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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Waterway: **Blair Waterway** Mile: PWD: 034  
 Name: **U.S. Oil & Refining Co., Tacoma Terminal, Dock No. 2.**  
 Port: Tacoma  
 Location: South side of Blair Waterway, approximately 0.3 mile above East 11th Street extended. Datum: MLLW  
 Operator: U.S. Oil & Refining Co.  
 Owner: U.S. Oil & Refining Co.  
 Address: 1735 Port of Tacoma Road. Phone: 253/383-1651  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt and shipment of petroleum products by barge; fueling small vessels; supplying bunkering barges.  
 Depth Alongside (feet): 40 | | Latitude (decimal): 47.26778  
 Total Berthing Space (feet): 450 | | Longitude (decimal): -122.3997  
 Remarks: One 10-, two 8-, and one 3-inch pipelines extend from face to the storage tanks described under Dock No. 1 (Ref. No. 33). One 1/2-inch, compressed air line and a sump pump also serve wharf.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91188    Seattle District

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## Port Facilities by Waterway

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Waterway: **Blair Waterway** Mile: PWD: 028  
 Name: **Weyerhaeuser Paper Co., Puget Sound Chip Center Wharf.**  
 Port: Tacoma  
 Location: North side of Blair Waterway, approximately 0.5 mile above Lincoln Avenue extended. Datum: MLLW  
 Operator: Weyerhaeuser Paper Co.  
 Owner: Port of Tacoma.  
 Address: 2340 Alexander Avenue. Phone: 253/924-4610  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Two surface tracks serving combination railcar/truck dumper (rate 5 cars per hour) join 8 additional surface storage tracks, total length 3,200 feet; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt of wood chips by barge and shipment by vessel.  
 Depth Alongside (feet): 40 - 51 | 20 - 51 | Latitude (decimal): 47.26194  
 Total Berthing Space (feet): 800 | | Longitude (decimal): -122.3847  
 Remarks: Open storage area located at rear has capacity for 155,000 bone dry units (185,000 tons) of wood chips. One combination railcar/truck dumper (rate 350 tons per hour) and one truck dumper (rate 10 trucks or 300 tons per a 48-inch, electric belt conveyor extending to storage area.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91188 Seattle District

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Waterway: **Budd Inlet** Mile: PWD: 061  
 Name: **Brown-Minneapolis Tank, Northwest Wharf.**  
 Port: Tacoma  
 Location: Olympia, west shore of Budd Inlet, approximately 0.8 mile north of 4th Avenue Bridge Datum: MLLW at head of Inlet.  
 Operator: Brown-Minneapolis Tank, Northwest, LLC.  
 Owner: Brown-Minneapolis Tank, Northwest, LLC.  
 Address: 1218 West Bay Drive NW. Phone: 360/352-7575  
 Town: Olympia State: WA County: Thurston  
 Railway Connection: One surface track serves plant in rear; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Mooring vessels and barges.  
 Depth Alongside (feet): 0 - 12 | | Latitude (decimal): 47.05583  
 Total Berthing Space (feet): 150 | | Longitude (decimal): -122.9108  
 Remarks: A steel fabrication plant is located in rear; launching way located on north side of craneway was previously used for launching steel tanks and occasionally for small vessels.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91178 Seattle District

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## Port Facilities by Waterway

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Waterway: **Budd Inlet** Mile: PWD: 062  
 Name: **Dunlap Towing Co., Olympia Log Lift.**  
 Port: Tacoma  
 Location: Olympia, west shore of Budd Inlet, approximately 1.5 miles north of 4th Avenue Datum: MLLW  
           Bridge at head of Inlet.  
 Operator: Dunlap Towing Co.  
 Owner: West Bay Drive Associates.  
 Address: 2003 West Bay Drive NW. Phone: 360/352-5520  
 Town: Olympia State: WA County: Thurston  
 Railway Connection: None.  
 Purpose: Receipt and occasional shipment of rafted logs.  
 Depth Alongside (feet):       0   |       | Latitude (decimal): 47.06694  
 Total Berthing Space (feet):       |       | Longitude (decimal): -122.9164  
 Remarks: Approximately 7 acres of open log storage area are located in rear. A 4-acre log boom area located adjacent to log lift has capacity for approximately 15,000 tons.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91178    Seattle District

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Waterway: **Budd Inlet** Mile: PWD: 063  
 Name: **Dunlap Towing Co., Olympia Wood Chip Dock.**  
 Port: Tacoma  
 Location: Olympia, west shore of Budd Inlet, approximately 1.5 miles north of 4th Avenue Datum: MLLW  
           Bridge at head of Inlet.  
 Operator: Dunlap Towing Co.  
 Owner: West Bay Drive Associates.  
 Address: 2003 West Bay Drive NW. Phone: 360/352-5520  
 Town: Olympia State: WA County: Thurston  
 Railway Connection: None.  
 Purpose: Shipment of wood chips.  
 Depth Alongside (feet):       10   |       | Latitude (decimal): 47.0675  
 Total Berthing Space (feet):   240   |       | Longitude (decimal): -122.9169  
 Remarks: Open storage area located at rear has capacity for 7,500 tons of wood chips.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91178    Seattle District

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## Port Facilities by Waterway

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Waterway: **Budd Inlet** Mile: PWD: 060  
 Name: **Port of Olympia, Terminal Wharf.**  
 Port: Tacoma  
 Location: West side of peninsula at head of Budd Inlet. Datum: MLLW  
 Operator: Port of Olympia.  
 Owner: Port of Olympia.  
 Address: 915 N. Washington Street NE. Phone: 360/528-8021  
 Town: Olympia State: WA County: Thurston  
 Railway Connection: One platform-level track serves Shed A and open storage area in rear; connects with Union Pacific Railroad and Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of logs, lumber, and containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 35 - 40 | | Latitude (decimal): 47.05472  
 Total Berthing Space (feet): 1900 | | Longitude (decimal): -122.905  
 Remarks: Approximately 60 acres of paved, open storage area including 250 electrical outlets for refrigerated containers, are located at terminal in rear; an additional 4 acres of unpaved, open storage area are adjacent to term Storage areas are used mainly for logs.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91178 Seattle District

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Waterway: **Chehalis River** Mile: 0 PWD: 078  
 Name: **Pakonen & Son, Marine Repair Wharf.**  
 Port: Grays Harbor  
 Location: Mile 0.1, left bank, Chehalis River, Cosmopolis, approximately 1,000 feet above U.S. Highway 101 Bridge. Datum: MLLW  
 Operator: Pakonen & Son.  
 Owner: Pakonen & Son and State of Washington.  
 Address: 704 W. Front Street. Phone: 360/533-3980  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Occasional mooring of small vessels for outfitting and repair.  
 Depth Alongside (feet): 0 - 5 | | Latitude (decimal): 46.97278  
 Total Berthing Space (feet): 180 | | Longitude (decimal): -123.8017  
 Remarks: One 50- and one 25-ton marine railways are located adjacent to upper end of bulkhead.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91018 Seattle District

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## Port Facilities by Waterway

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Waterway: **Chehalis River** Mile: 0      PWD: 077  
 Name: **Weyerhaeuser Co., Aberdeen Saw Mill, Lumber Wharf.**  
 Port: Grays Harbor  
 Location: Mile 0.3, left bank, Chehalis River, Cosmopolis, approximately 1,700 feet above U.S. Datum: MLLW Highway 101 Bridge.  
 Operator: Weyerhaeuser Co.  
 Owner: Weyerhaeuser Co.  
 Address: 500 North Custer Street. Phone: 360/537-8216  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of lumber by barge.  
 Depth Alongside (feet): 24 - 33 | Latitude (decimal): 46.97389  
 Total Berthing Space (feet): 900 | Longitude (decimal): -123.7992  
 Remarks: Approximately one acre of open storage area for lumber is located on wharf; 15 acres of open storage area for logs, located at east end of mill, have capacity for 10,000,000 board feet.

Port Series: 35      Year of Last Survey: 2003      Corps of Engnr's Waterway Code: 91018      Seattle District

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Waterway: **Chehalis River** Mile: 1      PWD: 076  
 Name: **Weyerhaeuser Co., Aberdeen Saw Mill, Wood Chip Wharf.**  
 Port: Grays Harbor  
 Location: Mile 0.6, left bank, Chehalis River, Cosmopolis, approximately 3,000 feet above U.S. Datum: MLLW Highway 101 Bridge.  
 Operator: Weyerhaeuser Co.  
 Owner: Weyerhaeuser Co.  
 Address: 500 North Custer Street. Phone: 360/537-8216  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of wood chips.  
 Depth Alongside (feet): 21 - 24 | Latitude (decimal): 46.975  
 Total Berthing Space (feet): 480 | Longitude (decimal): -123.7939  
 Remarks: Open storage area located at rear has capacity for 20,000 bone dry tons of wood chips.

Port Series: 35      Year of Last Survey: 2003      Corps of Engnr's Waterway Code: 91018      Seattle District

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## Port Facilities by Waterway

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Waterway: **Chehalis River** Mile: 2      PWD: 073  
 Name: **Sierra Pacific Industries, Junction City Wharf.**  
 Port: Grays Harbor  
 Location: Mile 1.8, right bank of Chehalis River, Junction City. Datum: MLLW  
 Operator: Sierra Pacific Industries.  
 Owner: Sierra Pacific Industries.  
 Address: 301 Hagara Street. Phone: 360/532-2323  
 Town: Junction City State: WA County: Grays Harbor  
 Railway Connection: One surface track serves plant in rear; connects with Puget Sound & Pacific Railroad and Burlington Northern Santa Fe Railway.  
 Purpose: Shipment of wood chips; receipt and shipment of logs.  
 Depth Alongside (feet): 27 - 28 | | Latitude (decimal): 46.97222  
 Total Berthing Space (feet): 825 | | Longitude (decimal): -123.7775  
 Remarks: Approximately 45 acres of open storage area are located in rear. Sawmill was under construction at time of survey (2002).

Port Series: 35      Year of Last Survey: 2003      Corps of Engrns Waterway Code: 91018      Seattle District

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Waterway: **Chehalis River** Mile: 2      PWD: 074  
 Name: **Weyerhaeuser Co., Bay City Log Export, Berth No. 1.**  
 Port: Grays Harbor  
 Location: Mile 2.1, Cosmopolis, left bank of Chehalis River. Datum: MLLW  
 Operator: Weyerhaeuser Co.  
 Owner: Weyerhaeuser Co.  
 Address: 425 East Perry Street. Phone: 360/537-8216  
 Town: Cosmopolis State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of logs by vessel and barge; occasional shipment of lumber.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 46.96694  
 Total Berthing Space (feet): 725 | | Longitude (decimal): -123.7786  
 Remarks: Logs are loaded using ships' gear. Approximately 27 acres of open storage area located at rear have capacity for 25,000,000 board feet of material.

Port Series: 35      Year of Last Survey: 2003      Corps of Engrns Waterway Code: 91018      Seattle District

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Waterway: **Chehalis River** Mile: 2      PWD: 075  
 Name: **Weyerhaeuser Co., Bay City Log Export, Berth No. 2.**  
 Port: Grays Harbor  
 Location: Mile 2.0, Cosmopolis, left bank of Chehalis River. Datum: MLLW  
 Operator: Weyerhaeuser Co.  
 Owner: Weyerhaeuser Co.  
 Address: 425 East Perry Street. Phone: 360/537-8216  
 Town: Cosmopolis State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of logs by vessel and barge; occasional shipment of lumber.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 46.96806  
 Total Berthing Space (feet): 725 | | Longitude (decimal): -123.7792  
 Remarks: Open storage area located at rear is described under Ref. No. 74.

Port Series: 35      Year of Last Survey: 2003      Corps of Engrns Waterway Code: 91018      Seattle District

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## Port Facilities by Waterway

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Waterway: **Commencement Bay** Mile: PWD: 056  
 Name: **City of Tacoma, Fire Station No. 5 Pier.**  
 Port: Tacoma  
 Location: Southwest shore of Commencement Bay, foot of north 33d Street extended. Datum: MLLW  
 Operator: City of Tacoma Fire Department.  
 Owner: City of Tacoma.  
 Address: 3301 N. Ruston Way. Phone: 253/591-5737  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Occasional mooring of city fireboats.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.28278  
 Total Berthing Space (feet): 80 | | Longitude (decimal): -122.4797  
 Remarks: Fire Station No. 5, housing only a historic fire truck, is located on shore in rear. Fire department utilizes float for operations when necessary.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91181 Seattle District

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Waterway: **Commencement Bay** Mile: PWD: 001  
 Name: **Foss Maritime Co., West Hylebos Moorings.**  
 Port: Tacoma  
 Location: Commencement Bay, northwest of entrance of Hylebos Waterway. Datum: MLLW  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: Phone:  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring barges.  
 Depth Alongside (feet): | | Latitude (decimal): 47.29583  
 Total Berthing Space (feet): 20 | | Longitude (decimal): -122.4278  
 Remarks: Mooring area has capacity for approximately 20 barges in depths of up to 200 feet. Approximately 43 acres of log boom area are located south of moorings, north of Hylebos Waterway.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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## Port Facilities by Waterway

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Waterway: **Commencement Bay** Mile: PWD: 055  
 Name: **Tacoma Export Marketing Co., Tacoma Elevator Wharf.**  
 Port: Tacoma  
 Location: Southwest shore of Commencement Bay, foot of Division Street extended. Datum: MLLW  
 Operator: Tacoma Export Marketing Co.  
 Owner: Port of Tacoma.  
 Address: 11 Schuster Parkway. Phone: 253/572-3511  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Seven surface tracks serving 2 undertrack pits at rear of grain elevator join with 330-car-capacity storage yard; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Shipment of grain.  
 Depth Alongside (feet): 65 | | Latitude (decimal): 47.26639  
 Total Berthing Space (feet): 910 | | Longitude (decimal): -122.4431  
 Remarks: Grain elevator in rear has 48 concrete silos with 30 interstitial compartments, total capacity 3,000,000 bushels.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91181 Seattle District

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Waterway: **Commencement Bay** Mile: PWD: 019  
 Name: **Trident Seafoods Corp., Pier 24.**  
 Port: Tacoma  
 Location: Commencement Bay, approximately 300 feet south of entrance to Hylebos Waterway. Datum: MLLW  
 Operator: Trident Seafoods Corp.  
 Owner: Port of Tacoma.  
 Address: 401 Alexander Avenue. Phone: 253/502-5302  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair and maintenance.  
 Depth Alongside (feet): 31 | 28 - 34 | Latitude (decimal): 47.28389  
 Total Berthing Space (feet): | 592 | Longitude (decimal): -122.4111  
 Remarks: Pier is equipped with service lines for supplying compressed air, acetylene gas, and electricity for welding units.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91189 Seattle District

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Waterway: **Commencement Bay** Mile: PWD: 057  
 Name: **Washington State Ferries, Point Defiance Ferry Terminal Slip.**  
 Port: Tacoma  
 Location: Point Defiance Park, southwest shore of Commencement Bay, at foot of Pearl Street. Datum: MLLW  
 Operator: State of Washington, Department of Transportation.  
 Owner: State of Washington.  
 Address: 5810 N. Pearl Street. Phone:  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferry 'Rhodedendron' to Tahlequah on Vashon Island.  
 Depth Alongside (feet): 18 | | Latitude (decimal): 47.30611  
 Total Berthing Space (feet): | | Longitude (decimal): -122.5142  
 Remarks: -

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91181 Seattle District

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## Port Facilities by Waterway

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Waterway: **Drayton Harbor/Semiahmoo Bay** Mile: PWD: 145  
 Name: **Holly Hansen, Blaine Wharf.**  
 Port: Northwest Washington  
 Location: Drayton Harbor, Semiahmoo Bay, north side of Blaine Harbor, approximately 1,100 feet from outer end, Blaine Datum: MLLW  
 Operator: Holly Hansen.  
 Owner: Port of Bellingham.  
 Address: Phone: 360/332-8037  
 Town: Blaine State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 48.99333  
 Total Berthing Space (feet): 40 | | Longitude (decimal): -122.7619  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91298 Seattle District

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Waterway: **Drayton Harbor/Semiahmoo Bay** Mile: PWD: 144  
 Name: **Port of Blaine, Commercial Basin, Piers A, B, C, D, E, F, G, and H**  
 Port: Northwest Washington  
 Location: Drayton Harbor, Semiahmoo Bay, approximately 1,200 feet inside entrance to Blaine Harbor, Blaine Datum: MLLW  
 Operator: Port of Blaine.  
 Owner: Port of Bellingham.  
 Address: Phone: 360/332-8037  
 Town: Blaine State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring commercial fishing vessels.  
 Depth Alongside (feet): 12 | 12 | 12 Latitude (decimal): 48.9925  
 Total Berthing Space (feet): 28 | 34 | 25 Longitude (decimal): -122.76  
 Remarks: Approach ramp extends from face of a 50- by 15-foot, timber pile, timber-decked pier. A 100- by 15-foot, timber pile, timber-decked pier located approximately 500 feet east of approach is used for handling nets. installation of seven additional concrete floats east of Commercial Basin.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91298 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 060  
 Name: **Alaska Marine Lines, Dock No. 2.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 300 feet south of 1st Avenue South Bridge. Datum: MLLW  
 Operator: Alaska Marine Lines, Inc.  
 Owner: Lynden, Inc.  
 Address: 7100 2d Avenue S.W. Phone: 206-768-3353  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Occasional receipt and shipment of conventional and containerized general cargo in domestic trade (Alaska); mooring vessels.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.54056  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -122.3333  
 Remarks: Approximately 3 acres of partly paved, open storage area and a 10,000-square-foot warehouse are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 057  
 Name: **Alaska Washington Building Materials Co. Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, above foot of 5th Avenue South. Datum: MLLW  
 Operator: Not operated.  
 Owner: Alaska Washington Building Materials Co.  
 Address: 7410 5th Avenue South Phone: 206-525-0500  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 2 - 12 | | Latitude (decimal): 47.53667  
 Total Berthing Space (feet): 175 | | Longitude (decimal): -122.3278  
 Remarks: Open storage area with capacity for approximately 60,000 tons of material is located at rear. Property was for sale at time of survey.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 037  
 Name: **Ash Grove Cement Co., North Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, approximately 850 feet south of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: Ash Grove Cement Co.  
 Owner: Ash Grove Cement Co.  
 Address: 3801 East Marginal Way South. Phone: 206-694-6210  
 Town: Seattle State: WA County: King  
 Railway Connection: Five surface tracks serve yard at rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Occasional shipment of bulk cement.  
 Depth Alongside (feet): 25 | | Latitude (decimal): 47.56833  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.3456  
 Remarks: Seventeen cement storage silos, with 4 interstitial storage bins at cement plant located in rear, have total capacity for 54,500 tons of cement.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 038  
 Name: **Ash Grove Cement Co., South Pier.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, approximately 1,300 feet south of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: Ash Grove Cement Co.  
 Owner: Ash Grove Cement Co.  
 Address: 3801 East Marginal Way South. Phone: 206-694-6210  
 Town: Seattle State: WA County: King  
 Railway Connection: Five surface tracks serve yard at rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Receipt of coal, gypsum, gravel, and lime rock.  
 Depth Alongside (feet): 25 | | Latitude (decimal): 47.5675  
 Total Berthing Space (feet): 360 | | Longitude (decimal): -122.3458  
 Remarks: Open storage area located at rear has capacity for 33,000 tons of lime rock, 15,000 tons of gravel, and 8,000 tons of coal. One silo has storage capacity for 4,500 tons of gypsum.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 071  
 Name: **Birmingham Steel Corp., Terminal 105, Berth No. 1 Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, foot of S.W. Idaho Street. Datum: MLLW  
 Operator: Birmingham Steel Corp.  
 Owner: Port of Seattle.  
 Address: 4620 West Marginal Way S.W. Phone: 206-933-9730  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track at rear of face; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt of scrap metal by barge.  
 Depth Alongside (feet): 40 | 40 | Latitude (decimal): 47.565  
 Total Berthing Space (feet): 660 | | Longitude (decimal): -122.3489  
 Remarks: Approximately 3.7 acres of paved, open storage area are located in rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 070  
 Name: **Birmingham Steel Corp., Terminal 105, Berth No. 2 Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, between foot of S.W. Idaho and S.W. Alaska Streets. Datum: MLLW  
 Operator: Birmingham Steel Corp.  
 Owner: Port of Seattle.  
 Address: 4620 West Marginal Way S.W. Phone: 206-933-9730  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.56278  
 Total Berthing Space (feet): 450 | | Longitude (decimal): -122.3486  
 Remarks: Wharf was in poor condition at time of survey.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 058  
 Name: **Boyer Alaska Barge Line, Seattle Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, foot of 4th Avenue South. Datum: MLLW  
 Operator: Boyer Alaska Barge Line, Inc.  
 Owner: Boyer Towing, Inc.  
 Address: 7318 4th Avenue South Phone: 206-763-8575  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of conventional and containerized general cargo in domestic trade (Alaska); receipt and shipment of lumber; mooring company-owned tugs and barges.  
 Depth Alongside (feet): 10 | 10 | Latitude (decimal): 47.53778  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.3289  
 Remarks: Approximately 6 1/2 acres of paved, open storage area are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 059  
 Name: **Boyer Towing Mooring.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, above foot of 2d Avenue South. Datum: MLLW  
 Operator: Boyer Alaska Barge Line, Inc.  
 Owner: Boyer Towing, Inc.  
 Address: 7318 4th Avenue South. Phone: 206-763-8575  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 47.53917  
 Total Berthing Space (feet): 175 | | Longitude (decimal): -122.3311  
 Remarks: Barges are moored at dolphins while awaiting tow, or loading/unloading, at adjacent wharf (Ref. No. 58).

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 053  
 Name: **Delta Marine Industries Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, foot of South 96th Street. Datum: MLLW  
 Operator: Delta Marine Industries, Inc.  
 Owner: Delta Marine Industries, Inc.  
 Address: 1608 South 96th Street. Phone: 206-763-2383  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-built vessels for outfitting and repair. (See Remarks.)  
 Depth Alongside (feet): 10 | 10 | 10 Latitude (decimal): 47.51806  
 Total Berthing Space (feet): 284 | 160 | 230 Longitude (decimal): -122.3067  
 Remarks: Fiberglass boats for commercial and recreational use are manufactured at plant located in rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 065  
 Name: **Duwamish Shipyard Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 0.6 mile above 1st Avenue South Datum: MLLW  
 Bridge.  
 Operator: Duwamish Shipyard, Inc.  
 Owner: Duwamish Shipyard, Inc.  
 Address: 5658 West Marginal Way S.W. Phone: 206-767-4880  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serving plant in rear; connects with Burlington Northern Santa Fe  
 Railway.  
 Purpose: Mooring vessels for conversion, outfitting, and repair; mooring floating drydocks.  
 Depth Alongside (feet): 25 | | 25 - 20 Latitude (decimal): 47.55056  
 Total Berthing Space (feet): 500 | | Longitude (decimal): -122.3411  
 Remarks: Floating Drydock No. 3, capacity 1,000 tons, and Floating Drydock No. 1, capacity 850 tons, are  
 moored to breasting dolphins. The basin is dredged to 25 feet at rear of dolphins, thence 20, and 15  
 feet; mooring dolphi located around periphery; movable floats provide berths for vessels under repair.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engnrs Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 066  
 Name: **Duwamish Shipyard, Graving Dock Pier.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 0.8 mile above 1st Avenue South Datum: MLLW  
 Bridge.  
 Operator: Duwamish Shipyard, Inc.  
 Owner: Alaska Marine Lines, Inc.  
 Address: 5658 West Marginal Way S.W. Phone: 206-767-4880  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serving plant in rear; connects with Burlington Northern Santa Fe  
 Railway.  
 Purpose: Mooring vessels for conversion, outfitting, and repair.  
 Depth Alongside (feet): | 20 | Latitude (decimal): 47.55111  
 Total Berthing Space (feet): 400 | 60 | Longitude (decimal): -122.3419  
 Remarks: Entrance to graving dock is 105 feet wide.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engnrs Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 046  
 Name: **Filter Engineering Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, upper side of slip at foot of South Front Street. Datum: MLLW  
 Operator: Filter Engineering.  
 Owner: Filter Engineering.  
 Address: 6365 First Avenue South. Phone: 206-767-7642  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Handling construction equipment, materials, and supplies to and from barges.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 47.54556  
 Total Berthing Space (feet): 130 | | Longitude (decimal): -122.3364  
 Remarks: Contractor's storage yard is located in rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 043  
 Name: **General Construction Co. Mooring.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, approximately 1,500 feet south of Slip No. 1. Datum: MLLW  
 Operator: General Construction Co.  
 Owner: General Construction Co.  
 Address: Phone: 206-938-6200  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment and barges.  
 Depth Alongside (feet): 17 | | Latitude (decimal): 47.54861  
 Total Berthing Space (feet): 800 | | Longitude (decimal): -122.3383  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 073  
 Name: **General Construction Co., Terminal 103, North Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, adjacent to south side of Burlington Northern Santa Fe Railway bridge. Datum: MLLW  
 Operator: General Construction Co.  
 Owner: Port of Seattle.  
 Address: 3838 West Marginal Way S.W. Phone: 206-938-6750  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing company-owned floating equipment; handling construction equipment, materials, and supplies to and from barges.  
 Depth Alongside (feet): 10 | 0 - 10 | Latitude (decimal): 47.56944  
 Total Berthing Space (feet): 315 | | Longitude (decimal): -122.3519  
 Remarks: Contractor's storage yard is located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 045  
 Name: **Glacier Northwest, Slip No. 2 Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north side of Slip No. 2. Datum: MLLW  
 Operator: Glacier Northwest.  
 Owner: Glacier Northwest.  
 Address: 5975 East Marginal Way South Phone: 206-764-3000  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serves plant at rear; connects with Union Pacific Railroad.  
 Purpose: Receipt of sand and gravel by barge.  
 Depth Alongside (feet): 16 - 17 | | Latitude (decimal): 47.54694  
 Total Berthing Space (feet): 325 | | Longitude (decimal): -122.3378  
 Remarks: Ready-mix concrete batch plant is located at rear of wharf. Storage area in rear has capacity for approximately 13,000 tons of material.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 064  
 Name: **Glacier Northwest, West Terminal Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 0.6 mile above 1st Avenue South Datum: MLLW  
 Operator: Glacier Northwest.  
 Owner: Glacier Northwest.  
 Address: 5900 West Marginal Way S.W. Phone: 206-764-3075  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serving receiving pit and car-loading spout at plant in rear; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt of bulk cement by vessel and barge.  
 Depth Alongside (feet): 34 - 40 | | Latitude (decimal): 47.54889  
 Total Berthing Space (feet): 467 | | Longitude (decimal): -122.3403  
 Remarks: Two 10-inch, pneumatic pipelines extend from wharf to 8 cement storage silos with 4 interstices, total capacity 50,000 tons. One 10-inch, compressed air pipeline serves wharf.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 056  
 Name: **Hurlen Construction Co. Mooring.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, foot of South Riverside Drive. Datum: MLLW  
 Operator: Hurlen Construction Co.  
 Owner: Harold L. Hurlen.  
 Address: 700 South Riverside Drive. Phone: 206-763-1230  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment; handling construction equipment, materials, and supplies to and from barges.  
 Depth Alongside (feet): 8 - 20 | Latitude (decimal): 47.53583  
 Total Berthing Space (feet): 200 | Longitude (decimal): -122.3264  
 Remarks: Contractor's storage yard is located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 055  
 Name: **Hurlen Construction Co. Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, between foot of 7th Avenue South and 8th Avenue South. Datum: MLLW  
 Operator: Hurlen Construction Co.  
 Owner: Harold L. Hurlen.  
 Address: 700 South Riverside Drive. Phone: 206-763-1230  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment; handling construction equipment, materials, and supplies to and from barges.  
 Depth Alongside (feet): 20 | Latitude (decimal): 47.53472  
 Total Berthing Space (feet): 280 | Longitude (decimal): -122.3247  
 Remarks: Contractor's storage yard is located at rear. Approximately 240 feet of additional berthing space is available at lower side of wharf at permanently moored offshore floats.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 063  
 Name: **International Terminal Co., Terminal 115, North Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 0.5 mile above 1st Avenue South Datum: MLLW  
           Bridge.  
 Operator: International Terminal Co. and other stevedoring companies.  
 Owner: Port of Seattle.  
 Address: 6020 West Marginal Way S.W. Phone: 206-763-1130  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of conventional general cargo and heavy-lift items in foreign and domestic trade;  
           receipt of steel products and receipt and shipment of forest products.  
 Depth Alongside (feet):     40 | 0 - 40 | Latitude (decimal): 47.54833  
 Total Berthing Space (feet): 925 |        | Longitude (decimal): -122.34  
 Remarks: Approximately 6.4 acres of paved, open storage area are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 074  
 Name: **Island Tug & Barge Co., South Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 390 feet north of S.W. Spokane Datum: MLLW  
           Street Bridge.  
 Operator: Island Tug & Barge Co.  
 Owner: Chester W. Whitman.  
 Address: 3546 West Marginal Way S.W. Phone: 206-938-0403  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs and towboats.  
 Depth Alongside (feet):     10 |        | Latitude (decimal): 47.5725  
 Total Berthing Space (feet): 100 |        | Longitude (decimal): -122.3561  
 Remarks: Dispatch office is located at rear. Vessels moor perpendicular to face of wharf.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 042  
 Name: **J. A. Jack and Sons Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, approximately 1,100 feet south of Slip No. 1. Datum: MLLW  
 Operator: J. A. Jack and Sons, Inc.  
 Owner: King County.  
 Address: 5427 Ohio Avenue South. Phone: 206-762-7622  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serving plant in rear; connects with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Receipt of limestone by self-unloading barge.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 47.55333  
 Total Berthing Space (feet): 250 | | Longitude (decimal): -122.3406  
 Remarks: Open storage area located in rear has capacity for approximately 40,000 tons of limestone. Limestone reduction plant is located in rear.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 044  
 Name: **James Hardie Gypsum, Seattle Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north of entrance to Slip No. 2. Datum: MLLW  
 Operator: Glacier Northwest and James Hardie Gypsum, Inc.  
 Owner: James Hardie Gypsum.  
 Address: 5931 East Marginal Way South Phone: 206-764-3025  
 Town: Seattle State: WA County: King  
 Railway Connection: One 1,200-foot surface track serves both plants at rear; connects with Union Pacific Railroad.  
 Purpose: Receipt of bulk cement; receipt of gypsum rock by self-unloading vessel.  
 Depth Alongside (feet): 30 - 31 | 6 - 32 | 11 - 32 Latitude (decimal): 47.54694  
 Total Berthing Space (feet): 710 | | Longitude (decimal): -122.3378  
 Remarks: Glacier Northwest: One 10-inch pneumatic pipeline extends from wharf to 5 cement storage silos at rear, total capacity 12,000 tons. James Hardie Gypsum, Inc.: Steel-domed storage building in rear has capacity for 60,000 tons of gypsum rock.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 062  
 Name: **Jore Marine Services, Terminal 115, South Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, opposite Slip No. 2. Datum: MLLW  
 Operator: Jore Marine Services, Inc.  
 Owner: Port of Seattle.  
 Address: 6700 West Marginal Way S.W. Phone: 206-762-3035  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track joining additional trackage serving Terminal 115; connects with tracks of Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of conventional and containerized general cargo and heavy-lift items in domestic trade (Alaska and Hawaii).  
 Depth Alongside (feet): 14 | | Latitude (decimal): 47.54417  
 Total Berthing Space (feet): 490 | | Longitude (decimal): -122.3381  
 Remarks: Approximately 26 acres of paved, open storage area are located at rear. Transit shed serves as a container freight station. One 115- by 25-foot, steel transfer bridge is located adjacent to Ref. No. 63.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 069  
 Name: **Lafarge Corp., Seattle Plant, Cement Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, opposite Slip No. 1. Datum: MLLW  
 Operator: Lafarge Corp.  
 Owner: Lafarge Corp.  
 Address: 5400 West Marginal Way S.W. Phone: 206-937-8025 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Two surface tracks serve plant and bulk-cement-loading station in rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of bulk cement by barge.  
 Depth Alongside (feet): 32 | 32 | 32 Latitude (decimal): 47.55528  
 Total Berthing Space (feet): | 645 | Longitude (decimal): -122.345  
 Remarks: One timber turning dolphin at east end of approach to wharf is connected to east wharf by a timber catwalk. One 6-inch, compressed air pipeline serves wharf. Two 12- and one 8-inch pipelines are used for receiving ce 12-inch pipeline may be used for shipping cement; pipelines extend from wharf to 22 concrete, cement storage silos with 10 interstices in rear, total capacity 68,250 tons; maximum unloading rate is 375 tons per ho  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 068  
 Name: **Lafarge Corp., Seattle Plant, Raw Materials Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 1.0 mile above 1st Avenue South Datum: MLLW  
 Bridge.  
 Operator: Lafarge Corp.  
 Owner: Lafarge Corp.  
 Address: 5400 West Marginal Way S.W. Phone: 206-937-8025 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Four surface tracks serving plant in rear; connect with Burlington Northern Santa Fe  
 Railway.  
 Purpose: Receipt of limestone, shale, coal, and slag.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.55389  
 Total Berthing Space (feet): 1100 | | Longitude (decimal): -122.3431  
 Remarks: Open storage area in rear has capacity for approximately 50,000 tons of bulk material.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 051  
 Name: **Northland Services, 8th Avenue Terminal Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north side of Slip No. 4. Datum: MLLW  
 Operator: Northland Services, Inc.  
 Owner: Crowley Marine Services.  
 Address: 7400 8th Avenue South. Phone: 206-767-7820  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track along rear of face joins additional tracks serving open storage area at  
 rear; connects with Union Pacific Railroad.  
 Purpose: Receipt and shipment of containerized and conventional general cargo in domestic trade (Alaska).  
 Depth Alongside (feet): 13 - 15 | | Latitude (decimal): 47.53472  
 Total Berthing Space (feet): 165 | | Longitude (decimal): -122.3211  
 Remarks: Approximately 20 acres of open storage area are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 048  
 Name: **Northland Services, Fox Avenue Terminal Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, south side of entrance to Slip No. 3. Datum: MLLW  
 Operator: Northland Services, Inc.  
 Owner: Northland Services, Inc.  
 Address: 6701 Fox Avenue South. Phone: 206-763-3000  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of containerized and conventional general cargo in domestic trade (Alaska).  
 Depth Alongside (feet): 18 | 18 | Latitude (decimal): 47.54139  
 Total Berthing Space (feet): 475 | 500 | Longitude (decimal): -122.3325  
 Remarks: Approximately 12 acres of open storage, including approximately 300 electrical outlets for refrigerated containers, are located at rear. A 400- by 105-foot building at rear is used as a short-term warehouse and as a s Vessels utilize 400- by 90-foot slip south of Slip No. 3; face of river side has a 60-foot-long notch where steel ramps are utilized for access by forklift trucks.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 061  
 Name: **Seafreeze Limited Partnership, Terminal 115, Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 700 feet above 1st Avenue South Datum: MLLW  
 Bridge.  
 Operator: Seafreeze Limited Partnership.  
 Owner: Port of Seattle.  
 Address: 206 S.W. Michigan Street. Phone: 206-767-7350  
 Town: Seattle State: WA County: King  
 Railway Connection: One 640- and one 300-foot, platform-level tracks on north side of warehouse at rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt of seafood.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 47.54306  
 Total Berthing Space (feet): 220 | | Longitude (decimal): -122.3367  
 Remarks: Cold storage warehouse and seafood-processing plant are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 049  
 Name: **Seattle Iron & Metals Corp., North Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north of foot of South Garden Street. Datum: MLLW  
 Operator: Seattle Iron & Metals Corp.  
 Owner: Seattle Iron & Metals Corp.  
 Address: 601 South Myrtle Street. Phone: 206-682-0040  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Occasional receipt of scrap metal by barge.  
 Depth Alongside (feet): 12 - 13 | Latitude (decimal): 47.53861  
 Total Berthing Space (feet): 125 | Longitude (decimal): -122.3278  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 050  
 Name: **Seattle Iron & Metals Corp., South Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, south of foot of South Garden Street. Datum: MLLW  
 Operator: Seattle Iron & Metals Corp.  
 Owner: Seattle Iron & Metals Corp.  
 Address: 601 South Myrtle Street. Phone: 206-682-0040  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track in yard connects with Union Pacific Railroad.  
 Purpose: Receipt of scrap metal by barge.  
 Depth Alongside (feet): 16 | Latitude (decimal): 47.5375  
 Total Berthing Space (feet): 300 | Longitude (decimal): -122.3267  
 Remarks: Approximately 6 acres of open storage area are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 054  
 Name: **Silver Bay Logging, 8th Avenue Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, above foot of 8th Avenue South. Datum: MLLW  
 Operator: Silver Bay Logging, Inc.  
 Owner: Silver Bay Logging, Inc.  
 Address: 7760 8th Avenue South. Phone: 206-763-6885  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of lumber by barge.  
 Depth Alongside (feet): 18 | Latitude (decimal): 47.53361  
 Total Berthing Space (feet): 400 | Longitude (decimal): -122.3228  
 Remarks: Approximately 1 1/2 acres of open storage area are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 047  
 Name: **Silver Bay Logging, South River Street Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north side of Slip No. 3. Datum: MLLW  
 Operator: Silver Bay Logging, Inc.  
 Owner: Silver Bay Logging, Inc.  
 Address: 121 South River Street. Phone:  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring barges.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.54056  
 Total Berthing Space (feet): 215 | | Longitude (decimal): -122.3319  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 052  
 Name: **The Boeing Co., Seattle Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, south side of Slip No. 6. Datum: MLLW  
 Operator: The Boeing Co.  
 Owner: The Boeing Co.  
 Address: 9725 East Marginal Way South. Phone:  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring barges.  
 Depth Alongside (feet): 18 | | Latitude (decimal): 47.51861  
 Total Berthing Space (feet): 650 | | Longitude (decimal): -122.3039  
 Remarks:  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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Waterway: **Duwamish Waterway** Mile: PWD: 041  
 Name: **Tilbury Cement Co., East Marginal Terminal Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, approximately 800 feet south of Slip No. 1. Datum: MLLW  
 Operator: Tilbury Cement Co. and Cadman, Inc.  
 Owner: King County.  
 Address: 5225 East Marginal Way South. Phone: 206-763-2525  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of bulk cement by self-unloading barge; receipt of gravel.  
 Depth Alongside (feet): 17 | | Latitude (decimal): 47.555  
 Total Berthing Space (feet): 300 | | Longitude (decimal): -122.3417  
 Remarks: Tilbury Cement Co.: Two 6-inch pneumatic pipelines extend from wharf to 5 cement storage silos in rear, total capacity 5,000 tons. Cadman, Inc.: Concrete batch plant and open storage area with capacity for approximately 20,000 tons of gravel are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **Duwamish Waterway** Mile: PWD: 039  
 Name: **U.S. Government, Seattle Wharf.**  
 Port: Seattle  
 Location: East side, Duwamish Waterway, north side of Slip No. 1, between foot of South Hudson and South Dawson St Datum: MLLW  
 Operator: U.S. Government.  
 Owner: U.S. Government.  
 Address: 4735 East Marginal Way South. Phone:  
 Town: Seattle State: WA County: King  
 Railway Connection: One 460-foot surface track on apron and additional tracks serve buildings in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 26 | 0 - 26 | 15 - 26 Latitude (decimal): 47.55694  
 Total Berthing Space (feet): 642 | | 165 Longitude (decimal): -122.3425  
 Remarks: Offices of the U.S. Army Corps of Engineers, Seattle District and other Federal agencies are located in buildings at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engnrs Waterway Code: 91209 Seattle District

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Waterway: **East Waterway** Mile: PWD: 021  
 Name: **Olympic Tug & Barge, Pier 23.**  
 Port: Seattle  
 Location: West side, East Waterway, north of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: Harley Marine Services, Inc. dba Olympic Tug & Barge.  
 Owner: Duwamish Properties.  
 Address: 910 S.W. Spokane Street Phone: 206-628-0051  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing company-owned tugboats and barges.  
 Depth Alongside (feet): 6 - 15 | | Latitude (decimal): 47.57278  
 Total Berthing Space (feet): 700 | | Longitude (decimal): -122.3456  
 Remarks: Dispatch office is located in building at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engnrs Waterway Code: 91212 Seattle District

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## Port Facilities by Waterway

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Waterway: **East Waterway** Mile: PWD: 020  
 Name: **Ranier Cold Storage & Ice, Terminal 25 South Wharf.**  
 Port: Seattle  
 Location: East side, East Waterway, foot of South Hinds Street, approximately 300 feet north of S.W. Spokane Street Datum: MLLW  
 Operator: Rainier Cold Storage & Ice, Inc.  
 Owner: Port of Seattle.  
 Address: 3407 East Marginal Way South. Phone: 206-682-2840  
 Town: Seattle State: WA County: King  
 Railway Connection: One 700-foot, platform-level track along north side of warehouses in rear; connects with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Receipt and shipment of seafood.  
 Depth Alongside (feet): 12 - 25 | Latitude (decimal): 47.57306  
 Total Berthing Space (feet): 300 | Longitude (decimal): -122.3439  
 Remarks: Buildings located at rear are used for storage of seafood and as cold storage warehouses.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91212    Seattle District

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Waterway: **East Waterway** Mile: PWD: 022  
 Name: **SSA Terminals, Terminal 18, Berth 7.**  
 Port: Seattle  
 Location: Inner end, west side of East Waterway, foot of S.W. Hanford Street. Datum: MLLW  
 Operator: SSA Terminals and PM Ag Products, Inc.  
 Owner: Port of Seattle.  
 Address: 1002 S.W. Spokane Street. Phone: 206-622-4064  
 Town: Seattle State: WA County: King  
 Railway Connection: Two surface tracks on apron join additional trackage serving the molasses tank car racks; connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Receipt and shipment of conventional general cargo and heavy-lift items in foreign and domestic trade; and receipt of molasses.  
 Depth Alongside (feet): 36 - 40 | Latitude (decimal): 47.57611  
 Total Berthing Space (feet): 1216 | Longitude (decimal): -122.3458  
 Remarks: PM Ag Products, Inc.: one 12-inch pipeline extends from 8-inch connection on wharf to 5 steel, molasses storage tanks at rear, total capacity 4,000,000 gallons.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91212    Seattle District

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## Port Facilities by Waterway

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Waterway: **East Waterway** Mile: PWD: 023  
 Name: **SSA Terminals, Terminal 18, Berths 2-6.**  
 Port: Seattle  
 Location: West side, East Waterway, between entrance and foot of S.W. Hanford Street. Datum: MLLW  
 Operator: SSA Terminals and Kinder Morgan Energy Partners LP.  
 Owner: Port of Seattle.  
 Address: 1131 S.W. Klickitat Street. Phone: 206-654-3724  
 Town: Seattle State: WA County: King  
 Railway Connection: On dock intermodal yard with loading capacity for 58 five-platform doublestack rail cars and adjacent storage of a similar number of cars; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade; receipt and shipment of petroleum products; and loading barges for bunkering vessels at berth.  
 Depth Alongside (feet): 40 - 50 | Latitude (decimal): 47.56972  
 Total Berthing Space (feet): 5000 | Longitude (decimal): -122.3458  
 Remarks: SSA Terminals: Approximately 196 acres of paved, open storage area including 908 electrical outlets for refrigerated containers are located at rear. Kinder Morgan Energy Partners, LP: Two 12- and four 10-inch pipeli Berths 3-4 to 21 steel storage tanks on opposite side of 11th Avenue S.W. in rear, total capacity 850,000 barrels.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91212    Seattle District

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Waterway: **East Waterway** Mile: PWD: 019  
 Name: **SSA Terminals, Terminal 25 Wharf.**  
 Port: Seattle  
 Location: East side, East Waterway, between South Forest and South Hinds Streets extended. Datum: MLLW  
 Operator: SSA Terminals.  
 Owner: Port of Seattle.  
 Address: 3225 East Marginal Way South. Phone: 206-461-9169  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of containerized general cargo in domestic trade.  
 Depth Alongside (feet): 50 | Latitude (decimal): 47.57556  
 Total Berthing Space (feet): 1580 | Longitude (decimal): -122.3431  
 Remarks: Approximately 37 acres of paved, open storage area including 225 electrical outlets for refrigerated containers are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91212    Seattle District

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## Port Facilities by Waterway

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Waterway: **East Waterway** Mile: PWD: 016  
 Name: **U.S. Coast Guard, Pier 36 Slip.**  
 Port: Seattle  
 Location: East side, East Waterway, foot of South Atlantic Street. Datum: MLLW  
 Operator: U.S. Coast Guard.  
 Owner: U.S. Government.  
 Address: 1519 Alaskan Way South. Phone: 206-217-6452  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring U.S. Coast Guard vessels.  
 Depth Alongside (feet): 35 | 30 | 34 Latitude (decimal): 47.59  
 Total Berthing Space (feet): 1050 | | 1055 Longitude (decimal): -122.3419  
 Remarks: U.S. Coast Guard Integrated Support Command Seattle is located at rear. Former transit shed at rear of south side is used for storage and as repair shops. A 120- by 10-foot float is moored at head of slip, with one 5 100- by 10-foot, and one 130- by 10-foot, parallel float extensions; a 70- by 60-foot, floating steel boathouse on pontoons with two slips is moored to dolphins at south side of south float.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91213 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 081  
 Name: **Anmarco, Pier 1.**  
 Port: Seattle  
 Location: South shore, Elliott Bay, approximately 3,200 feet west of entrance to West Waterway. Datum: MLLW  
 Operator: Anmarco.  
 Owner: Anmarco.  
 Address: 2130 Harbor Avenue S.W. Phone: 206-762-9125  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring barges.  
 Depth Alongside (feet): 32 - 38 | 0 - 32 | 0 - 20 Latitude (decimal): 47.58528  
 Total Berthing Space (feet): 950 | | Longitude (decimal): -122.3742  
 Remarks: Wharf was in poor condition at time of survey.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91208 Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 008  
 Name: **Argosy Cruises, Pier 55 Landing.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of Seneca Street extended. Datum: MLLW  
 Operator: Argosy Cruises.  
 Owner: Martin Smith Real Estate.  
 Address: 1101 Alaskan Way. Phone: 206-623-1445 10  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring harbor excursion vessels; landing for water taxis.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 47.60528  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -122.3414  
 Remarks: Floats are located at inner end of slip formed by Piers 56 and 55; a 50- by 50- foot, timber pile, covered platform is located at head of slip. Water taxis operate to Harbor Avenue S.W. in West Seattle. Excursion ves 'Good Time II,' 'Good Time III' and 'Spirit of Seattle' are based at floats. Ticket office is located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engnrs Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 007  
 Name: **Argosy Cruises, Pier 57 Landing.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of University Street extended. Datum: MLLW  
 Operator: Argosy Cruises.  
 Owner: Martin Smith Real Estate.  
 Address: 1301 Alaskan Way. Phone: 206-623-1445 10  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring harbor excursion vessels.  
 Depth Alongside (feet): 35 | 35 | Latitude (decimal): 47.60583  
 Total Berthing Space (feet): 150 | 95 | Longitude (decimal): -122.3417  
 Remarks: Ticket office is located at rear. Excursion vessel 'Royal Argosy' is based at Pier 57 float.

Port Series: 36    Year of Last Survey: 2002    Corps of Engnrs Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 009  
 Name: **City of Seattle, Fire Station No. 5 Mooring.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of Madison Street extended. Datum: MLLW  
 Operator: City of Seattle Fire Department.  
 Owner: City of Seattle Fire Department.  
 Address: 925 Alaskan Way. Phone: 206-386-1405  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring city fireboats.  
 Depth Alongside (feet): 20 - 30 | | Latitude (decimal): 47.60389  
 Total Berthing Space (feet): 120 | | Longitude (decimal): -122.3397  
 Remarks: Fire Station No. 5 is located on pier. Fireboats 'Alki' and 'Chief Seattle' are based at float.

Port Series: 36    Year of Last Survey: 2002    Corps of Engnrs Waterway Code: 91213    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 005  
 Name: **Clipper Navigation, Pier 69.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, between foot of Clay and Vine Streets extended. Datum: MLLW  
 Operator: Clipper Navigation, Inc.  
 Owner: Port of Seattle.  
 Address: 2701 Alaskan Way. Phone: 206-443-2560  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring excursion vessels.  
 Depth Alongside (feet): 40 | 35 - 45 | 35 - 45 Latitude (decimal): 47.61389  
 Total Berthing Space (feet): | 415 | 450 Longitude (decimal): -122.3556  
 Remarks: Offices and passenger waiting room are located on first floor of the building on the pier. Vessels 'Victoria Clipper I', 'Victoria Clipper III,' and 'Victoria Clipper IV' operate between Seattle, Washington and Victor Columbia, Canada. General offices of the Port of Seattle are also located in the building.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 080  
 Name: **Crowley Marine Services, Alaska Hydro-Train Car-Float Transfer Bri**  
 Port: Seattle  
 Location: South shore, Elliott Bay, approximately 0.5 mile west of entrance to West Waterway. Datum: MLLW  
 Operator: Crowley Marine Services, Inc.  
 Owner: Port of Seattle.  
 Address: Phone: 206-332-8215  
 Town: Seattle State: WA County: King  
 Railway Connection: Two surface tracks on transfer bridge join with tracks in storage yard at rear of causeway; connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Transfer of railroad cars and trailer vans to and from car floats operating between Seattle and Alaska.  
 Depth Alongside (feet): 40 | | Latitude (decimal): 47.58361  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -122.3708  
 Remarks: Two barges can be moored on west side of west dolphins.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91208    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 026  
 Name: **Crowley Marine Services, Car Float Transfer Bridge, Pier 15 1/2.**  
 Port: Seattle  
 Location: North side, Harbor Island, between foot of 11th and 13th Avenues S.W. Datum: MLLW  
 Operator: Crowley Marine Services, Inc.  
 Owner: Crowley Marine Services, Inc.  
 Address: 1810 13th Avenue S.W. Phone: 206-332-8235  
 Town: Seattle State: WA County: King  
 Railway Connection: Two surface tracks on transfer bridge connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.  
 Purpose: Transfer of railroad cars to and from car floats operating between Seattle and Alaskan ports.  
 Depth Alongside (feet): 25 | | Latitude (decimal): 47.58778  
 Total Berthing Space (feet): 230 | | Longitude (decimal): -122.3514  
 Remarks: -

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91211 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 024  
 Name: **Crowley Marine Services, Pier 17.**  
 Port: Seattle  
 Location: North side, Harbor Island, 1,000 feet west of entrance to East Waterway, foot of 11th Avenue S.W. Datum: MLLW  
 Operator: Crowley Marine Services, Inc.  
 Owner: Port of Seattle.  
 Address: 1100 S.W. Massachusetts Street. Phone: 206-332-8235  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugboats and barges.  
 Depth Alongside (feet): 35 | 35 | 35 Latitude (decimal): 47.59  
 Total Berthing Space (feet): | 800 | 310 Longitude (decimal): -122.3497  
 Remarks: Dispatch office is located at inner end of pier.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91211 Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 003  
 Name: **Louis Dreyfus Corp., Terminal 86, Grain Wharf.**  
 Port: Seattle  
 Location: North shore, Elliott Bay, foot of 11th Avenue West extended. Datum: MLLW  
 Operator: Louis Dreyfus Corp.  
 Owner: Port of Seattle.  
 Address: 955 Alaskan Way West. Phone: 206-284-4851  
 Town: Seattle State: WA County: King  
 Railway Connection: Two tracks serve two receiving pits at rear of elevator, join with 9 track, 220-car-capacity storage yard in rear; connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.Railroad.Railro  
 Purpose: Shipment of grain by vessel.  
 Depth Alongside (feet): 70 | | Latitude (decimal): 47.62333  
 Total Berthing Space (feet): 1400 | | Longitude (decimal): -122.37  
 Remarks:

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 006  
 Name: **Port of Seattle, Bell Street Cruise Terminal, Pier 66.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of Bell Street extended. Datum: MLLW  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 2203-2225 Alaskan Way. Phone: 206-615-3952  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of seafood; mooring cruise ships and vessels.  
 Depth Alongside (feet): 30 - 63 | | Latitude (decimal): 47.61111  
 Total Berthing Space (feet): 1550 | 400 | Longitude (decimal): -122.35  
 Remarks: Passenger terminal includes approximately 56,000 square feet on two levels; an adjustable gangway extends from passenger terminal. Bell Harbor International Conference Center and Odyssey Maritime Discovery Center are rear. Bell Harbor Marina located at rear of south side of wharf and operated by Port of Seattle includes 35 slips for transient moorage.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91213    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 025  
 Name: **Port of Seattle, Car Float Transfer Bridge, Pier 16.**  
 Port: Seattle  
 Location: North side, Harbor Island, between foot of 11th and 13th Avenues S.W. Datum: MLLW  
 Operator: Not operated.  
 Owner: Port of Seattle.  
 Address: Phone:  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 47.58778  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -122.3511  
 Remarks: Transfer bridge was fenced off at time of survey; plans call for the removal of the transfer bridge.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91211 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 013  
 Name: **Port of Seattle, Pier 46.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, north side of Terminal 46, foot of South Jackson Street. Datum: MLLW  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 401 Alaskan Way South. Phone: 206-447-9422  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 36 | | Latitude (decimal): 47.59917  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.3383  
 Remarks:  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91213 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 012  
 Name: **Port of Seattle, Pier 48.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of South Main Street. Datum: MLLW  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 101 Alaskan Way South. Phone: 206-447-9422  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 55 | 35 | 35 Latitude (decimal): 47.6  
 Total Berthing Space (feet): 250 | 520 | 520 Longitude (decimal): -122.3397  
 Remarks: Covered steel passenger ramp serving second floor of transit shed was not in use at time of survey.  
           Parking area is located at rear of pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91213 Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 002  
 Name: **Port of Seattle, Terminal 91, Pier 90.**  
 Port: Seattle  
 Location: North shore, Elliott Bay, Smith Cove, at foot of 22d Avenue W. extended. Datum: MLLW  
 Operator: Port of Seattle, Foss Maritime Co., and Pacific Terminal Services, Inc.  
 Owner: Port of Seattle.  
 Address: 2001 West Garfield Street. Phone: 206-298-5267  
 Town: Seattle State: WA County: King  
 Railway Connection: Tracks serving storage area on north side of West Garfield Street Viaduct at rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of fruit and petroleum products; occasional receipt and shipment of conventional general cargo; mooring company-owned floating equipment; and bunkering vessels.  
 Depth Alongside (feet): 35 | 35 | 35 Latitude (decimal): 47.62639  
 Total Berthing Space (feet): 295 | 2222 | 1875 Longitude (decimal): -122.38  
 Remarks:

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 001  
 Name: **Port of Seattle, Terminal 91, Pier 91.**  
 Port: Seattle  
 Location: North shore, Elliott Bay, Smith Cove, at foot of 22d Avenue W. extended. Datum: MLLW  
 Operator: Port of Seattle and Distribution and Auto Service, Inc. (See Remarks).  
 Owner: Port of Seattle.  
 Address: 2001 West Garfield Street. Phone: 206-283-6300  
 Town: Seattle State: WA County: King  
 Railway Connection: Tracks serving storage area on north side of West Garfield Street Viaduct at rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Occasional receipt and shipment of conventional and roll-on/roll-off general cargo; receipt of automobiles and seafood; and mooring vessels.  
 Depth Alongside (feet): 35 | 35 | 35 Latitude (decimal): 47.62639  
 Total Berthing Space (feet): 357 | 1875 | 2495 Longitude (decimal): -122.3828  
 Remarks:

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91213    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 027  
 Name: **Rainier Petroleum Corp. and Equilon Enterprises, Pier 15.**  
 Port: Seattle  
 Location: North side, Harbor Island, foot of 13th Avenue S.W. Datum: MLLW  
 Operator: Rainier Petroleum Corp. and Equilon Enterprises, LLC.  
 Owner: ExxonMobil Corp. and Equilon Enterprises, LLC.  
 Address: 1711-2555 13th Avenue S.W. Phone: 206-224-0481  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of petroleum products; bunkering vessels; and loading barges for bunkering vessels at berth.  
 Depth Alongside (feet): 35 | 35 - 40 | 35 - 40 Latitude (decimal): 47.58889  
 Total Berthing Space (feet): | 460 | 460 Longitude (decimal): -122.3533  
 Remarks: Equilon Enterprises, LLC operates the east side of the pier; one 12-, four 8-, and eight 6-inch pipelines extend from pier to 36 steel storage tanks in rear, total capacity 555,000 barrels. Rainier Petroleum Corp. operates the west side of the pier; one 6-inch metered pipeline extends to west side of pier from one marine, diesel fuel storage tank at Equilon Enterprises terminal, capacity 30,000 barreoil-spill containment boom is available.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91211 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 004  
 Name: **Spirit of Puget Sound Harbor Cruises, Pier 70 Float.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of Broad Street. Datum: MLLW  
 Operator: Spirit of Puget Sound Harbor Cruises.  
 Owner: Triad Development, Inc.  
 Address: 2801 Alaskan Way. Phone: 206-674-3499  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring harbor excursion vessels.  
 Depth Alongside (feet): 45 | 28 - 45 | 28 - 45 Latitude (decimal): 47.61472  
 Total Berthing Space (feet): 220 | 520 | 550 Longitude (decimal): -122.3569  
 Remarks:  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91213 Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 015  
 Name: **SSA Terminals, Terminal 37 Wharf.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of South Atlantic Street extended. Datum: MLLW  
 Operator: SSA Terminals.  
 Owner: Port of Seattle.  
 Address: 1201 Alaskan Way South. Phone: 206-623-0304x4  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of conventional general cargo, heavy lift items, and steel products in foreign and domestic trade.  
 Depth Alongside (feet): 29 - 40 | | Latitude (decimal): 47.59222  
 Total Berthing Space (feet): 850 | | Longitude (decimal): -122.3425  
 Remarks: Approximately 12 acres of paved, open storage area and one 12,000-square-foot storage warehouse are located at rear. Wharf is in line and contiguous with that of adjacent Terminal 46 (Ref. No. 14).

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 029  
 Name: **Todd Pacific Shipyards Corp., Berth J, Pier No. 5.**  
 Port: Seattle  
 Location: North side, Harbor Island, 300 feet west of foot of 16th Avenue S.W. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydock.  
 Depth Alongside (feet): 70 | 45 - 70 | 45 - 53 Latitude (decimal): 47.58917  
 Total Berthing Space (feet): | 968 | Longitude (decimal): -122.3567  
 Remarks: Floating Drydock No. 3, capacity 30,000 long tons, is moored on west side of pier. See Remarks under Ref. No. 28.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91211    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 028  
 Name: **Todd Pacific Shipyards Corp., Berth K, Pier No. 6.**  
 Port: Seattle  
 Location: North side, Harbor Island, foot of 16th Avenue S.W. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydock.  
 Depth Alongside (feet): 38 | 38 | 35 - 42 Latitude (decimal): 47.58833  
 Total Berthing Space (feet): | 590 | Longitude (decimal): -122.3553  
 Remarks: Floating Drydock No. 2, capacity 4,200 long tons, is moored on west side of pier. All shipyard piers and drydocks are equipped with service lines for compressed air, water, electricity, and sewage. Natural gas and ox are available on floating drydocks.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91211 Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 030  
 Name: **Todd Pacific Shipyards Corp., Berths F, G, and H, Pier No. 4.**  
 Port: Seattle  
 Location: Harbor Island, north and east side of entrance to West Waterway, 700 feet west of foot of 16th Avenue S. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydock.  
 Depth Alongside (feet): 45 | 30 - 45 | 45 - 34 Latitude (decimal): 47.58667  
 Total Berthing Space (feet): | | 1400 Longitude (decimal): -122.3583  
 Remarks: Floating Drydock No. 1, capacity 14,000 long tons, is moored on east side of pier. See Remarks under Ref. No. 28.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91211 Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 014  
 Name: **Total Terminals, Terminal 46 Wharf.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, below foot of South Jackson Street. Datum: MLLW  
 Operator: Total Terminals, Inc.  
 Owner: Port of Seattle.  
 Address: 401 Alaskan Way South. Phone: 206-382-8255  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 50 | | Latitude (decimal): 47.59667  
 Total Berthing Space (feet): 1874 | | Longitude (decimal): -122.3411  
 Remarks: Approximately 70 acres of paved, open storage area including 280 electrical outlets for refrigerated containers are located at rear. Wharf is in line and contiguous with that of adjacent Terminal 37 (Ref. No. 15).

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91213    Seattle District

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Waterway: **Elliott Bay** Mile: PWD: 010  
 Name: **Washington State Ferries, Colman Ferry Terminal, Pier 52.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, between foot of Marion and Columbia Streets extended. Datum: MLLW  
 Operator: State of Washington, Department of Transportation.  
 Owner: State of Washington.  
 Address: 801 Alaskan Way. Phone: 206-464-6972/15  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferries operating between Seattle, Bainbridge Island, and Bremerton, WA.  
 Depth Alongside (feet): 35 - 50 | | Latitude (decimal): 47.6025  
 Total Berthing Space (feet): 3 | | Longitude (decimal): -122.3394  
 Remarks: Terminal building includes office space and rental areas. Overhead passenger ramps connect terminal building to slips. One 4-inch, sewer connection for vessels serves each ferry slip.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91213    Seattle District

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## Port Facilities by Waterway

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Waterway: **Elliott Bay** Mile: PWD: 011  
 Name: **Washington State Ferries, Seattle Ferry Terminal, Pier 50.**  
 Port: Seattle  
 Location: Eastern shore, Elliott Bay, foot of Yesler Way. Datum: MLLW  
 Operator: State of Washington, Department of Transportation.  
 Owner: State of Washington.  
 Address: 801 Alaskan Way. Phone: 206-464-6972/15  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Terminal for passenger ferries operating between Seattle, Bainbridge Island, and Bremerton, WA.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 47.60139  
 Total Berthing Space (feet): 110 | | Longitude (decimal): -122.3361  
 Remarks: Float is moored at south side of Pier 50.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91213 Seattle District

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Waterway: **Fidalgo Bay** Mile: PWD: 047  
 Name: **Osborne Construction Co., Anacortes Dock.**  
 Port: Northwest Washington  
 Location: Westerly shore, Fidalgo Bay, between foot of 22th and 20th Streets extended, Datum: MLLW  
 Anacortes.  
 Operator: Osborne Construction Co.  
 Owner: MJB Properties Inc.  
 Address: Phone: 206/762-9125  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None..  
 Purpose: Shipment of containerized and conventional general cargo in domestic trade; shipment of prefabricated housing and building materials.  
 Depth Alongside (feet): 4 | | Latitude (decimal): 48.505  
 Total Berthing Space (feet): 225 | | Longitude (decimal): -122.6069  
 Remarks: Approximately 13 1/2 acres of open storage and work area are located in rear. Deck barges sit on bottom at low tide when loading.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91284 Seattle District

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## Port Facilities by Waterway

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Waterway: **Fidalgo Bay** Mile: PWD: 048  
 Name: **Port of Anacortes, Cap Sante Boat Haven, Float A.**  
 Port: Northwest Washington  
 Location: Westerly shore, Fidalgo Bay, south side of Cap Sante Boat Haven, foot of 14th Street Datum: MLLW extended, Anacortes  
 Operator: Port of Anacortes.  
 Owner: Port of Anacortes.  
 Address: 1100 Q Avenue. Phone: 360-293-0694/31  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels and other commercial vessels.  
 Depth Alongside (feet): 8 - 10 | | Latitude (decimal): 48.51056  
 Total Berthing Space (feet): 450 | | Longitude (decimal): -122.6078  
 Remarks: Parking lot and South Harbor Park are located at rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91283 Seattle District

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Waterway: **Fidalgo Bay** Mile: PWD: 051  
 Name: **Port of Anacortes, Cap Sante Boat Haven, Float B.**  
 Port: Northwest Washington  
 Location: Westerly shore, Fidalgo Bay, south portion of Cap Sante Boat Haven, between foot of 13th and 12th Street Datum: MLLW  
 Operator: Port of Anacortes.  
 Owner: Port of Anacortes.  
 Address: Phone: 360-293-0694/31  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): | 10 | 10 Latitude (decimal): 48.51222  
 Total Berthing Space (feet): | | Longitude (decimal): -122.6072  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91283 Seattle District

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## Port Facilities by Waterway

Waterway: **Fidalgo Bay** Mile: PWD: 044  
 Name: **Texaco Refining and Marketing, Anacortes Refinery Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Fidalgo Bay, extending from northern end of March Point, Anacortes. Datum: MLLW  
 Operator: Texaco Refining and Marketing Inc.  
 Owner: Texaco Refining and Marketing Inc.  
 Address: 600 South Texas Road. Phone: 360/293-0800-08  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: Trackage serving oil refinery at rear connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of crude oil; shipment of petroleum products; bunkering vessels.  
 Depth Alongside (feet): 45 | 37 | Latitude (decimal): 48.50944  
 Total Berthing Space (feet): 1100 | 895 | Longitude (decimal): -122.5678  
 Remarks: Pipelines connect wharf with refinery in rear: Commodity Pipeline Tanks Total  
 Capacity Crude oil 1@30' 7 1,716,000 Bunker 'C' 1@12'  
 3 198,000 Petroleum products )3@14' 18 1,258,000  
 )5@8' In addition, one 16-inch ballast-, one 12-inch crude flushing- and one 6-inch compressed air  
 pipelines serve wharf. Refinery also receives crude oil by pipeline from Canada and connects with  
 petroleum products pipeline between Ferndale, Washington, and Portland, Oregon.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91284 Seattle District

Waterway: **Fidalgo Bay** Mile: PWD: 043  
 Name: **The Shell Anacortes Refining Company, Anacortes Refinery Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Fidalgo Bay, extending from northern end of March Point, Anacortes. Datum: MLLW  
 Operator: The Shell Anacortes Refining Co.  
 Owner: The Shell Anacortes Refining Co.  
 Address: March Point Road. Phone: 360/293-1484 -9  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: Trackage serving oil refinery at rear connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of crude oil; shipment of petroleum products; bunkering vessels.  
 Depth Alongside (feet): 45 | 38 | Latitude (decimal): 48.50833  
 Total Berthing Space (feet): 974 | 660 | Longitude (decimal): -122.5692  
 Remarks: One 16-inch, crude oil pipeline and one 16- and five 12-inch, petroleum products pipelines extend from  
 wharf to tankage at refinery in rear: Commodity Tanks Total Capacity (Barrels) Crude  
 oil 8 2,000,000 Petroleum products )51 1,360,000 Feed stocks  
 ) 1,600,000 In addition, one 6-inch, slops return, and one 10-inch, ballast water  
 pipelinesserve wharf. Wharf is equipped with oil spill containment boom and oil skimmers. Refinery  
 connects with petroleum products pipeline between Ferndale, Washington, and Portland, Oregon.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91284 Seattle District

## Port Facilities by Waterway

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Waterway: **Grays Harbor Channel** Mile: PWD: 070  
 Name: **Quigg Bros., Aberdeen Dock.**  
 Port: Grays Harbor  
 Location: Aberdeen, north side of Grays Harbor, one mile below mouth of Wishkah River. Datum: MLLW  
 Operator: Quigg Bros., Inc.  
 Owner: Quigg Bros., Inc.  
 Address: Foot of South Monroe Street. Phone: 360/533-1530  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Mooring company-owned vessels; occasional handling of construction materials.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 46.96472  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -123.8242  
 Remarks: Approximately 350 feet of additional berthing space is available along remains of timber bulkhead at rear of wharf.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91022    Seattle District

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Waterway: **Grays Harbor Channel** Mile: PWD: 071  
 Name: **Willis Enterprises, Aberdeen Wharf.**  
 Port: Grays Harbor  
 Location: Aberdeen, north side of Grays Harbor, 0.9 mile below mouth of Wishkah River. Datum: MLLW  
 Operator: Willis Enterprises.  
 Owner: Quigg Bros., Inc.  
 Address: 501 South Alder Street. Phone: 360/249-5244  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of wood chips.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 46.96583  
 Total Berthing Space (feet): 650 | | Longitude (decimal): -123.8219  
 Remarks: Approximately 17 acres of open storage area located in rear have normal capacity for 40,000 tons of wood chips.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91021    Seattle District

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## Port Facilities by Waterway

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Waterway: **Grays Harbor North Channel** Mile: PWD: 064  
 Name: **Port of Grays Harbor, Terminal 3 Wharf.**  
 Port: Grays Harbor  
 Location: Hoquiam, north side of Grays Harbor North Channel, approximately 1.6 miles west of the mouth of Hoquiam Datum: MLLW  
 Operator: Not operated.  
 Owner: Port of Grays Harbor.  
 Address: Phone: 360/533-9513  
 Town: Hoquiam State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 46.97028  
 Total Berthing Space (feet): 800 | | Longitude (decimal): -123.9111  
 Remarks: An office building is located at lower side of approach. A 60-acre, open storage area located at rear was not in use at time of survey (2002).

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91022    Seattle District

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Waterway: **Grays Harbor North Channel** Mile: PWD: 067  
 Name: **Port of Grays Harbor, Terminal No. 1 Wharf.**  
 Port: Grays Harbor  
 Location: Aberdeen, north side of Grays Harbor North Channel, approximately one mile above the mouth of Hoquiam R Datum: MLLW  
 Operator: Port of Grays Harbor and Olympic Fibre, Inc.  
 Owner: Port of Grays Harbor.  
 Address: Foot of West First Street. Phone: 360/533-6588  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Shipment of wood chips by barge.  
 Depth Alongside (feet): 30 | | 20 Latitude (decimal): 46.96639  
 Total Berthing Space (feet): 450 | | 170 Longitude (decimal): -123.8553  
 Remarks: Approximately 5 acres of open storage area are located at rear for wood chips.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91022    Seattle District

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## Port Facilities by Waterway

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Waterway: **Grays Harbor North Channel** Mile: PWD: 069  
 Name: **Port of Grays Harbor, Terminal No. 4 Wharf.**  
 Port: Grays Harbor  
 Location: Aberdeen, north side of Grays Harbor North Channel, approximately 1.9 miles above the mouth of Hoquiam Datum: MLLW  
 Operator: Port of Grays Harbor.  
 Owner: Port of Grays Harbor.  
 Address: Foot of Terminal Way. Phone: 360/533-9513  
 Town: Aberdeen State: WA County: Grays Harbor  
 Railway Connection: Four parallel surface tracks on wharf and one platform-level track serving rear of transit sheds, connect with Union Pacific Railroad and Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of logs, lumber, and conventional general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 41 | | Latitude (decimal): 46.96083  
 Total Berthing Space (feet): 1400 | | Longitude (decimal): -123.8386  
 Remarks: Approximately 100 acres of partially paved, open storage area are located at rear.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91022    Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 055  
 Name: **Dakota Creek Shipyard, East Pier.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, between foot of R and Q Avenues extended, Anacortes. Datum: MLLW  
 Operator: Dakota Creek Industries Inc.  
 Owner: Port of Anacortes.  
 Address: 820 4th Street. Phone: 360/293-9575  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring and repairing various types of small vessels.  
 Depth Alongside (feet): 30 | 0 - 30 | 0 - 30 Latitude (decimal): 48.52139  
 Total Berthing Space (feet): | 340 | 340 Longitude (decimal): -122.6097  
 Remarks: Inner 112-foot portion of pier is 63 feet wide. One 700-ton, marine railway is located along inner portion of east side of pier. Marine repair plant is located at rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91282    Seattle District

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## Port Facilities by Waterway

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Waterway: **Guemes Channel** Mile: PWD: 056  
 Name: **Dakota Creek Shipyard, West Pier.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, east of foot of Q Avenue, Anacortes. Datum: MLLW  
 Operator: Dakota Creek Industries Inc.  
 Owner: Port of Anacortes.  
 Address: 820 4th Street. Phone: 360/293-9575  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring and repairing various types of small vessels.  
 Depth Alongside (feet): 25 - 20 | 0 - 20 | 0 - 20 Latitude (decimal): 48.52167  
 Total Berthing Space (feet): 140 | | 150 Longitude (decimal): -122.6011  
 Remarks: One 5,000 ton, syncrolift shiplift is located at east side of pier.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 063  
 Name: **Lovric's Sea-Craft, Anacortes Pier.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, west of foot of Dakota Avenue extended, Anacortes. Datum: MLLW  
 Operator: Lovric's Sea-Craft.  
 Owner: Lovric's Sea-Craft.  
 Address: 3022 Oakes Avenue. Phone: 360/293-2042  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 20 | 0 - 20 | 20 - 25 Latitude (decimal): 48.5125  
 Total Berthing Space (feet): | 150 | 580 Longitude (decimal): -122.6444  
 Remarks: Inner section of pier is 25 feet wide.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 064  
 Name: **Lovric's Sea-Craft, Anacortes Wharf and Mooring Basin.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, foot of Florida Avenue extended, Anacortes. Datum: MLLW  
 Operator: Lovric's Sea-Craft.  
 Owner: Lovric's Sea-Craft.  
 Address: 3022 Oakes Avenue. Phone: 360/293-2042  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 7 - 13 | 7 | 7 - 13 Latitude (decimal): 48.51222  
 Total Berthing Space (feet): 130 | 75 | 20 Longitude (decimal): -122.6453  
 Remarks: Marine repair plant is located at rear. One 2,000- and one 400-ton, marine railways are located east of wharf and mooring basin.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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## Port Facilities by Waterway

Waterway: **Guemes Channel** Mile: PWD: 057  
 Name: **Port of Anacortes, Pier No. 1.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, foot of Commercial Avenue, Anacortes. Datum: MLLW  
 Operator: Port of Anacortes and Dakota Creek Industries Inc.  
 Owner: Port of Anacortes.  
 Address: Phone: 360-293-3134  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Occasional receipt of shipment of conventional general cargo and heavy lift items; mooring vessels; mooring floating drydock.  
 Depth Alongside (feet): 29 | | Latitude (decimal): 48.52194  
 Total Berthing Space (feet): 570 | | Longitude (decimal): -122.6122  
 Remarks: Six storage warehouse buildings are located at rear of transit sheds; only one warehouse (Shed No. 10) was used for public storage at time of survey (S. W. Ref. Nos. 6 and 7). Dakota Creek Industries Inc. operates one 9,000-ton, floating drydock moored along eastern side of wharf.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

Waterway: **Guemes Channel** Mile: PWD: 054  
 Name: **Port of Anacortes, Pier No. 2.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, between foot of T and R Avenues extended, Anacortes. Datum: MLLW  
 Operator: Port of Anacortes and Anacortes Log & Bulk Stevedoring.  
 Owner: Port of Anacortes.  
 Address: 700 Third Street Phone: 360-293-0694/31  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Shipment of petroleum coke and logs; mooring vessels.  
 Depth Alongside (feet): 44 | | Latitude (decimal): 48.52194  
 Total Berthing Space (feet): 1133 | | Longitude (decimal): -122.6075  
 Remarks: Approximately 13.5 acres of open storage area with capacity for 5,000,000 board feet of logs are located at rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

## Port Facilities by Waterway

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Waterway: **Guemes Channel** Mile: PWD: 062  
 Name: **Shannon Point Seafoods, Anacortes Wharf.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, between foot of G and F Avenues, Anacortes. Datum: MLLW  
 Operator: Shannon Point Seafoods.  
 Owner: Shannon Point Seafoods dba Samsung Washington Inc.  
 Address: 1904 7th Street. Phone: 360/293-4611  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Receipt of seafood; handling supplies to and from fishing vessels; mooring fishing vessels.  
 Depth Alongside (feet): 17 - 24 | 17 - 24 | 0 - 17 Latitude (decimal): 48.5175  
 Total Berthing Space (feet): 198 | 60 | Longitude (decimal): -122.6267  
 Remarks: Seafood processing and canning plant is located at rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 061  
 Name: **Skagit County, Guemes Island Ferry Landings.**  
 Port: Northwest Washington  
 Location: Guemes Channel; North Side: Foot of Guemes Island Road. South Side: Foot of I Avenue, Anacortes. Datum: MLLW  
 Operator: Skagit County, Washington, Department of Public Works.  
 Owner: Skagit County, Washington, Department of Public Works. Department.  
 Address: Phone: 360/336-9400  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Vehicular and passenger ferry between Anacortes and Guemes Island.  
 Depth Alongside (feet): 20 | 18 | Latitude (decimal): 48.51917  
 Total Berthing Space (feet): 150 | 100 | Longitude (decimal): -122.6233  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 059  
 Name: **Trident Seafoods Corp., Anacortes East Wharf.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, between foot of M and L Avenues extended, Anacortes. Datum: MLLW  
 Operator: Not operated.  
 Owner: Trident Seafoods Corp.  
 Address: 1400 4th Street. Phone: 360-293-7701  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 12 | 15 | 12 Latitude (decimal): 48.52083  
 Total Berthing Space (feet): 116 | 100 | Longitude (decimal): -122.6175  
 Remarks: Seafood processing plant is located at rear; seafood is received by truck. Buildings at rear of wharf are used for storage.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

## Port Facilities by Waterway

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Waterway: **Guemes Channel** Mile: PWD: 060  
 Name: **Trident Seafoods Corp., Anacortes West Wharf.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, foot of L Avenue extended, Anacortes. Datum: MLLW  
 Operator: Not operated.  
 Owner: Trident Seafoods Corp.  
 Address: 1400 4th Street. Phone: 360/293-7701  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 15 | 15 | 0 - 12 Latitude (decimal): 48.52028  
 Total Berthing Space (feet): 225 | 90 | Longitude (decimal): -122.6183  
 Remarks: See Remarks under Ref. No. 59.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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Waterway: **Guemes Channel** Mile: PWD: 065  
 Name: **Washington State Ferries, Anacortes Ferry Terminal.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, east of Shannon Point, Anacortes. Datum: MLLW  
 Operator: Washington State Department of Transportation, Marine Division.  
 Owner: Port of Anacortes.  
 Address: 2100 Ferry Terminal Road. Phone: 360-428-1645  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferries operating to Sidney, British Columbia and the San Juan Islands (See Remarks).  
 Depth Alongside (feet): 22 | | Latitude (decimal): 48.50722  
 Total Berthing Space (feet): 382 | | Longitude (decimal): -122.6675  
 Remarks: A 125- by 4-foot timber pile, timber-decked pier extends from east side of approach to serve 2 end-to-pier slips formed by timber breasting dolphins for mooring idle ferries. Ferries operate to the San Juan Isla Orcas, and Friday Harbor as well as to Sidney, British Columbia, on Vancouver Island.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91282 Seattle District

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## Port Facilities by Waterway

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Waterway: **Guemes Channel** Mile: PWD: 053  
 Name: **Wyman's Marina, Mooring Floats.**  
 Port: Northwest Washington  
 Location: South side, Guemes Channel, between foot of U and T Avenues extended, Anacortes. Datum: MLLW  
 Operator: Wyman's Marina.  
 Owner: Port of Anacortes.  
 Address: 202 U Avenue. Phone: 360/293-4606  
 Town: Anacortes State: WA County: Skagit  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels, tugs, and other vessels for storage and repair; fueling small vessels.  
 Depth Alongside (feet):     - 6   |   6 - 8   |   - 8 Latitude (decimal): 48.52139  
 Total Berthing Space (feet): 50   |   140   |   300 Longitude (decimal): -122.6053  
 Remarks: Small vessels are fueled through metered pumps from 4 underground storage tanks, total capacity 11,000 gallons. Marine repair plant located at rear was not in use at time of survey. One 50-ton, marine railway I of wharf was not in operation at time of survey.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91282    Seattle District

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Waterway: **Hoquiam River** Mile: PWD: 065  
 Name: **The Shipyard Wharf.**  
 Port: Grays Harbor  
 Location: Hoquiam, left bank of Hoquiam River, approximately 600 feet above Sixth Street Datum: MLLW  
           Bridge.  
 Operator: The Shipyard.  
 Owner: The Shipyard.  
 Address: 1303 C Street. Phone: 360/532-7860  
 Town: Hoquiam State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet):     12   |           | Latitude (decimal): 46.98167  
 Total Berthing Space (feet): 400 |           | Longitude (decimal): -123.8828  
 Remarks: One 350- and two 100-ton marine railways are located in rear of wharf.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91023    Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 011  
 Name: **Atofina Chemicals, Tacoma Plant Wharf.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 1.1 miles above East 11th Street Datum: MLLW  
           Bridge.  
 Operator: Atofina Chemicals, Inc.  
 Owner: Atofina Chemicals, Inc.  
 Address: 2901 Taylor Way Phone: 253/627-9101  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of caustic soda and sodium chlorate by barge.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.26917  
 Total Berthing Space (feet): 645 | | Longitude (decimal): -122.3744  
 Remarks: One 6-inch, caustic soda pipeline extends to wharf from 4 steel storage tanks, total capacity 4,400  
           tons. One 6-inch, sodium chlorate pipeline extends to wharf from 9 steel storage tanks, total capacity  
           960 tons.  
 Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91189    Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 012  
 Name: **City of Tacoma, Steam Plant, Coal Dock.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 400 feet above East 11th Street Datum: MLLW  
           Bridge.  
 Operator: City of Tacoma, Public Works Department.  
 Owner: City of Tacoma.  
 Address: 1171 Taylor Way. Phone: 253/502-2277  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt of coal by barge.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.27667  
 Total Berthing Space (feet): 250 | | Longitude (decimal): -122.3933  
 Remarks: Power plant at rear is fueled by a blend of coal, hogged fuel, and RDF (refuse derived fuel). Open  
           storage area located at rear has capacity for approximately 12,000 tons of coal.  
 Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91189    Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 009  
 Name: **Glacier Northwest, Tacoma Dock.**  
 Port: Tacoma  
 Location: Hylebos Waterway, southeast side of Upper Turning Basin. Datum: MLLW  
 Operator: Glacier Northwest, Inc.  
 Owner: Glacier Northwest, Inc.  
 Address: 3601 Taylor Way. Phone: 253/272-8314  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt and shipment of sand and gravel.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 47.26194  
 Total Berthing Space (feet): 200 | | Longitude (decimal): -122.3633  
 Remarks: A 13,500-ton-capacity (7 acre) open storage area and concrete batch plant are located in rear.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 003  
 Name: **Modutech Marine Dock.**  
 Port: Tacoma  
 Location: North side of Hylebos Waterway, approximately 0.8 mile above East 11th Street Datum: MLLW  
 Bridge.  
 Operator: Modutech Marine, Inc.  
 Owner: Modutech Marine, Inc.  
 Address: 2218 Marine View Drive. Phone: 253/272-9318  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 47.27278  
 Total Berthing Space (feet): 150 | | Longitude (decimal): -122.3778  
 Remarks: Small vessels up to 50 tons are constructed on cradle in building at rear and launched via launchway above dock.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 014  
 Name: **Pioneer Americas, Tacoma Barge Dock.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 0.3 mile below East 11th Street Datum: MLLW  
 Bridge.  
 Operator: Pioneer Americas, Inc.  
 Owner: Pioneer Americas, Inc.  
 Address: 605 Alexander Avenue. Phone: 253/593-1317  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Plant trackage connects with Tacoma Municipal Belt Line Railway.  
 Purpose: Mooring barges.  
 Depth Alongside (feet): 32 | | Latitude (decimal): 47.27889  
 Total Berthing Space (feet): 275 | | Longitude (decimal): -122.4017  
 Remarks: -  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 004  
 Name: **Schnitzer Steel of Tacoma Wharf.**  
 Port: Tacoma  
 Location: North side of Hylebos Waterway, approximately 1.3 miles above East 11th Street Datum: MLLW Bridge.  
 Operator: Schnitzer Steel of Tacoma.  
 Owner: Schnitzer Steel of Tacoma.  
 Address: 1902 Marine View Drive. Phone: 253/572-4000  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: One surface track serves open storage area in rear; connects with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt and shipment of scrap metal by barge and vessel.  
 Depth Alongside (feet): 32 - 35 | Latitude (decimal): 47.26806  
 Total Berthing Space (feet): 300 | Longitude (decimal): -122.3689  
 Remarks: A 250- by 72-foot slip located 800 feet below wharf is also used for vessel storage. Scrap metal processing plant and approximately 26 acres of open storage area are located at rear.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 005  
 Name: **SeaTac Marine Services, Tacoma Wharf.**  
 Port: Tacoma  
 Location: Northeast side of Hylebos Waterway, approximately 1.5 miles above East 11th Street Datum: MLLW Bridge.  
 Operator: SeaTac Marine Services, Island Tug & Barge Co., and Ace Tank & Equipment Co.  
 Owner: Ace Tank & Equipment Co.  
 Address: 1860 Marine View Drive. Phone: 253/573-9848  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Shipment of building materials by barge; mooring company-owned tugs and barges.  
 Depth Alongside (feet): 30 | Latitude (decimal): 47.26583  
 Total Berthing Space (feet): 630 | Longitude (decimal): -122.3664  
 Remarks: Craneway pier at upper end of wharf and an additional parallel craneway from a 432- by 96-foot shipbuilding and launching way slip were not in use at time of survey (2002). SeaTac Marine Services: Approximately 5 acres of paved, open storage area are located at rear.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 002  
 Name: **Sound Refining, Tacoma Terminal Dock.**  
 Port: Tacoma  
 Location: North side of Hylebos Waterway, approximately 0.3 mile above East 11th Street Datum: MLLW  
 Bridge.  
 Operator: Sound Refining, Inc.  
 Owner: Sound Refining, Inc.  
 Address: 2628 Marine View Drive. Phone: 253/272-9348  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Occasional receipt of crude oil; receipt and shipment of petroleum products.  
 Depth Alongside (feet): 32 | | Latitude (decimal): 47.27667  
 Total Berthing Space (feet): 770 | | Longitude (decimal): -122.3861  
 Remarks: One 16- becoming 20-, one 12-, one 6-, and one 3-inch pipelines extend from wharf to 34 steel storage tanks at refinery in rear, total capacity 700,000 barrels.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 007  
 Name: **Streich Bros. Dock.**  
 Port: Tacoma  
 Location: Hylebos Waterway, northeast corner of Upper Turning Basin. Datum: MLLW  
 Operator: Streich Bros., Inc.  
 Owner: Streich Bros., Inc.  
 Address: 1650 Marine View Drive. Phone: 253/383-1491  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Occasional mooring of vessels for repair.  
 Depth Alongside (feet): 35 | 35 | Latitude (decimal): 47.26306  
 Total Berthing Space (feet): | 90 | Longitude (decimal): -122.3592  
 Remarks: Machine and fabrication shop is located at rear.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 017  
 Name: **Trident Seafoods Corp., Berths C and D.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 0.7 mile below East 11th Street Datum: MLLW  
 Bridge.  
 Operator: Trident Seafoods Corp.  
 Owner: Port of Tacoma.  
 Address: 401 Alexander Avenue. Phone: 253/502-5302  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt of frozed seafood; mooring vessels for maintenance and repair.  
 Depth Alongside (feet): 18 - 25 | | Latitude (decimal): 47.28278  
 Total Berthing Space (feet): 1258 | | Longitude (decimal): -122.4075  
 Remarks: Approximately 4 acres of open storage area are located at rear.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 018  
 Name: **Trident Seafoods Corp., Pier 25, Berths A and B.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, at entrance from Commencement Bay. Datum: MLLW  
 Operator: Trident Seafoods Corp.  
 Owner: Port of Tacoma.  
 Address: 401 Alexander Avenue. Phone: 253/502-5302  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair and maintenance.  
 Depth Alongside (feet): 30 | 30 - 35 | 32 - 36 Latitude (decimal): 47.28417  
 Total Berthing Space (feet): | 592 | 592 Longitude (decimal): -122.4133  
 Remarks: Pier is equipped with service lines for supplying compressed air, acetylene gas, and electricity for welding units.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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Waterway: **Hylebos Waterway** Mile: PWD: 013  
 Name: **U.S. Naval Reserve Center, Tacoma Wharf.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 600 feet below East 11th Street Datum: MLLW  
 Bridge.  
 Operator: U.S. Naval Reserve.  
 Owner: U.S. Government.  
 Address: 1100 Alexander Avenue. Phone: 253/383-3577 ex  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring U.S. Naval Reserve barges.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.27778  
 Total Berthing Space (feet): 590 | | Longitude (decimal): -122.3986  
 Remarks: Separate 4-inch sewer and bilge water pipelines for vessels serve wharf. Trucks have access to wharf.  
 U.S. Naval Reserve Center Tacoma is located at rear.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91189 Seattle District

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## Port Facilities by Waterway

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Waterway: **Hylebos Waterway** Mile: PWD: 010  
 Name: **Weyerhaeuser Co., Tacoma Export Yard Dock.**  
 Port: Tacoma  
 Location: South side of Hylebos Waterway, approximately 1.7 miles above East 11th Street Datum: MLLW  
 Bridge.  
 Operator: Weyerhaeuser Co.  
 Owner: Weyerhaeuser Co.  
 Address: 3401 Taylor Way. Phone: 253/924-7974  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt and shipment of logs.  
 Depth Alongside (feet): 39 | | Latitude (decimal): 47.26333  
 Total Berthing Space (feet): 1100 | | Longitude (decimal): -122.3653  
 Remarks: Approximately 18 acres of open, log storage area at rear have capacity for approximately 7,000,000 board feet of logs. Concrete ramp located approximately 240 feet below wharf is used for access to log boom area.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91189 Seattle District

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Waterway: **I & J Street Waterway** Mile: PWD: 119  
 Name: **Bornstein Seafoods, Bellingham Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, southerly side of I & J Street Waterway, Datum: MLLW  
 approximately 500 feet from inn  
 Operator: Bornstein Seafoods, Inc.  
 Owner: Port of Bellingham.  
 Address: 1001 Hilton Avenue. Phone: 360/734-7990  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Receipt of seafood.  
 Depth Alongside (feet): 13 | | Latitude (decimal): 48.75417  
 Total Berthing Space (feet): 300 | | Longitude (decimal): -122.4936  
 Remarks: Seafood processing plant is located at rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91289 Seattle District

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## Port Facilities by Waterway

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Waterway: **I & J Street Waterway** Mile: PWD: 118  
 Name: **Port of Bellingham, I & J Street Waterway Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, southerly side, outer portion of I & J Street Waterway, Bellingham. Datum: MLLW  
 Operator: Port of Bellingham.  
 Owner: Port of Bellingham.  
 Address: 1000 Hilton Avenue. Phone: 360/733-1110  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels and miscellaneous craft.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 48.75361  
 Total Berthing Space (feet): 170 | | Longitude (decimal): -122.4944  
 Remarks: Hilton Harbor Marina uses open area at rear for storage of small vessels. Two fueling pipelines for small vessels extend to 30- by 6-foot, timber float above wharf from one 475-barrel storage tank at rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91289    Seattle District

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Waterway: **Lake Union** Mile: PWD: 116  
 Name: **City Dock Co. Pier.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.2 mile above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: City Dock Co.  
 Owner: City of Seattle.  
 Address: 1301 N. Northlake Way. Phone: 206-236-7363  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring small vessels.  
 Depth Alongside (feet): 36 | 16 - 36 | 16 - 36 Latitude (decimal): 47.64722  
 Total Berthing Space (feet): 20 | 365 | 365 Longitude (decimal): -122.3411  
 Remarks: Series of 10- and 20-foot-wide concrete floats front entire length of lower side of pier. Property was for lease at time survey.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 148  
 Name: **City of Seattle, Marine Heritage Center Wharf.**  
 Port: Seattle  
 Location: Southeast shore of Lake Union, approximately 1.9 miles below Interstate Highway 5 Datum: MWL  
           Bridge, at foot of Ter  
 Operator: City of Seattle.  
 Owner: City of Seattle.  
 Address: 860 Terry Avenue N. Phone: 206-447-2622  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 6 - 28 | 20 - 28 | 10 - 28 Latitude (decimal): 47.62778  
 Total Berthing Space (feet): 240 | 300 | 260 Longitude (decimal): -122.3353  
 Remarks: The concrete deck is the foundation of a concrete building. The former U.S. Naval Reserve Readiness Center, Seattle is located in rear. Plans call for the construction of piers where the following vessels will be moor Lightship No. 83, 'Zodiak' - 2-masted timber schooner, 'Virginia V' - steam powered, part of the Mosquito Fleet, 'Wawona' - 1897 3-masted schooner, 'Arthur Foss' - 1889 tugboat, and 'Duwamish' - fireboat . CenterPuget Sound Maritime Museum, South Lake Union Park, and Maritime Heritage Park are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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Waterway: **Lake Union** Mile: PWD: 126  
 Name: **D & V Boat Co. Wharf.**  
 Port: Seattle  
 Location: North shore of Lake Union, between Interstate Highway 5 and University Bridges. Datum: MWL  
 Operator: D & V Boat Co.; Dahl Tug & Barge; and others.  
 Owner: Dahl Family, LLC.  
 Address: 653-655 N.E. Northlake Way Phone: 206-632-7778  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing company-owned vessels; mooring vessels.  
 Depth Alongside (feet): 17 | 8 - 17 | 0 - 22 Latitude (decimal): 47.65361  
 Total Berthing Space (feet): 178 | 82 | 220 Longitude (decimal): -122.3189  
 Remarks: Buildings on pier are used for storage, repair shops, and offices.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 114  
 Name: **Fremont Tugboat Co. Piers.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 600 feet above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Fremont Boat Co., Inc. and Fremont Tugboat Co.  
 Owner: Mark Freeman.  
 Address: 1059 N. Northlake Way. Phone: 206-632-0151  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs; mooring vessels.  
 Depth Alongside (feet): 25 - 40 | 25 - 40 | 40 Latitude (decimal): 47.64806  
 Total Berthing Space (feet): 160 | 160 | 165 Longitude (decimal): -122.3439  
 Remarks: Upper side of short pier and lower side of long pier form a slip 65 feet wide. Moorings and boathouses for recreational craft are located along sides and at rear of face of long pier. Operator's office is located at pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 145  
 Name: **Lake Union Drydock Co., Center Pier.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.4 miles below Interstate Highway 5 Datum: MWL  
 Bridge, between foot of E.  
 Operator: Lake Union Drydock Co.  
 Owner: Lake Union Drydock Co.  
 Address: 1515 Fairview Avenue E. Phone: 206-323-6400  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydocks.  
 Depth Alongside (feet): 40 | 40 | 40 Latitude (decimal): 47.63417  
 Total Berthing Space (feet): 26 | | Longitude (decimal): -122.3281  
 Remarks: Floating Drydock No. 8, capacity 6,000 long tons, is moored at inner 480-foot section of upper side of pier. Floating Drydock No. 6 is moored to lower side of pier, and Floating Drydock No. 7 is moored outboard of Flo 6, capacities 1,400 long tons each. Pier is equipped with lines for supplying air, water, and steam, and electrical outlets for welding equipment. Several timber-frame sheds are located on pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 146  
 Name: **Lake Union Drydock Co., Center Wharf.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.5 miles below Interstate Highway 5 Datum: MWL  
 Bridge, north of foot of E.  
 Operator: Lake Union Drydock Co.  
 Owner: Lake Union Drydock Co.  
 Address: 1515 Fairview Avenue E. Phone: 206-323-6400  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydocks.  
 Depth Alongside (feet): 35 - 41 | 31 - 35 | Latitude (decimal): 47.63306  
 Total Berthing Space (feet): 530 | 80 | Longitude (decimal): -122.3269  
 Remarks: Floating Drydocks Nos. 6 and 7, capacities 1,400 long tons each, are moored end-to catwalk fronting outer end of wharf. Floating drydocks and outer portion of wharf form a slip approximately 80 to 140 feet wide with S (Ref. No. 147). Wharf is equipped with lines for supplying compressed air, water, and steam, and electrical outlets for welding equipment. Several shops and sheds are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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Waterway: **Lake Union** Mile: PWD: 144  
 Name: **Lake Union Drydock Co., North Pier.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.4 miles below Interstate Highway 5 Datum: MWL  
 Bridge, between foot of E.  
 Operator: Lake Union Drydock Co.  
 Owner: Lake Union Drydock Co.  
 Address: 1515 Fairview Avenue E. Phone: 206-323-6400  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting and repair; mooring floating drydock.  
 Depth Alongside (feet): 40 | 22 - 40 | 35 - 42 Latitude (decimal): 47.63417  
 Total Berthing Space (feet): 20 | 800 | 135 Longitude (decimal): -122.3269  
 Remarks: Lower side of outer portion of pier forms a slip approximately 120 feet wide with the Center Pier, Ref. No. 145. Floating Drydock No. 8, capacity 6,000 long tons, is moored at inner 480-foot portion of lower side of p equipped with lines for supplying air, water, and steam, and electrical outlets for welding equipment. Several timber-frame sheds are located on inner portion of pier.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 147  
 Name: **Lake Union Drydock Co., South Pier.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.5 miles below Interstate Highway 5 Datum: MWL  
           Bridge, south of foot of E.  
 Operator: Lake Union Drydock Co.  
 Owner: Lake Union Drydock Co.  
 Address: 1515 Fairview Avenue E. Phone: 206-323-6400  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring miscellaneous vessels.  
 Depth Alongside (feet): 35 | 32 - 35 | 32 - 35 Latitude (decimal): 47.6325  
 Total Berthing Space (feet): | 750 | 850 Longitude (decimal): -122.3267  
 Remarks: \*Vessels moor alongside outer 255 feet of pier, and stern-to or in floating boathouses along remainder of pier. Additional berthing is available at an L-shaped, timber pile, timber-decked pier located at the inner end side; and at two rows of timber breasting piles parallel to pier, one 160 feet long located 50 feet above pier, and one 480 feet long located 90 feet below pier.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 117  
 Name: **Lake Union Yacht Center Pier.**  
 Port: Seattle  
 Location: North shore of Lake Union, approx. 0.2 mile above Aurora Avenue N. (George Datum: MWL  
           Washington Memorial) Bridge,  
 Operator: Lake Union Yacht Center.  
 Owner: Woeck Family LP.  
 Address: 1341 N. Northlake Way. Phone: 206-548-1578  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 10 - 35 | 10 - 40 | 0 - 35 Latitude (decimal): 47.64694  
 Total Berthing Space (feet): 62 | 85 | 580 Longitude (decimal): -122.34  
 Remarks: \*An additional 100 feet of berthing space in water depths of 30 to 40 feet is available on the upper side of the float. A pair of steel runways form a 60- by 28-foot slip in the face, served by the mobile boat lift. A 120- by 30-foot, steel frame boathouse is located at the lower side of the pier. A warehouse, shops, and offices are located in a building on the pier.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 120  
 Name: **Metro Lake Union Fuel Facility Piers.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.4 mile above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Not operated.  
 Owner: Municipality of Metropolitan Seattle, King County.  
 Address: 1475 N. Northlake Way. Phone: 206-684-1828  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 5 - 40 | 5 - 40 | Latitude (decimal): 47.64583  
 Total Berthing Space (feet): 127 | 122 | Longitude (decimal): -122.3372  
 Remarks: Wharf was formerly used for receipt of diesel fuel. All pipelines were blanked at time of survey. A 14- by 29-foot platform located 11 feet above wharf deck extends from the rear of the wharf to the door of a warehouse. Warehouse is operated by the Transit Department of the Municipality of Metropolitan Seattle.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 143  
 Name: **National Oceanic and Atmospheric Administration, Seattle Pier A.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.3 miles below Interstate Highway 5 Datum: MWL  
 Bridge, at foot of E. Blain  
 Operator: National Oceanic and Atmospheric Administration, Marine Operations Center Pacific.  
 Owner: Elmer F. Edwards Co. and Haug Corp.  
 Address: 1801 Fairview Avenue E. Phone: 206-553-4597  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing oceanographic research vessels and associated craft; handling supplies.  
 Depth Alongside (feet): | 26 - 49 | 26 - 49 Latitude (decimal): 47.63472  
 Total Berthing Space (feet): | 335 | 340 Longitude (decimal): -122.3267  
 Remarks: Lower side of outer portion of pier forms a slip approximately 210 feet wide with Lake Union Drydock Co., North Pier, Ref. No. 144. Two parallel, finger piers, each 100 by 6 feet, including a 20-foot approach ramp spaced apart, extend from lower side of timber extension at shore end of pier, providing berthing space for small boats in depths of 30 to 33 feet. A 100- by 40-foot, boat shed is located 65 feet in rear of pier. One 4-sewer and one 3-inch, steam lines serve pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 142  
 Name: **National Oceanic and Atmospheric Administration, Seattle Pier B.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.3 miles below Interstate Highway 5 Datum: MWL  
           Bridge, between foot of E.  
 Operator: National Oceanic and Atmospheric Administration, Marine Operations Center Pacific.  
 Owner: Elmer F. Edwards Co. and Haug Corp.  
 Address: 1801 Fairview Avenue E. Phone: 206-553-4597  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing oceanographic research vessels; handling supplies.  
 Depth Alongside (feet): 45 - 46 | 20 - 44 | 12 - 45 Latitude (decimal): 47.63556  
 Total Berthing Space (feet): | 510 | 530 Longitude (decimal): -122.3269  
 Remarks: Lower side of pier forms a slip approximately 170 feet wide with the outer portion of Pier A, Ref. No.  
           143. A 100- by 40-foot, shop building is located on shore at the rear of the inner wharf extension. One  
           4-inch, s 3-inch, steam lines serve pier.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 141  
 Name: **National Oceanic and Atmospheric Administration, Seattle Wharf.**  
 Port: Seattle  
 Location: East shore of Lake Union, approximately 1.3 miles below Interstate Highway 5 Datum: MWL  
           Bridge, between foot of E.  
 Operator: National Oceanic and Atmospheric Administration, Marine Operations Center Pacific.  
 Owner: Elmer F. Edwards Co. and Haug Corp.  
 Address: 1801 Fairview Avenue E. Phone: 206-553-4597  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Occasional mooring and repair of oceanographic research vessels; handling supplies.  
 Depth Alongside (feet): 10 - 17 | | Latitude (decimal): 47.63611  
 Total Berthing Space (feet): 150 | | Longitude (decimal): -122.3272  
 Remarks: Guard dolphins are used to moor a floating, oil-containment boom continuously in place around this  
           wharf and adjacent Piers B and A, Ref. Nos. 142 and 143. Guard dolphins and outer portion of wharf  
           form a slip approxi feet wide with Pier B; inner portion of wharf curves south to intersect inner end of  
           pier. One 200- by 60-foot, warehouse building; a 155- by 40-foot, asphalt-paved, open storage area;  
           and a 2-story office buildithe rear.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 119  
 Name: **Northlake Shipyard, East Pier.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.3 mile above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Northlake Shipyard, Inc.  
 Owner: Northlake Shipyard, Inc.  
 Address: 1445 N. Northlake Way. Phone: 206-632-1441  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for conversion and repair.  
 Depth Alongside (feet): 45 | 0 - 45 | 0 - 45 Latitude (decimal): 47.64611  
 Total Berthing Space (feet): | 435 | 435 Longitude (decimal): -122.3378  
 Remarks: SaniTug, Inc. moors vessel at upper side of steel barge.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 118  
 Name: **Northlake Shipyard, West Pier.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.3 mile above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Northlake Shipyard, Inc.  
 Owner: Northlake Shipyard, Inc.  
 Address: 1441 N. Northlake Way. Phone: 206-632-1441  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for conversion and repair; mooring floating drydocks.  
 Depth Alongside (feet): 45 | 10 - 45 | 17 - 45 Latitude (decimal): 47.64667  
 Total Berthing Space (feet): | 350 | Longitude (decimal): -122.3386  
 Remarks: Floating Drydock No. 2, capacity 1,200 tons, is moored at face of pier. A 110- by 32-foot, steel barge is permanently moored at the bulkhead on the upper side, with Floating Drydock No. 9, capacity 1,900 tons, moored portion of the barge. Drydocks are adjacent to each other.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 123  
 Name: **Professional Marine Co., Wharf and Moorings.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.2 mile below Interstate Highway 5 Bridge, Datum: MWL at foot of 1st Aven  
 Operator: Professional Marine Co. and others.  
 Owner: Daniel Federetto and Bob Reid.  
 Address: 2555 N. Northlake Way. Phone: 206-634-3080  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels and recreational craft; mooring vessels and barges for maintenance and repair; mooring floating drydock.  
 Depth Alongside (feet): 20 | 20 | 20 Latitude (decimal): 47.65222  
 Total Berthing Space (feet): 95 | | 50 Longitude (decimal): -122.3264  
 Remarks: One 85-ton, floating drydock is moored along lower side of lower float. Recreational craft are lifted out by crane to open storage yard located at rear. Approximately 2 acres of open work and storage area are located Vessel 'Skansonia' is moored adjacent to wharf. Parking is available at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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Waterway: **Lake Union** Mile: PWD: 121  
 Name: **Seattle Police Department, Lake Union Station, Harbor Patrol Unit**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.4 mile above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Seattle Police Department, Harbor Patrol Unit.  
 Owner: City of Seattle.  
 Address: 1717 N. Northlake Place. Phone: 206-684-4071  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring harbor patrol craft and impounded vessels.  
 Depth Alongside (feet): 5 - 35 | 12 | 0 - 37 Latitude (decimal): 47.64528  
 Total Berthing Space (feet): 100 | 100 | 100 Longitude (decimal): -122.3364  
 Remarks: Three parallel, 20- to 30-foot, timber pile, timber-decked piers extending from lower side of upper pier form 3 boat stalls. Police station, helicopter landing pad, and repair shops are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91218 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 122  
 Name: **Union Bay Fabrication Wharf and Mooring.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 0.5 mile below Interstate Highway 5 Bridge, Datum: MWL at foot of N. 34th  
 Operator: Union Bay Fabrication and other tenants.  
 Owner: Emerald Landing.  
 Address: 2151-2171 N. Northlake Way. Phone: 206-545-0654  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for conversion and repair; mooring vessels.  
 Depth Alongside (feet): 9 - 19 | 15 | 13 - 35 Latitude (decimal): 47.6475  
 Total Berthing Space (feet): 375 | 110 | 335 Longitude (decimal): -122.3306  
 Remarks: Row of dolphins is located along upper side of pier in adjacent marina. Offices, shops, and storage facilities are located in marine repair plant at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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Waterway: **Lake Union** Mile: PWD: 115  
 Name: **Vic Franck's Boat Co. Piers.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 900 feet above Aurora Avenue N. (George Washington Memorial) Br Datum: MWL  
 Operator: Vic Franck's Boat Co., Inc.  
 Owner: Vic Franck's Boat Co., Inc.  
 Address: 1109 N. Northlake Way. Phone: 206-632-7000  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing boats and small vessels for repair and outfitting.  
 Depth Alongside (feet): 12 - 40 | 20 - 40 | 20 - 40 Latitude (decimal): 47.6475  
 Total Berthing Space (feet): 260 | 160 | 220 Longitude (decimal): -122.3422  
 Remarks: \*Upper side of upper pier is adjacent to neighboring pier and precluded from use. Each pier has an 80-foot-long boathouse located along its lower side, with a width of 24 and 22 feet for the lower and upper piers, res One 100-ton, vertical boat lift is located at inner end of slip between piers, with one covered shed at rear served by transfer railway. Marine repair and vessel construction plant is located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 125  
 Name: **Wards Cove Packing Co., Seattle Yard '303' Wharf.**  
 Port: Seattle  
 Location: North shore of Lake Union, approximately 500 feet below Interstate Highway 5 Datum: MWL  
           Bridge, above foot of Laton  
 Operator: Wards Cove Packing Co.  
 Owner: Wards Cove Packing Co.  
 Address: 303 N.E. Northlake Way. Phone: 206-547-2100  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing company-owned fishing boats; occasional handling of supplies.  
 Depth Alongside (feet): 29 | 11 - 29 | 11 Latitude (decimal): 47.65333  
 Total Berthing Space (feet): 30 | 108 | 160 Longitude (decimal): -122.3242  
 Remarks: One 160- by 60-foot, timber frame, metal-covered building located in rear is used for storing fishing gear and supplies. Lower side of pier, providing 0 to 29 feet of water depth, is on property line and was not in us survey. Vessels moor perpendicular to face of wharf.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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Waterway: **Lake Union** Mile: PWD: 139  
 Name: **Wards Cove Packing Co., Seattle Yard '88' Piers.**  
 Port: Seattle  
 Location: Northeast shore of Lake Union, approximately 0.4 mile below Interstate Highway 5 Datum: MWL  
           Bridge.  
 Operator: Wards Cove Packing Co.  
 Owner: Wards Cove Packing Co.  
 Address: 88 E. Hamlin Street. Phone: 206-323-3200  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned fishing boats.  
 Depth Alongside (feet): 5 - 30 | 5 - 30 | 3 - 30 Latitude (decimal): 47.64778  
 Total Berthing Space (feet): 220 | 206 | 45 Longitude (decimal): -122.3253  
 Remarks: Walkway along shore extends from inner end of upper side of operator's wharf, Ref. No. 140. A boathouse is located along face of walkway, 132 feet from lower pier, adjacent to upper side of wharf.  
 Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Union** Mile: PWD: 140  
Name: **Wards Cove Packing Co., Seattle Yard '88' Wharf.**  
Port: Seattle  
Location: Northeast shore of Lake Union, approximately 0.5 mile below Interstate Highway 5 Datum: MWL  
Bridge, above foot of E  
Operator: Wards Cove Packing Co.  
Owner: Wards Cove Packing Co.  
Address: 88 E. Hamlin Street. Phone: 206-323-3200  
Town: Seattle State: WA County: King  
Railway Connection: None.  
Purpose: Mooring and repairing company-owned fishing boats; handling supplies and equipment.  
Depth Alongside (feet): 10 - 30 | 10 - 19 | 8 - 19 Latitude (decimal): 47.64639  
Total Berthing Space (feet): 680 | 190 | 155 Longitude (decimal): -122.3261  
Remarks: An additional 90 feet of berthing space is available along a 5-foot-wide, timber walkway at the upper side of the wharf, between the rear of the extension and the boathouse described under Ref. No. 139. Buildings on the wharf are used for storage, offices, and machine, carpenter, and repair shops.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91218    Seattle District

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Waterway: **Lake Union** Mile: PWD: 124  
Name: **Waterfront Construction, Dock.**  
Port: Seattle  
Location: North shore of Lake Union, approximately 700 feet below Interstate Highway 5 Datum: MWL  
Bridge, below foot of Laton  
Operator: Waterfront Construction, Inc. and others.  
Owner: Northlake Associates.  
Address: 205 N.E. Northlake Way. Phone: 888-827-7784  
Town: Seattle State: WA County: King  
Railway Connection: None.  
Purpose: Handling construction materials, supplies, and equipment to and from barges; mooring company-owned floating equipment; mooring recreational craft.  
Depth Alongside (feet): | 10 - 16 | 10 - 16 Latitude (decimal): 47.65278  
Total Berthing Space (feet): | 160 | 160 Longitude (decimal): -122.3247  
Remarks: One floating steel work barge is moored perpendicular to bulkhead at lower side of pier; access is via 10-foot-wide steel ramp. Contractor's storage yard is located at rear of bulkhead. Kendon Yacht Service moors pile upper side of pier.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91218    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington** Mile: PWD: 138  
 Name: **Barbee Mill Co., Log Lift and Wharf.**  
 Port: Seattle  
 Location: Southeast shore of Lake Washington, approximately 300 feet north of mouth of May Creek, Renton. Datum: MWL  
 Operator: Barbee Mill Co., Inc.  
 Owner: Barbee Mill Co., Inc.  
 Address: 4101 Lake Washington Boulevard N. Phone: 425-226-3900  
 Town: Renton State: WA County: King  
 Railway Connection: One surface track in yard; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Mooring company-owned equipment.  
 Depth Alongside (feet): 8 | | Latitude (decimal): 47.52861  
 Total Berthing Space (feet): 150 | | Longitude (decimal): -122.2042  
 Remarks: Two log bronks moor at lift wharf. Lumber mill located at rear was not in operation at time of survey.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91220 Seattle District

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Waterway: **Lake Washington** Mile: PWD: 136  
 Name: **Carillon Properties, Excursion Boat Landings.**  
 Port: Seattle  
 Location: East shore of Lake Washington, on east side of entrance to Yarrow Bay, Kirkland. Datum: MWL  
 Operator: Carillon Properties.  
 Owner: Carillon Properties.  
 Address: 3240 Carillon Point. Phone: 425-822-1700  
 Town: Kirkland State: WA County: King  
 Railway Connection: None.  
 Purpose: Landing for excursion vessels.  
 Depth Alongside (feet): 10 - 12 | 10 - 16 | 16 - 22 Latitude (decimal): 47.65694  
 Total Berthing Space (feet): 80 | 142 | 152 Longitude (decimal): -122.2064  
 Remarks: South side of pier is used as landing for recreational craft. A marina is located south of the pier. Office buildings, restaurants, and shopping center are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91221 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington** Mile: PWD: 135  
 Name: **City of Kirkland, Commercial Tour Pier.**  
 Port: Seattle  
 Location: East shore of Lake Washington, on northeast side of Moss Bay, Kirkland. Datum: MWL  
 Operator: Argosy Cruises; and City of Kirkland, Parks and Recreation Department.  
 Owner: City of Kirkland.  
 Address: 1 Kirkland Avenue Phone: 425-828-1222  
 Town: Kirkland State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring excursion vessel; landing for excursion vessels.  
 Depth Alongside (feet): 26 | 20 - 26 | 20 - 26 Latitude (decimal): 47.67472  
 Total Berthing Space (feet): | 133 | 133 Longitude (decimal): -122.2067  
 Remarks: Argosy Cruises moors vessel 'Kirkland' on north side of the Commercial Tour Pier, which extends from the outer end of the City Pier. Three piers extending from the north side of the inner portion of the City Pier form providing berths for 65 recreational vessels, moored in 35- by 15- and 20- by 10-foot slips with water depths of 7 to 25 feet.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91221 Seattle District

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Waterway: **Lake Washington** Mile: PWD: 131  
 Name: **Glacier Northwest, Kenmore Wharf.**  
 Port: Seattle  
 Location: North shore of Lake Washington, on north side of 150-foot-wide, dredged slip at head of Lake Washington, Datum: MWL  
 Operator: Glacier Northwest.  
 Owner: Pioneer Towing Co., Inc.  
 Address: 6423 N.E. 175th Street. Phone: 425-489-0230  
 Town: Kenmore State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of sand and gravel by barge.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 47.7575  
 Total Berthing Space (feet): 540 | | Longitude (decimal): -122.2544  
 Remarks: Two rows of bunkers located at the rear have total capacity for approximately 37,500 tons of sand and gravel. A receiving hopper located at the rear of the timber extension serves a conveyor system extending to 2 read plants (only one was in use at time of survey). An asphalt batch plant is also located at rear. An additional open storage area located at the rear of Ref. No. 133 has capacity for approximately 200,000 tons of material.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91221 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington** Mile: PWD: 130  
 Name: **National Oceanic and Atmospheric Administration, Sand Point Stagin**  
 Port: Seattle  
 Location: West shore of Lake Washington, approximately 0.7 mile north of Sand Point. Datum: MWL  
 Operator: National Oceanic and Atmospheric Administration.  
 Owner: United States Government.  
 Address: 7600 Sand Point Way N.E. Phone: 206-526-6163  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring oceanic research and other vessels.  
 Depth Alongside (feet): 30 | 30 | 30 Latitude (decimal): 47.68806  
 Total Berthing Space (feet): 252 | 208 | 194 Longitude (decimal): -122.2589  
 Remarks: Additional berthing and vertical lift service is available at two parallel, 70- by 12-foot, steel pile, concrete-decked piers, spaced 15 feet apart, which extend from natural bank at the inner side of the basin, 120 feet approach portion of pier. One 4-inch, sewer line serves pier. Offices of the National Oceanic and Atmospheric Administration U.S. Department of Commerce are located in buildings at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91221 Seattle District

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Waterway: **Lake Washington** Mile: PWD: 137  
 Name: **Quendall Terminals, Renton Pier.**  
 Port: Seattle  
 Location: Southeast shore of Lake Washington, approximately 0.3 mile north of mouth of May Creek, Renton. Datum: MWL  
 Operator: Quendall Terminals.  
 Owner: Quendall Terminals.  
 Address: 4503 Lake Washington Boulevard N. Phone: 425-226-3900  
 Town: Renton State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring vessels; handling construction materials, supplies, and equipment.  
 Depth Alongside (feet): 13 | 5 - 13 | Latitude (decimal): 47.53222  
 Total Berthing Space (feet): 46 | 50 | Longitude (decimal): -122.2022  
 Remarks: Pier was in deteriorated condition at time of survey, with outer portion of deck supported by floats and logs.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91220 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 157  
 Name: **Foss Maritime Co., Bulkhead C.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.4 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: Two surface tracks, one at rear of face and one at rear of apron; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Occasional receipt and shipment of conventional and containerized general cargo by barge in domestic trade; mooring company-owned floating crane, tugs, and floating equipment.  
 Depth Alongside (feet): 16 | | Latitude (decimal): 47.65444  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.3681  
 Remarks: Wharf is base for the company-owned, floating crane 'Foss 300'. Approximately 2 acres of asphalt-paved, open storage area are located in rear. A row of timber breasting dolphins extend perpendicular to shore from the timber wharf located 100 feet below the bulkhead, providing 400 feet of berthing in water depths up to 10.5 feet.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 156  
 Name: **Foss Maritime Co., Pier D.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.5 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track terminating at rear extends from track serving rear of Wharf B and C (Ref. No. 157); connects with Burlington Northern Santa Fe Railway.  
 Purpose: Mooring and repairing tugs and floating equipment; mooring floating drydock.  
 Depth Alongside (feet): 24 | 16 - 24 | 16 - 24 Latitude (decimal): 47.65444  
 Total Berthing Space (feet): | 80 | 395 Longitude (decimal): -122.3667  
 Remarks: Floating Drydock No. 1, capacity 1,200 long tons, is moored along upper side of pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 155  
 Name: **Foss Maritime Co., Pier E.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.5 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing tugs and floating equipment; mooring floating drydock.  
 Depth Alongside (feet): 24 | 16 - 24 | 16 - 24 Latitude (decimal): 47.65417  
 Total Berthing Space (feet): | 435 | Longitude (decimal): -122.3658  
 Remarks: Floating Drydock No. 2, capacity 2,000 long tons, is moored along lower side of pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 154  
 Name: **Foss Maritime Co., Pier F.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.6 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs and floating equipment.  
 Depth Alongside (feet): 16 - 18 | 16 | Latitude (decimal): 47.65361  
 Total Berthing Space (feet): 160 | 70 | Longitude (decimal): -122.3661  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 153  
 Name: **Foss Maritime Co., Pier G.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.6 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs and floating equipment.  
 Depth Alongside (feet): | 15 - 24 | 15 - 24 Latitude (decimal): 47.65389  
 Total Berthing Space (feet): | 225 | 240 Longitude (decimal): -122.3653  
 Remarks: An additional 60 feet of berthing space is available along bulkhead at inner end of lower side of pier. An office building is located at the rear of the bulkhead.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 152  
 Name: **Foss Maritime Co., Pier H.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.6 mile above Ballard Bridge. Datum: MWL  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 660 W. Ewing Street. Phone: 206-270-4888  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs and floating equipment.  
 Depth Alongside (feet): 10 | 10 | 10 Latitude (decimal): 47.65333  
 Total Berthing Space (feet): 100 | 24 | Longitude (decimal): -122.3656  
 Remarks: Two rows of timber breasting dolphins above wharf provide berthing space in water depths of 12 feet. One extends perpendicular to shore approximately 500 feet above wharf, adjacent to Ref. No. 151, and provides 400 feet space on its lower side. The other is parallel to shore, on the outer side of a marina located above the wharf, and provides 270 feet of berthing space.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 150  
 Name: **King County Department of Natural Resources, Environmental Laborat**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.9 mile above Ballard Datum: MWL  
           Bridge, below foot of 3d  
 Operator: King County, Department of Natural Resources, Environmental Laboratory.  
 Owner: King County.  
 Address: 322 West Ewing Street. Phone: 206-684-2365  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring government-owned, environmental sampling vessels.  
 Depth Alongside (feet): 5 | 5 | 5 Latitude (decimal): 47.6525  
 Total Berthing Space (feet): 8 | 60 | 60 Longitude (decimal): -122.3617  
 Remarks: Pier forms two 14-foot-wide slips with laboratory building on upper side and marina on lower side.  
           Environmental monitoring vessels 'Chinook' and 'Liberty' moor at pier.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 112  
 Name: **Kvichak Marine Industries Wharf.**  
 Port: Seattle  
 Location: North side of Lake Washington Ship Canal, approximately 0.6 mile above Ballard Datum: MWL  
           Bridge, above foot of 6th  
 Operator: Kvichak Marine Industries, Inc.  
 Owner: Kvichak Marine Industries, Inc.  
 Address: 469 N.W. Bowdoin Place. Phone: 206-545-8485  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring newly constructed vessels.  
 Depth Alongside (feet): 4 | | Latitude (decimal): 47.65444  
 Total Berthing Space (feet): 350 | | Longitude (decimal): -122.3642  
 Remarks: Vessels are constructed in a steel frame, metal-covered building located at rear. Approximately 6,000  
           square feet of open storage area is available on apron.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 113  
 Name: **Lakeside Industries, N.W. 39th Street Plant Wharf.**  
 Port: Seattle  
 Location: North side of Lake Washington Ship Canal, approximately 0.8 mile above Ballard Bridge, at foot of N.W. 3 Datum: MWL  
 Operator: Lakeside Industries.  
 Owner: Lee Family.  
 Address: 309 N.W. 39th Street. Phone: 206-632-2709  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of sand and gravel by barge.  
 Depth Alongside (feet): 9 - 11 | | Latitude (decimal): 47.65361  
 Total Berthing Space (feet): 380 | | Longitude (decimal): -122.3631  
 Remarks: Open storage area located at rear has capacity for 54,000 tons of sand and gravel. An electric, belt conveyor in tunnel under stockpiles extends to asphalt plant at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 158  
 Name: **LeClercq Marine Construction Pier.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.3 mile above Ballard Bridge. Datum: MWL  
 Operator: LeClercq Marine Construction, Inc.  
 Owner: Sam LeClercq.  
 Address: 1080 W. Ewing Street. Phone: 206-283-8555  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring small vessels for outfitting and repair.  
 Depth Alongside (feet): 20 | 17 | 6 - 15 Latitude (decimal): 47.65667  
 Total Berthing Space (feet): 35 | 60 | 60 Longitude (decimal): -122.3689  
 Remarks: Vessel construction and a marine repair plant are located in 285- by 100-foot, concrete-walled, timber-roofed building located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 106  
 Name: **Marine Fluid Systems, North Wharf.**  
 Port: Seattle  
 Location: North side of Lake Washington Ship Canal, approximately 0.4 mile above Ballard Bridge. Datum: MWL  
 Operator: Marine Fluid Systems, Inc.  
 Owner: Marine Fluid Systems, Inc.  
 Address: 801 N.W. 42d Street. Phone: 206-706-0858  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 13 | 13 - 15 | 9 - 15 Latitude (decimal): 47.65722  
 Total Berthing Space (feet): 150 | 150 | 100 Longitude (decimal): -122.3675  
 Remarks: One 600-ton marine railway is located on upper side, adjacent to Ref. No. 107. Marine repair plant is located at rear.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 107  
 Name: **Marine Fluid Systems, South Wharf.**  
 Port: Seattle  
 Location: North side of Lake Washington Ship Canal, approximately 0.4 mile above Ballard Bridge, below foot of N.W. Datum: MWL  
 Operator: Marine Fluid Systems, Inc.  
 Owner: Florence Evans and Bridge Ltd. Partnership.  
 Address: 801 N.W. 42d Street. Phone: 206-706-0858  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair and maintenance; handling supplies and equipment.  
 Depth Alongside (feet): 13 | 10 - 15 | Latitude (decimal): 47.65694  
 Total Berthing Space (feet): 160 | 80 | Longitude (decimal): -122.3669  
 Remarks: The marine railway described under the North Wharf (Ref. No. 106) is located at the lower side. Vessels moor at the upper side of the dolphin, stern-to the lower end of the face of the wharf.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 151  
 Name: **McMurray Manufacturing Co. Moorings.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 0.8 mile above Ballard Bridge, foot of 6th Avenue Datum: MWL  
 Operator: McMurray Manufacturing Co.  
 Owner: Don McMurray.  
 Address: 3629 6th Avenue W. Phone: 206-282-9412  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring miscellaneous small vessels and floating equipment.  
 Depth Alongside (feet): | 10 | 10 Latitude (decimal): 47.65306  
 Total Berthing Space (feet): | 340 | 340 Longitude (decimal): -122.3636  
 Remarks: Row of dolphins, described under Ref. No. 152, is owned by Foss Maritime Co. and upper side is used for mooring a timber drydock. A houseboat is moored between the lower side of the pier and the row of dolphins.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 159  
 Name: **Ocean Beauty Seafoods, Upper Wharf.**  
 Port: Seattle  
 Location: South side of Lake Washington Ship Canal, approximately 1,500 feet above Ballard Bridge. Datum: MWL  
 Operator: Ocean Beauty Seafoods, Inc.  
 Owner: Ocean Beauty Seafoods, Inc.  
 Address: 1100 W. Ewing Street. Phone: 206-286-2569  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of seafood; mooring fishing vessels.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.65694  
 Total Berthing Space (feet): 520 | | Longitude (decimal): -122.3703  
 Remarks: Seafood processing plant and offices are located in building at rear of east portion.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Lake Washington Ship Canal** Mile: PWD: 174  
 Name: **Salmon Bay Boatyard Moorings.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 1,500 feet below Ballard Bridge, at east of foot of W. Commodor Datum: MWL  
 Operator: Salmon Bay Boatyard, Inc.  
 Owner: Port of Seattle.  
 Address: 2100 West Commodore Way. Phone: 206-282-5555  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring small vessels for maintenance and repair.  
 Depth Alongside (feet): 10 - 22 | 10 - 22 | 14 - 22 Latitude (decimal): 47.65944  
 Total Berthing Space (feet): 50 | 75 | 130 Longitude (decimal): -122.3825  
 Remarks: Lower side of lower floating pier is adjacent to neighboring marina's pier and is precluded from use.  
 Inner 55 feet of upper side forms a slip 14 feet wide with lower boatlift runway pier, and outer 75 feet of floatin boathouse form a slip 45 feet wide. Boatlift runways form a slip 16 feet wide and 14 feet deep.  
 Asphalt-surfaced repair yard is located at rear.

Port Series: 36 Year of Last Survey: 2002 Corps of Engnrs Waterway Code: 91217 Seattle District

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Waterway: **Middle Waterway** Mile: PWD: 047  
 Name: **Foss Maritime Co., Tacoma Wharf.**  
 Port: Tacoma  
 Location: West side of Middle Waterway, approximately 3,000 feet below inner end. Datum: MLLW  
 Operator: Foss Maritime Co.  
 Owner: Foss Maritime Co.  
 Address: 225 East F Street. Phone: 253/272-0362  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring company-owned, floating equipment.  
 Depth Alongside (feet): 17 - 18 | | Latitude (decimal): 47.2625  
 Total Berthing Space (feet): 270 | | Longitude (decimal): -122.4325  
 Remarks: Additional storage area for 4 barges is available at a mooring buoy at the outer end of the Middle Waterway. Dispatch office is located at rear.

Port Series: 35 Year of Last Survey: 2003 Corps of Engnrs Waterway Code: 91183 Seattle District

## Port Facilities by Waterway

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Waterway: **Middle Waterway** Mile: PWD: 046  
 Name: **Marine Industries Northwest Pier.**  
 Port: Tacoma  
 Location: West side of Middle Waterway, approximately 2,200 feet below inner end. Datum: MLLW  
 Operator: Marine Industries Northwest, Inc.  
 Owner: Foss Maritime Co.  
 Address: 313 East F Street. Phone: 253/627-9136  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels and barges for repair; mooring floating drydock.  
 Depth Alongside (feet): 12 - 25 | | Latitude (decimal): 47.26056  
 Total Berthing Space (feet): 800 | | Longitude (decimal): -122.4311  
 Remarks: North end of wharf is 22 feet wide and shoreward portion is 60 feet wide. A 2,800-ton floating drydock is moored at lower end of wharf and a 600-ton marine railway is located at rear of lower end. Wharf is equipped with supplying compressed air and has electrical connections for welding units.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91183    Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 008  
 Name: **Black Ball Transport, Port Angeles Ferry Dock.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, foot of Laurel Street, Port Angeles. Datum: MLLW  
 Operator: Black Ball Ferry Transport, Inc.  
 Owner: Port of Port Angeles.  
 Address: 101 East Railroad Avenue. Phone: 360/457-4491  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Landing for passenger and vehicular ferry to Victoria, British Columbia.  
 Depth Alongside (feet): 14 - 15 | | Latitude (decimal): 48.12528  
 Total Berthing Space (feet): 364 | | Longitude (decimal): -123.4311  
 Remarks: The ferry 'Coho' operates from slip to Victoria, British Columbia, Canada. Company-owned equipment storage building and U. S. Customs clearance area are located on west side of ferry rack. Ticket office is local property.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91097    Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 022  
 Name: **BP Marine Americas, Port Angeles Wharf.**  
 Port: Northwest Washington  
 Location: West side, Port Angeles Harbor, inner end, Ediz Hook, approximately 750 feet east of entrance to lagoon, Datum: MLLW  
 Operator: BP Marine Americas.  
 Owner: Daishowa America.  
 Address: 1720 West Ediz Hook Road. Phone: 360/452-1433  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Mooring and supplying bunkering barges.  
 Depth Alongside (feet): 15 - 30 | | Latitude (decimal): 48.11861  
 Total Berthing Space (feet): 250 | | Longitude (decimal): -123.4075  
 Remarks: One 12-, one 8-, and one 6-inch pipelines extend from wharf to 5 steel storage tanks at rear, total capacity 143,900 barrels. One 2-inch steam line serves wharf.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91097    Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 019  
 Name: **Daishowa America, Port Angeles Mill Dock.**  
 Port: Northwest Washington  
 Location: West side, Port Angeles Harbor, approximately 700 feet east of entrance to lagoon, Datum: MLLW  
 Port Angeles.  
 Operator: Daishowa America.  
 Owner: Port of Port Angeles.  
 Address: Phone: 206/452-2367  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): | 14 | 14 Latitude (decimal): 48.12222  
 Total Berthing Space (feet): | 320 | 320 Longitude (decimal): -123.4281  
 Remarks: -

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91097    Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 020  
 Name: **Daishowa America, Port Angeles Mill, Barge Dock.**  
 Port: Northwest Washington  
 Location: West side, Port Angeles Harbor, inner end, Ediz Hook, approximately 500 feet east of entrance to lagoon, Datum: MLLW  
 Operator: Daishowa America.  
 Owner: Daishowa America.  
 Address: Phone: 360/452-0622  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt of baled woodpulp.  
 Depth Alongside (feet): 14 | | Latitude (decimal): 48.12139  
 Total Berthing Space (feet): 370 | | Longitude (decimal): -123.4175  
 Remarks: The 53-foot-wide barge slip is parallel to face of wharf and provides a 450-foot-long dredged berth for barges 48 to 50 feet wide. Approximately 2 acres of open storage area are located at mill in rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 018  
 Name: **Daishowa America, Port Angeles Mill, Log Dock.**  
 Port: Northwest Washington  
 Location: West side, Port Angeles Harbor, approximately 1,100 feet east of entrance to lagoon, Datum: MLLW  
 Port Angeles.  
 Operator: Not operated.  
 Owner: Port of Port Angeles.  
 Address: Phone: 206/452-2367  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 27 - 36 | | Latitude (decimal): 48.1225  
 Total Berthing Space (feet): 560 | | Longitude (decimal): -123.4294  
 Remarks: A 30-foot wide, timber, log skidway, located adjacent to south side of wharf, is fronted by log boom area. Approximately 5 acres of log storage area are located in rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 021  
 Name: **Daishowa America, Port Angeles Mill, Paper Wharf.**  
 Port: Northwest Washington  
 Location: West side, Port Angeles Harbor, inner end, Ediz Hook, approximately 650 feet east of entrance to lagoon, Datum: MLLW  
 Operator: Daishowa America and BP Marine Americas.  
 Owner: Daishowa America.  
 Address: Phone: 360/452-0622  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt of petroleum products and fuel oil for plant consumption; shipment of paper products; bunkering vessels.  
 Depth Alongside (feet): 36 - 40 | | Latitude (decimal): 48.11778  
 Total Berthing Space (feet): 570 | | Longitude (decimal): -123.4008  
 Remarks: BP Marine Americas: One 12-, one 8-, and one 6-inch pipelines extend from wharf to storage tanks described under Ref. No. 22  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 017  
 Name: **Daishowa America, Port Angeles Mill, Wood Chip Wharf.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, approximately 1,100 feet west of entrance to Boat Haven, Port Angeles, Datum: MLLW  
 Operator: Daishowa America.  
 Owner: Port of Port Angeles.  
 Address: Phone: 206/452-0651  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt and shipment of wood chips.  
 Depth Alongside (feet): 32 | 20 - 24 | Latitude (decimal): 48.1225  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -123.4331  
 Remarks: Open storage area at rear has capacity for 20,000 b.d.u. of wood chips. A public boat-launching ramp is located at rear of east side of wharf.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 010  
 Name: **K-Ply, Port Angeles Log Lift.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, east of foot of Cedar Street, Port Angeles. Datum: MLLW  
 Operator: K-Ply Inc.  
 Owner: Port of Port Angeles.  
 Address: Phone: 360/457-4421  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt of rafted logs.  
 Depth Alongside (feet): 0 | | Latitude (decimal): 48.12528  
 Total Berthing Space (feet): | | Longitude (decimal): -123.4342  
 Remarks: Approximately 4 acres of open storage area and plywood plant are located at rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 015  
 Name: **Port Angeles Boat Haven Fueling, Work, and G/H Mooring Floats.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, foot of C Street extended, northeast section of Boat Haven Marina, Port Datum: MLLW  
 Operator: Port of Port Angeles and Port Angeles Marine, Inc.  
 Owner: Port of Port Angeles.  
 Address: 832 Boat Haven Drive. Phone: 206/457-4505  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Fueling small vessels; handling supplies and equipment; and mooring small vessels.  
 Depth Alongside (feet): 10 - 15 | 10 - 15 | 8 - 10 Latitude (decimal): 48.14028  
 Total Berthing Space (feet): | 42 | 45 Longitude (decimal): -123.4428  
 Remarks: Port Angeles Marine, Inc.: Five 1 1/2-inch fueling pipelines on fueling float extend from 4 steel storage tanks in rear, total capacity 30,000 gallons.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 005  
 Name: **Port Angeles City Pier.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, foot of Lincoln Street extended, Port Angeles. Datum: MLLW  
 Operator: U. S. Coast Guard and City of Port Angeles.  
 Owner: City of Port Angeles.  
 Address: Phone: 360/452-2342  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Mooring U. S. Coast Guard vessel 'Active', vessels on exhibition, and miscellaneous transient craft.  
 Depth Alongside (feet): 18 | 18 | 16 Latitude (decimal): 48.12944  
 Total Berthing Space (feet): 425 | 105 | Longitude (decimal): -123.4506  
 Remarks: Rear of face is fronted by a parallel- and 5 transverse floats to form berths for small craft end-to. One 4-inch sewer, and one 3-inch oily waste removal pipelines serve wharf. An observation tower is located o Arthur D. Feiro Marine Laboratory is located at inner end.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 006  
 Name: **Port of Port Angeles, Pier No. 2.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, between foot of Lincoln and Laurel Streets, Port Angeles. Datum: MLLW  
 Operator: Not operated.  
 Owner: Port of Port Angeles.  
 Address: 117 East Railroad Avenue. Phone: 360/457-8257  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 25 | 0 - 25 | 12 - 25 Latitude (decimal): 48.12556  
 Total Berthing Space (feet): 70 | Longitude (decimal): -123.4497  
 Remarks: Former fish processing plant was not in use at time of survey (1997). Sections of pier were in poor condition at time of survey.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 014  
 Name: **Port of Port Angeles, Port Fill Log Dump.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, foot of A Street extended, Port Angeles. Datum: MLLW  
 Operator: Port of Port Angeles.  
 Owner: Port of Port Angeles.  
 Address: Phone: 206/457-8527  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Placing bundled and individual logs into water for shipment by rafting.  
 Depth Alongside (feet): 0 | | Latitude (decimal): 48.13778  
 Total Berthing Space (feet): | | Longitude (decimal): -123.4511  
 Remarks: Logs are received by truck at 6.6-acre open storage area located in rear. Log skidways are fronted by a 21-acre log boom area.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 012  
 Name: **Port of Port Angeles, Terminal No. 1.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, foot of Cedar Street, Port Angeles. Datum: MLLW  
 Operator: Port of Port Angeles and Wright's Marine Services, Inc.  
 Owner: Port of Port Angeles.  
 Address: 338 West First Street. Phone: 360/417-3452  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt and shipment of general cargo; shipment of lumber and logs; mooring vessels for repair; mooring miscellaneous vessels.  
 Depth Alongside (feet): 45 | 31 - 34 | 41 - 42 Latitude (decimal): 48.12417  
 Total Berthing Space (feet): | 570 | 1300 Longitude (decimal): -123.44  
 Remarks: Approximately 28,000 square feet of open storage area is located on wharf. Trucks have access to wharf apron and interior of transit shed. Miscellaneous vessels berth along southerly side and at float adjacent

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 013  
 Name: **Port of Port Angeles, Terminal No. 3.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, between foot of Cedar and Tumwater Streets, Port Angeles. Datum: MLLW  
 Operator: Port of Port Angeles.  
 Owner: Port of Port Angeles.  
 Address: Phone: 360/457-8812  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt and shipment of general cargo; shipment of lumber and logs.  
 Depth Alongside (feet): 41 - 45 | | Latitude (decimal): 48.125  
 Total Berthing Space (feet): 480 | | Longitude (decimal): -123.4339  
 Remarks: See Remarks under Ref. No. 14.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 009  
 Name: **Port of Port Angeles, Terminal No. 4.**  
 Port: Northwest Washington  
 Location: South side, Port Angeles Harbor, west of foot of Oak Street, Port Angeles. Datum: MLLW  
 Operator: Port of Port Angeles and High Tide Seafoods.  
 Owner: Port of Port Angeles.  
 Address: Phone: 206/457-8527  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Receipt of seafood; mooring fishing vessels; and handling supplies for fishing vessels.  
 Depth Alongside (feet): 22 | 0 - 22 | 0 - 22 Latitude (decimal): 48.1175  
 Total Berthing Space (feet): | 100 | 100 Longitude (decimal): -123.4433  
 Remarks: Parking lot is located at rear.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 024  
 Name: **Puget Sound Pilots Association, Port Angeles Float.**  
 Port: Northwest Washington  
 Location: North side, Port Angeles Harbor, on Ediz Hook, approximately 2 miles from inner end at entrance to lagoo Datum: MLLW  
 Operator: Puget Sound Pilots Association.  
 Owner: Puget Sound Pilots Association.  
 Address: Phone: 360/457-7944  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Mooring harbor pilot boats 'Juan de Fuca' and Puget Sound.'.   
 Depth Alongside (feet): | 11 | 6 Latitude (decimal): 48.14111  
 Total Berthing Space (feet): | 50 | 50 Longitude (decimal): -123.4244  
 Remarks: A 2-story building supported by timber piling is located off the outer portion of the east side of pier and is connected to the pier by a 8-foot-wide timber walkway.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 001  
 Name: **Rayonier, Port Angeles Mill, East Dock.**  
 Port: Northwest Washington  
 Location: Southeast side, Port Angeles Harbor, west of mouth of Ennis Creek, foot of Ennis Street, Port Angeles. Datum: MLLW  
 Operator: Not operated.  
 Owner: Rayonier, Inc.  
 Address: 700 North Ennis Street. Phone: 360/457-2379 -3  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 5 - 32 | 32 | Latitude (decimal): 48.13361  
 Total Berthing Space (feet): 830 | 220 | Longitude (decimal): -123.4608  
 Remarks: Pier was formerly used for receipt of caustic soda and chlorine by barge and shipment of baled woodpulp. Outer end of pier and outer approach to West Dock (Ref. No. 2) provides 220 feet of continuous berthing sp  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engnrs Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 003  
 Name: **Rayonier, Port Angeles Mill, Limestone Wharf.**  
 Port: Northwest Washington  
 Location: Southeast side, Port Angeles Harbor, west of mouth of Ennis Creek, foot of Ennis Street, Port Angeles. Datum: MLLW  
 Operator: Not operated.  
 Owner: Rayonier, Inc.  
 Address: 700 North Ennis Street. Phone: 360/457-2379 -3  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 48.13556  
 Total Berthing Space (feet): 282 | | Longitude (decimal): -123.4597  
 Remarks: Wharf was formerly used for receipt of wood chips and limestone. Approximately 15,000 square feet of open storage area is located at rear of face.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engnrs Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 004  
 Name: **Rayonier, Port Angeles Mill, Log Lift and Log Dump.**  
 Port: Northwest Washington  
 Location: Southeast side, Port Angeles Harbor, west of mouth of Ennis Creek, west of foot of Chambers Street exten Datum: MLLW  
 Operator: Not operated.  
 Owner: Rayonier, Inc.  
 Address: 700 North Ennis Street. Phone: 360/457-2379 -3  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 5 | 0 | Latitude (decimal): 48.1325  
 Total Berthing Space (feet): | | Longitude (decimal): -123.4592  
 Remarks: Mill was closed at time of survey (1997). A 12-acre boom area serving log lift is protected by a breakwater consisting of a double row of timber piles, retaining rock rubble fill. Log dump is located approximat of lift.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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Waterway: **Port Angeles Harbor** Mile: PWD: 002  
 Name: **Rayonier, Port Angeles Mill, West Dock.**  
 Port: Northwest Washington  
 Location: Southeast side, Port Angeles Harbor, west of mouth of Ennis Creek, foot of Ennis Street, Port Angeles. Datum: MLLW  
 Operator: Not operated.  
 Owner: Rayonier, Inc.  
 Address: 700 North Ennis Street. Phone: 360/457-2379 -3  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 28 | 28 | Latitude (decimal): 48.13528  
 Total Berthing Space (feet): 740 | 220 | Longitude (decimal): -123.4617  
 Remarks: Dock was formerly used for receipt of fuel oil for plant consumption; pipelines and storage tanks had been removed at time of survey (1997). Outer approach and outer end of East Dock (Ref. No. 1) provide 220 fee space.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91097 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Angeles Harbor** Mile: PWD: 025  
 Name: **U.S. Coast Guard Group/Air Station, Port Angeles Wharf.**  
 Port: Northwest Washington  
 Location: North side, Port Angeles Harbor, on Ediz Hook, approximately 0.4 mile from inner end at entrance to lagoon Datum: MLLW  
 Operator: U. S. Coast Guard.  
 Owner: United States Government.  
 Address: Phone: 360/457-2226  
 Town: Port Angeles State: WA County: Clallam  
 Railway Connection: None.  
 Purpose: Mooring U.S. Coast Guard vessels.  
 Depth Alongside (feet): 18 | | 5 - 9 Latitude (decimal): 48.13972  
 Total Berthing Space (feet): 480 | | Longitude (decimal): -123.4136  
 Remarks: U. S. Coast Guard buildings are located on shore at rear of wharf. U. S. Coast Guard Air Station Port Angeles is located in rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91097    Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 026  
 Name: **Fleet Marine, Port Townsend Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, inner end of Point Hudson Boat Haven, Port Townsend. Datum: MLLW  
 Operator: Fleet Marine, Inc.  
 Owner: Port of Port Townsend and Fleet Marine, Inc.  
 Address: 419 Jackson Street. Phone: 360/385-4000  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Hauling out vessels for repair and storage.  
 Depth Alongside (feet): 8 | | Latitude (decimal): 48.11778  
 Total Berthing Space (feet): | | Longitude (decimal): -122.7519  
 Remarks: Marine repair plant and open boat storage area are located in rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91113    Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Townsend Bay** Mile: PWD: 032  
 Name: **New Day Fisheries, Port Townsend Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, outer end, east side of Commercial Basin, Port Townsend. Datum: MLLW  
 Operator: New Day Fisheries.  
 Owner: Port of Port Townsend.  
 Address: 2427 Washington Street. Phone: 360/385-4600  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Receipt of seafood.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 48.10806  
 Total Berthing Space (feet): 50 | | Longitude (decimal): -122.7728  
 Remarks: Seafood processing plant is located in rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91113    Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 027  
 Name: **Pacific Oil Products, Port Townsend Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, between foot of Jackson and Monroe Streets extended, Port Townsend. Datum: MLLW  
 Operator: Not operated.  
 Owner: PST Investments Co.  
 Address: 431 Water Street. Phone: 360/385-1420  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 14 - 16 | | Latitude (decimal): 48.11611  
 Total Berthing Space (feet): 45 | | Longitude (decimal): -122.7519  
 Remarks: Two 3-inch pipelines extend from wharf; storage tanks were not in use at time of survey.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91113    Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 033  
 Name: **Port of Port Townsend, Commercial Basin Floats.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, Port Townsend Commercial Basin, east of foot of Benedict Street, Port To Datum: MLLW  
 Operator: Port of Port Townsend.  
 Owner: Port of Port Townsend.  
 Address: 333 Benedict Street. Phone: 360/385-0656  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 8 - 10 | 8 - 10 | Latitude (decimal): 48.10778  
 Total Berthing Space (feet): 30 | 14 | Longitude (decimal): -122.7739  
 Remarks: West float extends along west side of basin with end-to stalls along east side only.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91113    Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Townsend Bay** Mile: PWD: 028  
 Name: **Port Townsend City Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, foot of Madison Street extended, Port Townsend. Datum: MLLW  
 Operator: City of Port Townsend.  
 Owner: City of Port Townsend.  
 Address: Phone: 360/385-3333  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Mooring miscellaneous vessels; mooring vessels on exhibition.  
 Depth Alongside (feet): 20 | 10 - 24 | 16 - 20 Latitude (decimal): 48.11472  
 Total Berthing Space (feet): | 70 | 220 Longitude (decimal): -122.7503  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 040  
 Name: **Port Townsend Paper Corp., Casual Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, approximately 100 feet west of foot of Thomas Street extended, Port Town Datum: MLLW  
 Operator: Port Townsend Paper Corp.  
 Owner: Port Townsend Paper Corp.  
 Address: Phone: 360/379-2060  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Receipt and shipment of mill supplies and equipment.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 48.09361  
 Total Berthing Space (feet): 145 | | Longitude (decimal): -122.7953  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 041  
 Name: **Port Townsend Paper Corp., Island Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, approximately 350 feet west of foot of Thomas Street extended, Port Town Datum: MLLW  
 Operator: Not operated.  
 Owner: Port Townsend Paper Corp.  
 Address: Phone: 360/379-2060  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 48.08417  
 Total Berthing Space (feet): 150 | | Longitude (decimal): -122.795  
 Remarks: One 8-inch pipeline extending from wharf to one 7,500-barrel, vanillin black liquor storage tank at plant in rear was not in use at time of survey.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Townsend Bay** Mile: PWD: 042  
 Name: **Port Townsend Paper Corp., Peco Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, approximately 600 feet west of foot of Thomas Street extended, Port Town Datum: MLLW  
 Operator: Port Townsend Paper Corp.  
 Owner: Port Townsend Paper Corp.  
 Address: Phone: 360/379-2060  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Receipt of wood chips, sawdust, and hogged fuel; mooring company-owned floating equipment.  
 Depth Alongside (feet): 14 | | Latitude (decimal): 48.09222  
 Total Berthing Space (feet): 430 | | Longitude (decimal): -122.7958  
 Remarks: Approximately 120,000 cubic feet of wood chip storage area is available inside plant at rear; an additional 18 acres of open, wood chip storage area are located on northwest side of plant. An additional 300 feet for mooring idle equipment is available alongside a timber breakwater, parallel to and at the rear of west end of wharf.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 039  
 Name: **Port Townsend Paper Corp., Shipping Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, foot of Thomas Street, Port Townsend. Datum: MLLW  
 Operator: Port Townsend Paper Corp.  
 Owner: Port Townsend Paper Corp.  
 Address: Phone: 360/379-2060  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: West side: Receipt and shipment of paper products. East side: Receipt of fuel oil for plant consumption.  
 Depth Alongside (feet): 30 | 20 | 30 Latitude (decimal): 48.08444  
 Total Berthing Space (feet): 95 | 350 | 450 Longitude (decimal): -122.7925  
 Remarks: One 8-inch pipeline extends from wharf to one 20,000-barrel steel storage tank. A 32,400-square foot (net) storage warehouse on wharf also serves as a transit shed for paper products.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Townsend Bay** Mile: PWD: 038  
 Name: **Seattle and North Coast Railroad, Car Ferry Dock.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, adjacent to southwest corner of Port Townsend Recreational Basin, Port T Datum: MLLW  
 Operator: Not operated.  
 Owner: City of Port Townsend.  
 Address: Phone: 360/385-2355  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: Three tracks on transfer bridge extend from a single track approach in rear.  
 Purpose: Not used.  
 Depth Alongside (feet): 18 | | Latitude (decimal): 48.10444  
 Total Berthing Space (feet): 500 | | Longitude (decimal): -122.7775  
 Remarks: -

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 034  
 Name: **U. S. Coast Guard Moorings, Port Townsend Float.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, outer end, west side of Commercial Basin, Port Townsend. Datum: MLLW  
 Operator: U. S. Coast Guard.  
 Owner: Port of Port Townsend.  
 Address: Benedict Street. Phone: 360-385-3070  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Mooring U. S. Coast Guard vessel 'Point Bennett.'  
 Depth Alongside (feet): | 8 - 10 | 8 - 10 Latitude (decimal): 48.10722  
 Total Berthing Space (feet): | 100 | 100 Longitude (decimal): -122.7733  
 Remarks: -

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Port Townsend Bay** Mile: PWD: 029  
 Name: **Washington State Ferries, Old Port Townsend Terminal.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, foot of Quincy Street extended, Port Townsend. Datum: MLLW  
 Operator: Not operated.  
 Owner: Washington State Department of Transportation, Marine Division.  
 Address: Phone: 206/379-5048  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 48.11444  
 Total Berthing Space (feet): | | Longitude (decimal): -122.7533  
 Remarks: At time of survey (1997) transfer bridge was fenced; ferry terminal was transferred to Ref. No. 31 in 1980.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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## Port Facilities by Waterway

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Waterway: **Port Townsend Bay** Mile: PWD: 031  
 Name: **Washington State Ferries, Port Townsend Ferry Terminal.**  
 Port: Northwest Washington  
 Location: North shore, Port Townsend Bay, approximately 3,000 feet southwest of Point Hudson, foot of Harrison Str Datum: MLLW  
 Operator: Washington State Department of Transportation, Marine Division.  
 Owner: Washington State Department of Transportation, Marine Division.  
 Address: 1220 Water Street. Phone: 206/379-5048  
 Town: Port Townsend State: WA County: Jefferson  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferries operating across Admiralty Inlet, Puget Sound.  
 Depth Alongside (feet): 18 | 18 | 18 Latitude (decimal): 48.11111  
 Total Berthing Space (feet): | | Longitude (decimal): -122.7594  
 Remarks: Ferries operate to Keystone Ferry Terminal on Whidbey Island (Ref. No. 66).  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91113 Seattle District

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Waterway: **Portage Bay** Mile: PWD: 127  
 Name: **University of Washington, Applied Physics Laboratory, Floating Pie**  
 Port: Seattle  
 Location: North shore of Portage Bay, under University Bridge. Datum: MWL  
 Operator: University of Washington, Applied Physics Laboratory.  
 Owner: City of Seattle and University of Washington.  
 Address: 1013 N.E. 40th Street. Phone: 206-685-1971  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring university-owned oceanographic research vessels.  
 Depth Alongside (feet): 14 | 3 - 14 | 6 - 14 Latitude (decimal): 47.65361  
 Total Berthing Space (feet): 72 | 60 | 60 Longitude (decimal): -122.3183  
 Remarks: \*One 16-, and one 12- by 8-foot floats moored to east side of outer pontoon serve as landing for floatplanes. Research vessel 'Henderson' is moored along face.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91219 Seattle District

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Waterway: **Portage Bay** Mile: PWD: 129  
 Name: **University of Washington, Fisheries Wharf.**  
 Port: Seattle  
 Location: North shore of Portage Bay, approximately 0.5 mile above University Bridge. Datum: MWL  
 Operator: University of Washington, School of Fisheries.  
 Owner: State of Washington.  
 Address: Phone: 206-543-4270/68  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring university-owned fisheries research vessels.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 47.64861  
 Total Berthing Space (feet): 125 | | Longitude (decimal): -122.3097  
 Remarks: A 55- by 28-foot, timber storage building is located on wharf. Two 20- by 8-foot, timber floats at east side of wharf are used for mooring small vessels.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91219 Seattle District

## Port Facilities by Waterway

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Waterway: **Portage Bay** Mile: PWD: 128  
 Name: **University of Washington, School of Oceanography Wharf.**  
 Port: Seattle  
 Location: North shore of Portage Bay, approximately 0.4 mile above University Bridge, at foot of 15th Avenue N.E. Datum: MWL  
 Operator: University of Washington, School of Oceanography.  
 Owner: State of Washington.  
 Address: 49 Marine Sciences Building. Phone: 206-543-5648  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring oceanographic research vessels; handling supplies.  
 Depth Alongside (feet): 20 | 12 - 20 | 12 - 20 Latitude (decimal): 47.64944  
 Total Berthing Space (feet): 300 | 50 | 100 Longitude (decimal): -122.3119  
 Remarks: Marine Sciences Building is located on wharf. The Jensen Motor Boat Co. hauls-out recreational craft on a 50-ton, marine railway at their plant located below the wharf, at 1417 N.E. Boat Street.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91219 Seattle District

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Waterway: **Possession Sound** Mile: PWD: 067  
 Name: **Washington State Ferries, Mukilteo Ferry Terminal.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, Elliot Point, foot of Mukilteo Speedway (State Highway 525), Mukilteo. Datum: MLLW  
 Operator: Washington State Department of Transportation, Marine Division.  
 Owner: Washington State Department of Transportation, Marine Division.  
 Address: Phone: 206/355-7308  
 Town: Mukilteo State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferry operating across Possession Sound.  
 Depth Alongside (feet): 35 | | Latitude (decimal): 47.94972  
 Total Berthing Space (feet): | | Longitude (decimal): -122.3044  
 Remarks: Ferries operate to a similar facility at Clinton/Columbia Beach/ Whidbey Island.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91465 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 086  
 Name: **American Construction Co., North Pier.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of 12th Street extended, Everett. Datum: MLLW  
 Operator: American Construction Co.  
 Owner: Port of Everett.  
 Address: 411 13th Street. Phone: 206/259-0118  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment; handling construction materials, supplies, and equipment.  
 Depth Alongside (feet): 13 | | Latitude (decimal): 48.00167  
 Total Berthing Space (feet): 500 | | Longitude (decimal): -122.2206  
 Remarks: Approximately 2 acres of unpaved, open storage area at rear extend to rear of West Pier (Ref. No. 85).

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91250    Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 085  
 Name: **American Construction Co., West Pier.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, north of foot of 13th Street extended, Everett. Datum: MLLW  
 Operator: American Construction Co.  
 Owner: Port of Everett.  
 Address: 411 13th Street. Phone: 206/259-0118  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring company-owned floating equipment; handling construction materials, supplies, and equipment.  
 Depth Alongside (feet): 8 - 11 | | Latitude (decimal): 48.00111  
 Total Berthing Space (feet): 500 | | Longitude (decimal): -122.2219  
 Remarks: Building at rear is used as office and shop.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91250    Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 084  
 Name: **Fisherman's Boat Shop, Everett Mooring.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, between foot of 14th and 15th Streets extended, Datum: MLLW  
 Everett.  
 Operator: Fisherman's Boat Shop, Inc.  
 Owner: Port of Everett.  
 Address: 1016 14th Street. Phone: 425/259-0137  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring small vessels for repair.  
 Depth Alongside (feet): 10 | 0 - 13 | Latitude (decimal): 47.99861  
 Total Berthing Space (feet): | 550 | Longitude (decimal): -122.2161  
 Remarks: One 400-ton marine railway is located along and at inner end of south side of floats. Marine repair shop and open boat storage yard are located at rear. Port of Everett operates one 35- and one 30-ton gasoline, lifts for hauling out vessels; both are located at north end of bulkhead. Everett Bayside Marine, Inc. operates one 5-ton, mobile vertical boat hoist adjacent to the above-mentioned haul out facilities.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91250 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 077  
 Name: **Kimberly-Clark Corp., Everett Operations Chemical Wharf.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, north of foot of Everett Avenue extended, Everett. Datum: MLLW  
 Operator: Kimberly-Clark Corp., Everett Operations.  
 Owner: Kimberly-Clark Corp., Everett Operations.  
 Address: 2600 Federal Avenue. Phone: 206/259-5738  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Trackage serving plant in rear connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of chlorine and caustic soda.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.98306  
 Total Berthing Space (feet): 200 | | Longitude (decimal): -122.2175  
 Remarks: One 6-inch pipeline with a 4-inch hose connection extends from wharf to one 210,000-gallon, caustic soda storage tank; and one 4- and one 3-inch chlorine lines extend from pier to one 70,000-gallon storage tank a

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91249 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 078  
 Name: **Kimberly-Clark Corp., Everett Operations Pulp Wharf.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of 26th Street extended, Everett. Datum: MLLW  
 Operator: Kimberly-Clark Corp., Everett Operations.  
 Owner: Kimberly-Clark Corp., Everett Operations.  
 Address: 2600 Federal Avenue. Phone: 206/259-5738  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Two surface tracks serve railcar dumper at rear, join additional plant trackage connecting with Burlington Northern Sante Fe Railroad.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 15 - 30 | | Latitude (decimal): 47.98417  
 Total Berthing Space (feet): 610 | | Longitude (decimal): -122.2186  
 Remarks: Log rafts are occasionally tied up at face.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 080  
 Name: **Kimberly-Clark Corp., Everett Operations Wharf.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of 25th Street extended, Everett. Datum: MLLW  
 Operator: Not operated.  
 Owner: Kimberly-Clark Corp., Everett Operations.  
 Address: 2600 Federal Avenue. Phone: 206/259-5738  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 25 - 30 | | Latitude (decimal): 47.98806  
 Total Berthing Space (feet): 204 | | Longitude (decimal): -122.2169  
 Remarks: -

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 079  
 Name: **Kimberly-Clark Corp., Everett Operations Wood Chip Dock.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of 25th Street extended, Everett. Datum: MLLW  
 Operator: Kimberly-Clark Corp., Everett Operations.  
 Owner: Kimberly-Clark Corp., Everett Operations.  
 Address: 2600 Federal Avenue. Phone: 206/259-5738  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Two surface tracks serve railcar dumper at rear, join additional plant trackage connecting with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of wood chips and hogged fuel.  
 Depth Alongside (feet): 9 | | Latitude (decimal): 47.98472  
 Total Berthing Space (feet): 200 | | Longitude (decimal): -122.22  
 Remarks: Barges berth end-to float at south side. Three, steel, wood chip storage silos are located at plant at rear, total capacity 1,350 tons. Additional open storage area is available as required.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 088  
 Name: **Nord, Everett Pier.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, adjacent to mouth of Snohomish River, Everett. Datum: MLLW  
 Operator: Nord Division of Jeld-Wen of Everett.  
 Owner: Nord Division of Jeld-Wen of Everett.  
 Address: 300 West Marine View Drive. Phone: 206/259-9292  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: One surface track serving plant in rear and connecting with Burlington Northern Sante Fe Railroad was not in use at time of survey.  
 Purpose: Receipt of lumber.  
 Depth Alongside (feet): 30 | | Latitude (decimal): 48.0175  
 Total Berthing Space (feet): 200 | | Longitude (decimal): -122.2153  
 Remarks: Approximately 3 acres of open storage area are located at rear for rough green lumber. Plant in rear specializes in the manufacture of wooden doors.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91250 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 087  
 Name: **Port of Everett, 12th Street Barge Terminal.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of 12th Street extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206-259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring vessels and barges.  
 Depth Alongside (feet): 20 | | 20 Latitude (decimal): 48.00167  
 Total Berthing Space (feet): | | 290 Longitude (decimal): -122.2181  
 Remarks: Barges berth end-to-face along row of breasting dolphins. Approximately 4 acres of open storage area are located at rear.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91250 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 083  
 Name: **Port of Everett, 15th Street Net Warehouse Wharf and Pier.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, south of foot of 15th Street extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: 1520 West Marine View Drive. Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Receipt of seafood; mooring fishing vessels.  
 Depth Alongside (feet): 10 - 15 | 10 - 15 | 10 Latitude (decimal): 47.99722  
 Total Berthing Space (feet): 420 | 660 | 45 Longitude (decimal): -122.2172  
 Remarks: The Port of Everett operates a 32,760-square foot, metal-covered, net warehouse located at rear of and parallel to south side of wharf; warehouse is divided into 21 sections for individual storage of fishing gear is available along each side of a 600-foot line of concrete floats (Pier P) parallel to and 130 feet north of pier.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91250 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 082  
 Name: **Port of Everett, Gill Net Dock.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, north of foot of 16th Street extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Handling nets, equipment, and supplies for fishing vessels.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 47.99667  
 Total Berthing Space (feet): 120 | | Longitude (decimal): -122.2131  
 Remarks: Plans call for the construction of a concrete pile, timber-decked multiple-use wharf.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 071  
 Name: **Port of Everett, Hewitt Avenue Terminal, Pier No. 1.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, south of foot of Hewitt Avenue extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Two surface tracks on north apron and two surface tracks along center of pier, connect with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade; receipt and shipment of lumber and steel products; and shipment of perishable food com  
 Depth Alongside (feet): 45 | 45 | 45 Latitude (decimal): 47.97833  
 Total Berthing Space (feet): 140 | 600 | 600 Longitude (decimal): -122.2228  
 Remarks: -

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 073  
 Name: **Port of Everett, Hewitt Avenue Terminal, Pier No. 3.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of California Avenue extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: One 7-car-capacity surface track serving alumina-loading facility; connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt and shipment of conventional general cargo; shipment of lumber and logs; and receipt of alumina.  
 Depth Alongside (feet): 40 | 40 | 40 Latitude (decimal): 47.98139  
 Total Berthing Space (feet): 120 | 750 | 780 Longitude (decimal): -122.2211  
 Remarks: Logs are loaded onto vessels from water and lumber from barges, all by ships' gear. Approximately 15 acres of open storage area for logs are located at rear. One 55,000-ton, steel frame, aluminum-covered, stora at the rear of Ref. No. 72.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 075  
 Name: **Port of Everett, Log Handling Facility.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, foot of Everett Avenue extended, Everett. Datum: MLLW  
 Operator: Dunlap Towing Co.  
 Owner: Port of Everett.  
 Address: Phone: 206/252-6614  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Shipment of logs by vessel; receipt of rafted logs.  
 Depth Alongside (feet):           |           | Latitude (decimal): 47.98306  
 Total Berthing Space (feet): 50 |           | Longitude (decimal): -122.2203  
 Remarks: See Remarks under Ref. No. 73.  
 Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91249    Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 081  
 Name: **Port of Everett, Piers P and Q South.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, north of foot of 17th Street extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: 1702 West Marine View Drive. Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet):       10 |       10 | 5 - 10 Latitude (decimal): 47.99583  
 Total Berthing Space (feet): 110 |           | 110 Longitude (decimal): -122.2139  
 Remarks: -  
 Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91249    Seattle District

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 068  
 Name: **Port of Everett, South Terminal, Berth No. 1.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, approximately 0.5 mile south of foot of Hewitt Avenue extended, Everett. Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Two surface tracks in rear connect with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt and shipment of conventional general cargo; shipment of logs; and mooring vessels.  
 Depth Alongside (feet):       39 |           | Latitude (decimal): 47.97528  
 Total Berthing Space (feet): 900 |           | Longitude (decimal): -122.2272  
 Remarks: Approximately 30 acres of paved, open storage area are located at rear.  
 Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91249    Seattle District

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## Port Facilities by Waterway

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Waterway: **Possession Sound/Port Gardner** Mile: PWD: 069  
 Name: **Port of Everett, South Terminal, Dolphin Berth.**  
 Port: Northwest Washington  
 Location: Possession Sound, Port Gardner, approximately 1,800 feet south of foot of Hewitt Avenue extended, Everett Datum: MLLW  
 Operator: Port of Everett.  
 Owner: Port of Everett.  
 Address: Phone: 206/259-3164  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Shipment of logs; mooring vessels.  
 Depth Alongside (feet): 40 | | Latitude (decimal): 47.97611  
 Total Berthing Space (feet): 655 | | Longitude (decimal): -122.2264  
 Remarks: See Remarks under Ref. No. 68.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91249 Seattle District

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Waterway: **Puget Sound** Mile: PWD: 192  
 Name: **Chevron U.S.A., Point Wells Terminal Wharf.**  
 Port: Seattle  
 Location: East shore of Puget Sound, approximately 8 miles north of entrance to Salmon Bay and Lake Washington Shi Datum: MLLW  
 Operator: Chevron U.S.A., Inc.  
 Owner: Chevron U.S.A., Inc.  
 Address: 20555 Richmond Beach Drive N.W. Phone: 206-546-0503  
 Town: Woodway State: WA County: Snohomish  
 Railway Connection: Two surface tracks serve 4 loading racks at plant in rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of petroleum products; loading harbor bunkering barges; and handling supplies.  
 Depth Alongside (feet): 32 - 70 | 30 | 30 Latitude (decimal): 47.78167  
 Total Berthing Space (feet): | 250 | 250 Longitude (decimal): -122.3981  
 Remarks: Marine diesel fuels are furnished to vessels alongside wharf or via barges to vessels at berths in Puget Sound. Three 12- and one 6-inch pipelines extend from wharf to 63 steel storage tanks in terminal at rear, total 866,000 barrels. A 120- by 40-foot, steel frame, metal-covered storage building is located on wharf.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91215 Seattle District

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## Port Facilities by Waterway

Waterway: **Puget Sound** Mile: PWD: 058  
 Name: **Pierce County, Ferry Terminal Slip.**  
 Port: Tacoma  
 Location: Steilacoom, south shore of Puget Sound, at foot of Union Avenue SW. Datum: MLLW  
 Operator: Pierce County, Public Works and Utilities Department, Transportation Services.  
 Owner: Pierce County.  
 Address: Foot of Union Avenue SW. Phone: 253/405-8179  
 Town: Steilacoom State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferrys 'Steilacoom' and 'Christine Anderson' to Anderson and Ketron Islands.  
 Depth Alongside (feet): 37 | | Latitude (decimal): 47.17306  
 Total Berthing Space (feet): | | Longitude (decimal): -122.6019  
 Remarks: Ferry 'Steilacoom' was idle at time of survey (2002).  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91428 Seattle District

Waterway: **Puget Sound** Mile: PWD: 190  
 Name: **Shilshole Bay Marina, Central Pier.**  
 Port: Seattle  
 Location: East side of Shilshole Bay, north of entrance to Salmon Bay, approx- imately 0.3 mile north of the south Datum: MLLW  
 Operator: Port of Seattle and Shilshole Texaco Marine, Inc.  
 Owner: Port of Seattle.  
 Address: 7029 Seaview Avenue N.W. Phone: 206-783-7555  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Fueling small vessels; transient mooring of fishing vessels and recreational craft.  
 Depth Alongside (feet): 15 | 7 - 15 | 7 - 15 Latitude (decimal): 47.68083  
 Total Berthing Space (feet): 50 | 200 | 200 Longitude (decimal): -122.4069  
 Remarks: One 3- and four 2-inch, fueling pipelines extend to 9 metered pumps on floating pier from 2 storage tanks at rear, capacity 475 barrels each. A store building is located on the outer end of the floating pier and a mai office is located at the outer end of the fixed pier. Marina offices are located in a building adjacent to the inner end of the pier. Eight floating piers located between the south side of the pier and the SeafoofNo. 189) provide moorings for recreational craft.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91214 Seattle District

## Port Facilities by Waterway

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Waterway: **Puget Sound** Mile: PWD: 188  
 Name: **Shilshole Bay Marina, Pier A, Fishing Vessel and Repair Moorings.**  
 Port: Seattle  
 Location: East side of Shilshole Bay, north of entrance to Salmon Bay, on the east side of the south entrance to S Datum: MLLW  
 Operator: Port of Seattle and Seaview Boatyard, Inc.  
 Owner: Port of Seattle.  
 Address: 6701 Seaview Avenue N.W. Phone: 206-783-6550  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring small vessels for engine repair, and awaiting haul-out; transient mooring of fishing vessels.  
 Depth Alongside (feet): 16 | 15 | Latitude (decimal): 47.67667  
 Total Berthing Space (feet): 410 | 100 | Longitude (decimal): -122.4086  
 Remarks: Seaview Boatyard, Inc. performs engine removal and installation at float, and hauls-out vessels to its West Yard, located at the rear. Company uses the mobile vertical lift on a pair of parallel, timber pile, steel fr decked runways, spaced 20 feet apart, extending at an angle from the face of the inner wharf. The face of the wave screen wharf provides transient mooring for fishing vessels. Concrete floats along the rear of the face and the north side of the approach form finger piers used for mooring recreational craft.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91214    Seattle District

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Waterway: **Puget Sound** Mile: PWD: 191  
 Name: **Shilshole Bay Marina, Piers J and W, Fishing Vessel Moorings.**  
 Port: Seattle  
 Location: East side of Shilshole Bay, no.of entrance to Salmon Bay (Pier J), approx 0.4 mile north of the south en Datum: MLLW  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 7001 Seaview Avenue N.W. Phone: 206-728-3388  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Transient mooring of fishing vessels and recreational craft.  
 Depth Alongside (feet): 15 | 7 - 15 | 15 Latitude (decimal): 47.68111  
 Total Berthing Space (feet): 125 | 60 | 100 Longitude (decimal): -122.4061  
 Remarks: A 10-foot-wide, concrete float extends from the south side of Pier J to the floats along the north side of the Central Pier (Ref. No. 190), providing an additional 150 feet of berthing in 7 feet of water depth. Pier W approximately 0.4 mile north of Pier J, inside the north entrance to the marina. In addition to the berths available to fishing vessels described above, 12 berths along the sides of Pier J, all berths on the remaW, and 12 floating piers between Piers J and W, are reserved for recreational craft.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91214    Seattle District

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## Port Facilities by Waterway

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Waterway: **Puget Sound** Mile: PWD: 189  
 Name: **Shilshole Bay Marina, Seafood Landing.**  
 Port: Seattle  
 Location: East side of Shilshole Bay, north of entrance to Salmon Bay, approx- imately 500 feet east of the south Datum: MLLW  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 7001 Seaview Avenue N.W. Phone: 206-728-3388  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of seafood; transient mooring of fishing vessels.  
 Depth Alongside (feet): 15 | 15 | Latitude (decimal): 47.67694  
 Total Berthing Space (feet): 140 | 135 | Longitude (decimal): -122.4083  
 Remarks: -

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91214    Seattle District

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Waterway: **Puget Sound** Mile: PWD: 193  
 Name: **UNOCAL Corp., Edmonds Terminal Wharf.**  
 Port: Seattle  
 Location: East shore of Puget Sound, approximately 1.6 miles north of Point Wells, Edwards Point, Edmonds. Datum: MLLW  
 Operator: Not operated.  
 Owner: UNOCAL Corp.  
 Address: 11720 Unoco Road. Phone: 425-640-7610  
 Town: Edmonds State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 30 - 40 | 30 | Latitude (decimal): 47.80389  
 Total Berthing Space (feet): 700 | 165 | Longitude (decimal): -122.3983  
 Remarks: Two 12-, two 10-, and three 6-inch pipelines extending from wharf to 23 steel storage tanks at terminal in rear, total capacity 719,000 barrels, were not in use at time of survey. Plans called for the ultimate removal tanks and disposal of the property.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91215    Seattle District

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## Port Facilities by Waterway

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Waterway: **Puget Sound** Mile: PWD: 194  
 Name: **Washington State Ferries, Edmonds Ferry Terminal.**  
 Port: Seattle  
 Location: East shore of Puget Sound, approximately 0.7 mile north of Edwards Point, Edmonds. Datum: MLLW  
 Operator: State of Washington, Department of Transportation.  
 Owner: Port of Edmonds.  
 Address: Foot of Main Street. Phone: 206-464-6972/15  
 Town: Edmonds State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Terminal for passenger and vehicular ferries operating across Puget Sound to Kingston, WA.  
 Depth Alongside (feet): 28 | | Latitude (decimal): 47.81306  
 Total Berthing Space (feet): 440 | | Longitude (decimal): -122.3842  
 Remarks: Ferries operate to a similar facility at Kingston on the Kitsap Peninsula, approximately 5 miles west, at the continuation of State Highway 104.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91215    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 164  
 Name: **Bakketun & Thomas Boat Co., West Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, above Ballard Bridge. Datum: MWL  
 Operator: Bakketun & Thomas Boat Co.  
 Owner: Salmon Bay Terminals, Inc.  
 Address: 4027 13th Avenue W. Phone: 206-282-8790  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 15 | 15 | 15 Latitude (decimal): 47.65806  
 Total Berthing Space (feet): 130 | 173 | 161 Longitude (decimal): -122.3758  
 Remarks: Access to pier is via a 4-foot-wide ramp from woodworking shop in 80- by 60-foot, elevated building. Small vessels moor at floats under shop building.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 088  
 Name: **Ballard Docks, East Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,250 feet northeast of entrance to north Hiram M. Chittenden L Datum: MWL  
 Operator: Ballard Oil Co., Inc.  
 Owner: Ballard Oil Co., Inc.  
 Address: 5300 26th Avenue N.W. Phone: 206-783-0241  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring miscellaneous, floating equipment; occasionally mooring fishing boats for maintenance and repair.  
 Depth Alongside (feet): 24 | 16 - 24 | 16 - 24 Latitude (decimal): 47.66694  
 Total Berthing Space (feet): | 80 | 270 Longitude (decimal): -122.3894  
 Remarks: The slip between piers provides berthing space with water depths of 20 to 23 feet alongside.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 086  
 Name: **Ballard Docks, West Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 950 feet northeast of entrance to north Hiram M. Chittenden Loc Datum: MWL  
 Operator: Ballard Oil Co., Inc.  
 Owner: Ballard Oil Co., Inc.  
 Address: 5300 26th Avenue N.W. Phone: 206-784-0854  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring miscellaneous, floating equipment; mooring fishing boats for maintenance and repair.  
 Depth Alongside (feet): 24 | 20 - 24 | 18 - 24 Latitude (decimal): 47.66694  
 Total Berthing Space (feet): | 300 | 285 Longitude (decimal): -122.3908  
 Remarks: The users of the Ballard Docks West Pier share 210 feet of the 300 feet of mooring space at the lower side of the dolphins with Barnacle Point (Ref. No. 85). Gardner Boat Repair, Inc. and Paul Pipes Marine Repair perform mechanical and carpentry work, respectively, at the upper side of the pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 095  
 Name: **Ballard Mill Marina Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,800 feet below Ballard Bridge. Datum: MWL  
 Operator: Ballard Mill Marina, Division of Ballard Canal Co.  
 Owner: Ballard Canal Co.  
 Address: 4733 Shilshole Avenue N.W. Phone: 206-789-4777  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring fishing vessels for maintenance and repair.  
 Depth Alongside (feet): 12 - 15 | | Latitude (decimal): 47.66278  
 Total Berthing Space (feet): 265 | | Longitude (decimal): -122.3819  
 Remarks: Vessels moor stern-to wharf. Approximately 0.3 acre of paved, open storage area is located at rear. Seaview Boatyard, Inc. repairs small vessels at their East Yard, located approximately 400 feet above wharf. The co vessels using a 88-ton, diesel, mobile, vertical boat lift with a 22-foot span, operated at a 60-foot slip with a 17-foot depth of water. A 120- by 6-foot, concrete floating pier with water depths of 12 to 35 feet located above slip and serves vessels awaiting haul-out.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 087  
 Name: **Ballard Oil Co., Fuel Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,100 feet northeast of entrance to north Hiram M. Chittenden L Datum: MWL  
 Operator: Ballard Oil Co., Inc.  
 Owner: Ballard Oil Co., Inc.  
 Address: 5300 26th Avenue N.W. Phone: 206-783-0241  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Fueling fishing boats, tugs, and small vessels; supplying vessels with drummed lube oil.  
 Depth Alongside (feet): 23 | 21 - 23 | 21 - 23 Latitude (decimal): 47.66639  
 Total Berthing Space (feet): | 400 | 400 Longitude (decimal): -122.3903  
 Remarks: Marine diesel fuel is available for fueling vessels. One 3-inch and two 2-inch, metered pipelines extend to pier from 4 steel storage tanks located at rear, total capacity 2,400 barrels. An additional 105 feet of ber is available alongside timber pile, timber-decked extension between inner ends of Fuel Pier and West Pier (Ref. No. 86).

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 085  
 Name: **Barnacle Point, West Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 700 feet northeast of entrance to north Hiram M. Chittenden Loc Datum: MWL  
 Operator: Barnacle Point.  
 Owner: Barnacle Point, a subsidiary of All Alaska Seafood Ventures..  
 Address: 2629 N.W. 54th Street. Phone: 206-706-9690  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track serving plant at rear connects with tracks of Burlington Northern Santa Fe Railway.  
 Purpose: Mooring small vessels for outfitting and repair; mooring floating drydock.  
 Depth Alongside (feet): 23 | 15 - 22 | 16 - 23 Latitude (decimal): 47.66667  
 Total Berthing Space (feet): | 390 | 420 Longitude (decimal): -122.3917  
 Remarks: Floating Drydock No. 1, capacity 1,200 tons, is moored above West Pier. Pier is equipped with 3-inch, compressed air and 1 1/2-inch, natural gas and oxygen lines. Approximately 200 feet of berthing space is available along the walkway, and another 210 feet, shared with the users of the Ballard Docks pier, is available along the lower side of a row of timber breasting dolphin of that pier, all in 15 to 24 feet of water depth.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 104  
 Name: **Canal Boat Yard Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,400 feet above Ballard Bridge, above foot of 11th Avenue N.W. Datum: MWL  
 Operator: Coastal Marine Engine, Inc. and Canal Boat Yard, Inc.  
 Owner: Canal Boat Yard, Inc.  
 Address: 4300 11th Avenue N.W. Phone: 206-784-3703  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring small vessels for engine repair, and awaiting haul-out.  
 Depth Alongside (feet): 7 | | Latitude (decimal): 47.65889  
 Total Berthing Space (feet): 230 | | Longitude (decimal): -122.37  
 Remarks: Coastal Marine Engine, Inc. performs minor repairs to engines at wharf. Canal Boat Yard, Inc. hauls-out vessels using the mobile vertical lift on the runways. Both companies operate shops located at rear. Fishing vessel owners perform repairs to their own vessels in yard at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 161  
 Name: **Coastal Transportation, Seattle Mooring, Piers Nos. 1 and 2.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 700 feet above Ballard Bridge. Datum: MWL  
 Operator: Coastal Transportation, Inc.  
 Owner: Salmon Bay Terminals, Inc.  
 Address: 4025 13th Avenue W. Phone: 206-282-9979  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring miscellaneous vessels.  
 Depth Alongside (feet): 17 | 17 | 19 Latitude (decimal): 47.65778  
 Total Berthing Space (feet): 200 | 200 | 200 Longitude (decimal): -122.3731  
 Remarks: Pier No. 1 extends from the outer end of the operator's East Cargo Wharf (Ref. No. 162) and forms a slip 100 feet wide.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 162  
 Name: **Coastal Transportation, Seattle Terminal, Pier No. 1 and Cargo Wha**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 400 feet above Ballard Bridge. Datum: MWL  
 Operator: Coastal Transportation, Inc. and Icicle Seafoods, Inc.  
 Owner: Salmon Bay Terminals, Inc.  
 Address: 4025 13th Avenue W. Phone: 206-282-9979  
 Town: Seattle State: WA County: King  
 Railway Connection: One carfloor-level track serving warehouse at rear; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of conventional general cargo in foreign and domestic trades; mooring company-owned vessels for maintenance and repair.  
 Depth Alongside (feet): 17 | 17 | 17 Latitude (decimal): 47.65694  
 Total Berthing Space (feet): 475 | 390 | 275 Longitude (decimal): -122.3744  
 Remarks: Icicle Seafoods, Inc. moors company-owned vessels at West Wharf. Access to wharves is via timber wharf and transit shed at South Wharf. Upper side of East Wharf is a 275-foot-long, truckloading platform. Approximate of open storage area and a 7,500-square-foot warehouse are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 094  
 Name: **Covich-Williams Co., Ballard Marine Plant Piers.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MWL  
 Operator: Covich-Williams Co., Inc.  
 Owner: Covich-Williams Co., Inc.  
 Address: 5219 Shilshole Avenue N.W. Phone: 206-784-0171  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Fueling fishing boats, tugs, and other vessels with gasoline and diesel fuel; supplying vessels with drummed and tanked lube oil.  
 Depth Alongside (feet): 13 - 25 | 13 - 29 | Latitude (decimal): 47.66417  
 Total Berthing Space (feet): 98 | 158 | Longitude (decimal): -122.3839  
 Remarks: Two 3-inch pipelines on lower pier and two 3-inch pipelines on upper pier extend from 4 steel storage tanks at rear, total capacity 1,900 barrels.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 103  
 Name: **Divers Institute of Technology Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,200 feet above Ballard Bridge, below foot of 11th Avenue N.W. Datum: MWL  
 Operator: Divers Institute of Technology, Inc.  
 Owner: Divers Institute of Technology, Inc.  
 Address: 4315 11th Avenue N.W. Phone: 206-783-5542  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned diving barges and service boats.  
 Depth Alongside (feet): 0 - 12 | | Latitude (decimal): 47.65972  
 Total Berthing Space (feet): 69 | | Longitude (decimal): -122.3708  
 Remarks: Lower side of approach provides 135 feet of berthing in 15 feet of water depth, and upper side of approach provides 80 feet of berthing in water depths of 0 to 4 feet; numerous permanently moored barges perpendicular to along upper side of approach are used for training divers. Office and classroom buildings are located at rear of inner end of slip.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 102  
 Name: **Duncan Engine Co. Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,050 feet above Ballard Bridge. Datum: MWL  
 Operator: Duncan Engine Co., Inc.  
 Owner: Commercial Marine Construction, Inc.  
 Address: 1121 N.W. 45th Street. Phone: 206-784-7173  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for engine repair.  
 Depth Alongside (feet): 11 | | | Latitude (decimal): 47.65972  
 Total Berthing Space (feet): 180 | | | Longitude (decimal): -122.3714  
 Remarks: Marine diesel engines and transmissions are repaired in shop at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 165  
 Name: **Fishermen's Terminal, Marine Railway, Floats Nos. 1 and 2 Piers.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, below Ballard Bridge. Datum: MWL  
 Operator: Fishing Vessel Owners Marine Ways, Inc.  
 Owner: Port of Seattle.  
 Address: 1511 W. Thurman Street. Phone: 206-282-6421  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing fishing vessels.  
 Depth Alongside (feet): 12 - 16 | 12 - 16 | 12 - 16 Latitude (decimal): 47.65694  
 Total Berthing Space (feet): 500 | 500 | 311 Longitude (decimal): -122.3764  
 Remarks: Lower pier, No. 2, and adjacent timber bulkhead form a 90-foot-wide slip with Pier No. 3 (Ref. No. 166). Upper pier, No. 1, has one 450- and one 250-ton, marine railways located on its upper and lower sides, respectiv marine railway precludes the use of the upper side of Float No. 2, and serves a transfer railway extending to the rear. Buildings located at rear are used for offices, storage, and marine repair shops.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 172  
 Name: **Fishermen's Terminal, Northwest Dock, Docks Nos. 1 and 2.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 1,350 feet below Ballard Bridge, at outer side of Fishermen's T Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 18 | 18 | Latitude (decimal): 47.65917  
 Total Berthing Space (feet): 52 | 17 | Longitude (decimal): -122.3817  
 Remarks: Pier extends from outer end of West Wall Wharf (Ref. No. 171) and with Loading Pier (Ref. No. 173), and forms the outer side of Fishermen's Terminal basin. Each side of approach provides 170 feet of berthing space bet and Dock No. 1, the inner wharf; and 172 feet between Docks Nos. 1 and 2.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 173  
 Name: **Fishermen's Terminal, Northwest Dock, Loading Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 530 feet below Ballard Bridge, at outer side of Fishermen's Ter Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing fishing vessels; handling supplies and equipment for fishing vessels.  
 Depth Alongside (feet): 16 - 26 | 14 - 16 | 24 - 26 Latitude (decimal): 47.65889  
 Total Berthing Space (feet): 110 | 140 | 620 Longitude (decimal): -122.3797  
 Remarks: See Remarks under Ref. No. 172.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 166  
 Name: **Fishermen's Terminal, Pier No. 3.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 200 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle and Fishing Vessel Owners Marine Ways, Inc.  
 Owner: Port of Seattle.  
 Address: 1511 W. Thurman Street. Phone: 206-282-6421  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing fishing vessels.  
 Depth Alongside (feet): 16 | 14 - 18 | 14 - 18 Latitude (decimal): 47.65722  
 Total Berthing Space (feet): 60 | 360 | 320 Longitude (decimal): -122.3772  
 Remarks: Inner portion of pier and adjacent timber bulkhead form a 125-foot-wide slip with Pier No. 4 (Ref. No. 167). Fishing Vessel Owners Marine Ways, Inc. operates inner portion for repairing fishing vessels.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 167  
 Name: **Fishermen's Terminal, Pier No. 4.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 400 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle and Rainier Petroleum Corp.  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-282-1567  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Shipment of general cargo and cannery equipment in domestic trade (Alaska); fueling and mooring fishing vessels.  
 Depth Alongside (feet): 20 | 15 - 20 | 17 - 25 Latitude (decimal): 47.65722  
 Total Berthing Space (feet): 60 | 320 | 360 Longitude (decimal): -122.3778  
 Remarks: Inner portion of pier and adjacent bulkheads form 125- and 90-foot-wide slips with Pier No. 3 (Ref. No. 166) and Pier No. 5 (Ref. No. 168), respectively. Rainier Petroleum Corp. fuels vessels at face of pier. One 4- b and one 3-inch pipelines extend to metered pumps from one 475-barrel, dual-compartment storage tank at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 168  
 Name: **Fishermen's Terminal, Pier No. 5.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 570 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 18 | 15 - 18 | 15 - 18 Latitude (decimal): 47.65667  
 Total Berthing Space (feet): | 505 | 505 Longitude (decimal): -122.3783  
 Remarks: Net sheds Nos. 3 and 4 are located on shore at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 169  
 Name: **Fishermen's Terminal, Piers Nos. 6 and 7.**  
 Port: Seattle  
 Location: South shore of Salmon Bay (Pier No. 7), approximately 800 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 10 - 14 | 10 - 14 | 10 - 14 Latitude (decimal): 47.65667  
 Total Berthing Space (feet): | 100 | 100 Longitude (decimal): -122.3794  
 Remarks: Automobile parking lot and net areas are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 170  
 Name: **Fishermen's Terminal, Piers Nos. 8, 9, and 10.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, (Pier No. 10) approximately 1,350 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 10 - 14 | 10 - 14 | 10 - 14 Latitude (decimal): 47.65667  
 Total Berthing Space (feet): | | 100 Longitude (decimal): -122.3817  
 Remarks: Inner portion of Pier No. 10 and adjacent bulkhead form a 160-foot-wide slip with West Wall Wharf (Ref. No. 171). Additional berthing space is available end-to bulkhead. A 132- by 8-foot, concrete float along bulkhead Nos. 9 and 10 serves as a public landing. Administration building and restaurant are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 171  
 Name: **Fishermen's Terminal, West Wall Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 1,500 feet below Ballard Bridge. Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 1735 W. Thurman Street. Phone: 206-728-3712  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Occasional shipment of general cargo and cannery equipment in domestic trade (Alaska); handling supplies and equipment for fishing vessels; mooring fishing vessels for repair.  
 Depth Alongside (feet): 10 - 12 | | Latitude (decimal): 47.6575  
 Total Berthing Space (feet): 1100 | | Longitude (decimal): -122.3822  
 Remarks: Pier No. 10 (Ref. No. 170) and southern portion of Northwest Dock, Wharf No. 1 (Ref. No. 172) are parallel to the face of the wharf, forming a basin 160 to 170 feet wide with a 180-foot-wide entrance. Automobile parki approximately 1.6 acres of open storage area are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrs Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 163  
 Name: **Icicle Seafoods, West Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 250 feet above Ballard Bridge. Datum: MWL  
 Operator: Icicle Seafoods, Inc. and Bakketon & Thomas Boat Co.  
 Owner: Salmon Bay Terminals, Inc.  
 Address: 4025 13th Avenue W. Phone: 206-285-7536  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for maintenance and repair; mooring vessels.  
 Depth Alongside (feet): | 15 | 15 Latitude (decimal): 47.65806  
 Total Berthing Space (feet): | 450 | 450 Longitude (decimal): -122.3756  
 Remarks: Icicle Seafoods, Inc. moors company-owned vessels at upper side of pier and at 70 feet of bulkhead between pier and lower side of West Cargo Wharf (Ref. No. 162). Bakketon & Thomas Boat Co. moors vessels at lower side of pier. Lower side of pier forms a 70-foot-wide slip with Bakketon & Thomas Boat Co. Pier (Ref. No. 164).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 083  
 Name: **Jacobson Terminals, Piers and Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 500 feet north of entrance to north lock. Datum: MWL  
 Operator: Jacobson Terminals, Inc. and various lessees.  
 Owner: Jacobson Terminals, Inc.  
 Address: 5350 30th Avenue N.W. Phone: 206-782-1618  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring miscellaneous floating equipment; mooring small vessels.  
 Depth Alongside (feet): 20 | 20 | 20 Latitude (decimal): 47.66639  
 Total Berthing Space (feet): 240 | 220 | 200 Longitude (decimal): -122.3936  
 Remarks: Approximately 1.1 acres of open storage area are located at rear of bulkheads.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 178  
 Name: **Marco Seattle, Floating Drydock No. 2 Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.5 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MWL  
 Operator: Marco Seattle, Inc.  
 Owner: Marco Seattle, Inc.  
 Address: 2300 W. Commodore Way. Phone: 206-285-3200 E  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair; mooring floating drydock.  
 Depth Alongside (feet): 5 - 30 | 5 - 15 | 5 - 15 Latitude (decimal): 47.66167  
 Total Berthing Space (feet): 40 | 140 | 108 Longitude (decimal): -122.3856  
 Remarks: Floating Drydock No. 2, capacity 500 long tons, is moored end-to at face of lower portion of wharf, in slip with 30 feet of water depth between floats. Lower float forms a 30-foot-wide slip with float alongside upper s Floating Drydock No. 3 (Ref. No. 179).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 179  
 Name: **Marco Seattle, Floating Drydock No. 3 Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock, ab Datum: MWL  
 Operator: Marco Seattle, Inc.  
 Owner: Marco Seattle, Inc.  
 Address: 2300 W. Commodore Way. Phone: 206-285-3200 E  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring floating drydock.  
 Depth Alongside (feet): 5 - 35 | 35 | 5 - 15 Latitude (decimal): 47.66194  
 Total Berthing Space (feet): 30 | | 100 Longitude (decimal): -122.3861  
 Remarks: Floating Drydock No. 3, capacity 1,800 long tons, is moored in corner of wharf, against 73- and 44-foot sections, and alongside lower side of float, in berth providing 35 feet of water depth and is also used for launch in construction yard located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 175  
 Name: **Marco Seattle, Outfitting Apron and Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.6 mile east of entrance to north Hiram M. Chittenden Lock, at Datum: MWL  
 Operator: Marco Seattle, Inc.  
 Owner: Marco Seattle, Inc.  
 Address: 2300 W. Commodore Way. Phone: 206-285-3200 E  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 15 | 17 | 15 Latitude (decimal): 47.66083  
 Total Berthing Space (feet): 140 | 142 | 160 Longitude (decimal): -122.3844  
 Remarks: Pier forms 40-foot-wide slip with upper side of repair apron and float (Ref. No. 176).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 176  
 Name: **Marco Seattle, Repair Apron and Float.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.5 mile east of entrance to north Hiram M. Chittenden Lock, at Datum: MWL  
 Operator: Marco Seattle, Inc.  
 Owner: Marco Seattle, Inc.  
 Address: 2300 W. Commodore Way. Phone: 206-285-3200 E  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 15 | 15 | 15 Latitude (decimal): 47.66139  
 Total Berthing Space (feet): 110 | 165 | 85 Longitude (decimal): -122.3847  
 Remarks: Upper side and float extension form a 40-foot-wide slip with Outfitting Pier (Ref. No. 175).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 177  
 Name: **Marco Seattle, Vertical Boat Lift Piers.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.5 mile east of entrance to north Hiram M. Chittenden Lock, be Datum: MWL  
 Operator: Marco Seattle, Inc.  
 Owner: Marco Seattle, Inc.  
 Address: 2300 W. Commodore Way. Phone: 206-285-3200 E  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels for repair.  
 Depth Alongside (feet): 15 | 5 - 21 | Latitude (decimal): 47.66167  
 Total Berthing Space (feet): 108 | 125 | Longitude (decimal): -122.385  
 Remarks: Lower pier forms a 40-foot-wide slip with the upper float alongside Floating Drydock No. 2 (Ref. No. 178). One 70-ton vertical boat lift and lateral transfer bridge at rear allows transfer to 5 sets of parallel tracks into repair yard.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 180  
 Name: **Maritime Commerce Center, East Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock, at Datum: MWL  
 Operator: Anderson Marine Repair, Inc. and Mariner Properties.  
 Owner: Sutter Estate.  
 Address: 2408 W. Commodore Way. Phone: 206-283-8795  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing fishing vessels and recreational craft; handling supplies and equipment.  
 Depth Alongside (feet): 35 | 8 - 35 | 8 - 35 Latitude (decimal): 47.66194  
 Total Berthing Space (feet): 24 | 170 | 170 Longitude (decimal): -122.3864  
 Remarks: Upper side of pier forms a 30-foot-wide slip with Marco Seattle, Inc., Floating Drydock No. 3 (Ref. No. 179). An additional 120 feet of berthing space in 8 feet of water depth is available along bulkhead below pier. Anderson Marine Repair, Inc. operates carpenter and machine shops in building located at rear. Office and storage facilities are located in additional buildings at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 181  
 Name: **Maritime Commerce Center, West Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MWL  
 Operator: Mariner Properties.  
 Owner: Mariner Properties.  
 Address: 2408 W. Commodore Way. Phone: 206-283-8795  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels for maintenance and repair; mooring recreational craft; handling supplies and equipment.  
 Depth Alongside (feet): 33 | 8 - 33 | 8 - 33 Latitude (decimal): 47.66222  
 Total Berthing Space (feet): 12 | 157 | 157 Longitude (decimal): -122.3869  
 Remarks: An L-shaped, 146- by 8-foot, timber float used for mooring recreational craft extends perpendicular to bulkhead 50 feet above pier.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 185  
 Name: **Maritime Industrial Center, Center Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 850 feet east of entrance to north Hiram M. Chittenden Lock, at Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 2700 W. Commodore Way. Phone: 206-728-3174  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of seafood; shipment of general cargo in domestic trade (Alaska); handling supplies and equipment; mooring and repairing fishing vessels, tugboats, and other floating equipment.  
 Depth Alongside (feet): 24 - 30 | 16 - 19 | 14 - 22 Latitude (decimal): 47.66361  
 Total Berthing Space (feet): 180 | 110 | 140 Longitude (decimal): -122.3911  
 Remarks: Inner portion of lower side of pier, and bulkhead below pier, provide 80 and 185 feet of berthing space, respectively, in water depths of 12 to 16 and 12 to 19 feet, respectively. Lower side of pier and West Pier (Ref L-shaped basin with a 75-foot-wide entrance).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 184  
 Name: **Maritime Industrial Center, East Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 1,000 feet east of entrance to north Hiram M. Chittenden Lock, Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 2700 W. Commodore Way. Phone: 206-728-3174  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring and repairing fishing vessels, tugboats, and other floating equipment.  
 Depth Alongside (feet): 13 - 21 | 8 - 21 | 12 - 13 Latitude (decimal): 47.66333  
 Total Berthing Space (feet): | 108 | 108 Longitude (decimal): -122.3906  
 Remarks: Bulkhead provides 66 and 83 feet of berthing space above and below pier, respectively, in 8 to 14 feet of water depth. Lower bulkhead forms inner end of slip with Center Pier (Ref. No. 185).  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 186  
 Name: **Maritime Industrial Center, West Pier.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 750 feet east of entrance to north Hiram M. Chittenden Lock, Datum: MWL  
 Operator: Port of Seattle.  
 Owner: Port of Seattle.  
 Address: 2700 W. Commodore Way. Phone: 206-728-3174  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt of seafood; shipment of general cargo in domestic trade (Alaska); handling supplies and equipment; mooring and repairing fishing vessels, tugboats, and other floating equipment.  
 Depth Alongside (feet): 22 - 24 | 19 - 22 | 19 - 24 Latitude (decimal): 47.66361  
 Total Berthing Space (feet): | 133 | 154 Longitude (decimal): -122.3922  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 182  
 Name: **New Hope Marine, East Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 0.3 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MWL  
 Operator: New Hope Marine, Inc. and Anderson Marine Repair, Inc.  
 Owner: New Hope Marine, Inc.  
 Address: 2440 W. Commodore Way. Phone: 206-286-6683  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels.  
 Depth Alongside (feet): 16 - 20 | 20 | Latitude (decimal): 47.66278  
 Total Berthing Space (feet): 502 | | Longitude (decimal): -122.3878  
 Remarks: Anderson Marine Repair, Inc. operates a 120-ton, marine railway located at the rear of, and parallel to, the wharf and the lower pier extension, with tracks crossing the lower approach. Elevated platform was formerly used for the receipt of seafood. Shining Ocean, Inc. operates a 180,000-cubic foot, cold storage warehouse adjacent to its seafood processing plant at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 183  
 Name: **New Hope Marine, West Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 1,300 feet east of entrance to north Hiram M. Chittenden Lock, Datum: MWL  
 Operator: New Hope Marine, Inc.  
 Owner: New Hope Marine, Inc.  
 Address: 2440 W. Commodore Way. Phone: 206-286-6683  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing vessels for repair; handling supplies and equipment.  
 Depth Alongside (feet): 12 - 16 | | Latitude (decimal): 47.66333  
 Total Berthing Space (feet): 340 | | Longitude (decimal): -122.3897  
 Remarks: Parallel piers for vertical boat lift are located at lower side of wharf fronting concrete bulkhead with concrete- and asphalt-surfaced solid fill. Paved open storage area located at rear has capacity for approximatel vessels undergoing repair.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 160  
 Name: **Ocean Beauty Seafoods, Lower Wharf.**  
 Port: Seattle  
 Location: South side of Salmon Bay, approximately 1,100 feet above Ballard Bridge. Datum: MWL  
 Operator: Ocean Beauty Seafoods, Inc.  
 Owner: Ocean Beauty Seafoods, Inc.  
 Address: 1100 W. Ewing Street. Phone: 206-286-2569  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 47.6575  
 Total Berthing Space (feet): 330 | | Longitude (decimal): -122.3717  
 Remarks: Upper end of wharf is contiguous with, and at angle to Ref. No. 159. Western end of wharf is a 60-foot-long, elevated, truckloading platform. Former transit shed was under lease at time of survey.  
 Recreational craft along pier.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 090  
 Name: **Pacific Fishermen, Center Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,450 feet northeast of entrance to north Datum: MWL  
           Hiram M. Chittenden L  
 Operator: Pacific Fishermen, Inc.  
 Owner: Pacific Fishermen, Inc.  
 Address: 5351 24th Avenue N.W. Phone: 206-784-2562  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing boats, tugs, barges, and small vessels for repair.  
 Depth Alongside (feet): 24 | 19 - 24 | 21 Latitude (decimal): 47.66694  
 Total Berthing Space (feet): | 220 | 200 Longitude (decimal): -122.3886  
 Remarks: Lower side of pier forms a 38-foot-wide slip with upper side of pier along upper side of vertical boat lift  
 (Ref. No. 89).

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 091  
 Name: **Pacific Fishermen, East Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approx. 1,550 feet northeast of entrance to north Hiram M. Chittenden Lock; b Datum: MWL  
 Operator: Pacific Fishermen, Inc.  
 Owner: Pacific Fishermen, Inc.  
 Address: 5351 24th Avenue N.W. Phone: 206-784-2562  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring fishing boats, tugs, barges, and small vessels for repair.  
 Depth Alongside (feet): 19 - 21 | 0 - 21 | 19 Latitude (decimal): 47.66667  
 Total Berthing Space (feet): 300 | 260 | 146 Longitude (decimal): -122.3883  
 Remarks: One 600- and one 150-ton, marine railways are located adjacent to upper side of pier. The upper marine railway is served by a 250-foot, timber pile, timber-decked walkway extending along its upper side. Marine repair located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 089  
 Name: **Pacific Fishermen, West Pier.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 1,350 feet northeast of entrance to north Hiram M. Chittenden L Datum: MWL  
 Operator: Ballard Oil Co., Inc. and Pacific Fishermen, Inc.  
 Owner: Pacific Fishermen, Inc.  
 Address: 5351 24th Avenue N.W. Phone: 206-784-2562  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring fishing boats, tugs, barges, and small vessels for storage and repair.  
 Depth Alongside (feet): 24 | 15 | 15 Latitude (decimal): 47.66667  
 Total Berthing Space (feet): | 150 | 150 Longitude (decimal): -122.3892  
 Remarks: Ballard Oil Co., Inc. moors fishing vessels along inner 320-foot portion of lower side of pier. Pacific Fishermen, Inc. repairs vessels at rest of pier. A 600-ton, electric, screw-type, vertical boat lift (140 by 35.5 feet) is located adjacent to inner portion of upper side; 80 feet of additional berthing space is available along a timber pile, timber-decked pier the lift. Marine repair plant is located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 093  
 Name: **Salmon Bay Sand & Gravel Co. Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MLLW  
 Operator: Salmon Bay Sand & Gravel Co., Inc.  
 Owner: Salmon Bay Sand & Gravel Co., Inc.  
 Address: 5229 Shilshole Avenue N.W. Phone: 206-784-1234  
 Town: Seattle State: WA County: King  
 Railway Connection: One carfloor-level track at rear of warehouse connects with Ballard Terminal Railroad.  
 Purpose: Receipt of sand and gravel by barge.  
 Depth Alongside (feet): 21 | 13 - 21 | Latitude (decimal): 47.66444  
 Total Berthing Space (feet): 150 | 300 | Longitude (decimal): -122.3842  
 Remarks: \*A 50- by 14-foot, concrete settling basin is located at the face of the wharf. The row of dolphins extends 62 feet out from the lower end of the basin. Upper side forms 50-foot-wide slip with lower side of Covich-Wil No. 94). Crane unloads material into an adjacent 1,200-ton open storage area, served by a 24-inch, electric, belt-conveyor system, extending through a reclaimingtunnel to 2 storage silos with a total capacity of approximately 800 tons, located at a ready-mix concrete plant at rear. Crane also unloads into a storage hopper serving the conveyor system; a receiving hoppbagging plant and the concrete plant; or 4 truckloading hoppers, all at the rear of the apron.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 084  
 Name: **Seaborn Marine Terminal Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 800 feet north of entrance to north lock, west of foot of 28th. Datum: MWL  
 Operator: Seaborn Marine Terminal and various lessees.  
 Owner: Seaborn Marine Terminal.  
 Address: 5355 28th Avenue N.W. Phone: 206-585-2346  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track of Burlington Northern Santa Fe Railway is located at rear of property.  
 Purpose: Mooring miscellaneous, floating equipment; mooring fishing boats for maintenance and repair.  
 Depth Alongside (feet): 8 - 10 | 8 - 10 | 8 - 23 Latitude (decimal): 47.66694  
 Total Berthing Space (feet): 70 | 137 | 500 Longitude (decimal): -122.3928  
 Remarks: \*Vessels moor stern-to the wharf, the inner end of the slip, and a 30-foot-long wharf with 8 feet of water depth located below the pier. Recreational craft moor to the upper side of the row of floats. An office building is located at the rear of the apron, and a shed is located on the east end of the wharf.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91217    Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 098  
 Name: **Seattle Central Community College, Seattle Maritime Academy, Float**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 400 feet above Ballard Bridge; below foot Datum: MWL  
 of 14th Avenue N.W.  
 Operator: Seattle Central Community College, Seattle Maritime Academy.  
 Owner: State of Washington.  
 Address: 4455 Shilshole Avenue N.W. Phone: 206-782-2647  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring training vessels and tugs.  
 Depth Alongside (feet): 18 - 20 | 6 - 18 | Latitude (decimal): 47.66028  
 Total Berthing Space (feet): 125 | 56 | Longitude (decimal): -122.3742  
 Remarks: An additional 85 feet of berthing space in 2- to 3-foot, water depths is available along bulkhead between float and lower approach to barge. Building on barge houses a machine shop used for training. Classrooms and s located at rear of bulkhead.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 097  
 Name: **Seattle Central Community College, Seattle Maritime Academy, Pier**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 300 feet above Ballard Bridge. Datum: MWL  
 Operator: Seattle Central Community College, Seattle Maritime Academy.  
 Owner: State of Washington.  
 Address: 4455 Shilshole Avenue N.W. Phone: 206-782-2647  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring training vessels and tugs.  
 Depth Alongside (feet): 18 - 21 | 13 - 21 | 12 - 18 Latitude (decimal): 47.66028  
 Total Berthing Space (feet): | 200 | 175 Longitude (decimal): -122.375  
 Remarks: A fiberglass and timber float fronted by a row of timber breasting dolphins is located below the pier and provides 60 feet of berthing space in 4 to 5 feet of water depth. The bulkhead above the pier provides 110 feet berthing space adjacent to 6-foot-wide timber floats in 1- to 4-foot depths of water. Classrooms and shops are located at rear.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 092  
 Name: **Stimson Marina and Hydroacoustic Technology, F Dock.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, approximately 0.4 mile east of entrance to north Hiram M. Chittenden Lock. Datum: MWL  
 Operator: Stimson Marina, a subsidiary of C.D. Stimson Co. and Hydroacoustic Technology.  
 Owner: C. D. Stimson Co.  
 Address: 5265 Shilshole Avenue N.W. Phone: 206-784-1000  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring miscellaneous small boats and company-owned research vessel.  
 Depth Alongside (feet): 36 | 6 - 36 | 5 - 35 Latitude (decimal): 47.66417  
 Total Berthing Space (feet): 10 | 289 | 249 Longitude (decimal): -122.3853  
 Remarks: Hydroacoustic Technology research barge 'Impulse' moors along lower side of outer end of pier; pleasure craft moor along remainder.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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Waterway: **Salmon Bay** Mile: PWD: 187  
 Name: **Time Oil Co., Seattle Wharf.**  
 Port: Seattle  
 Location: South shore of Salmon Bay, approximately 450 feet southeast of entrance to north Hiram M. Chittenden Loc Datum: MWL  
 Operator: Time Oil Co.  
 Owner: Time Oil Co.  
 Address: 2737 W. Commodore Way. Phone: 206-285-2400  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Receipt and shipment of petroleum products; fueling small vessels; loading harbor bunkering barges; mooring small vessels and floating equipment for maintenance and repair.  
 Depth Alongside (feet): 31 - 34 | 18 | 31 Latitude (decimal): 47.66389  
 Total Berthing Space (feet): 350 | 325 | 206 Longitude (decimal): -122.3936  
 Remarks: Rear of face is used for mooring fishing vessels and other floating equipment. Such vessels moor for maintenance and repairs at 3 timber, 80-foot-long floats, spaced 80 feet apart, extending from bank at rear of wharf to 16 feet. Upper side of wharf is used for mooring recreational craft for repairs. One 10-, one 8-, two 6-, and three 4-inch pipelines extend from wharf to 14 steel storage tanks located at terminal on opposite way, total capacity 187,000 barrels. Burlington Northern Santa Fe Railway: One 10-inch pipeline extends from wharf to one 55,000-barrel storage tank located in rail yard approximately one mile east.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91217 Seattle District

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## Port Facilities by Waterway

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Waterway: **Salmon Bay** Mile: PWD: 082  
 Name: **U.S. Army Corps of Engineers, Hiram M. Chittenden Locks Wharf.**  
 Port: Seattle  
 Location: North shore of Salmon Bay, north of Hiram M. Chittenden Locks. Datum: MWL  
 Operator: U.S. Army Corps of Engineers.  
 Owner: United States Government.  
 Address: 3015 N.W. 54th Street. Phone: 206-783-7001  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring government-owned vessels and floating equipment.  
 Depth Alongside (feet): 12 | | Latitude (decimal): 47.66611  
 Total Berthing Space (feet): 200 | | Longitude (decimal): -122.3953  
 Remarks: At the south end of the wharf, additional mooring space is available inside a concrete boat house and along the outside of its 80-foot, north wall. Another 600 feet of berthing space in 12 feet of water depth is avail north side of the timber pile, timber-decked, north lock guide wall.

Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91217 Seattle District

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Waterway: **Sitcum Waterway** Mile: PWD: 042  
 Name: **Maersk Pacific, APM Terminals, Tacoma Wharf.**  
 Port: Tacoma  
 Location: South side of Sitcum Waterway. Datum: MLLW  
 Operator: Maersk Pacific, Ltd.  
 Owner: Port of Tacoma.  
 Address: 1675 Lincoln Avenue. Phone: 253/680-4440  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Adjacent South Intermodal Yard consists of four ramp tracks totaling 8,645 feet and seven interchange tracks totaling 10,582 feet; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 46 | | Latitude (decimal): 47.2675  
 Total Berthing Space (feet): 2200 | | Longitude (decimal): -122.4161  
 Remarks: Approximately 135 acres of paved, open storage area including 875 positions for refrigerated cargo containers are located at rear.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91187 Seattle District

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## Port Facilities by Waterway

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Waterway: **Sitcum Waterway** Mile: PWD: 041  
 Name: **Port of Tacoma, Terminal 7A and 7B.**  
 Port: Tacoma  
 Location: Inner end, north side of Sitcum Waterway. Datum: MLLW  
 Operator: Port of Tacoma.  
 Owner: Port of Tacoma.  
 Address: 2209 East 11th Street. Phone:  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Two surface tracks on apron, total length 2,400 feet, and 2 depressed tracks between transit shed and container freight station, total length 1,200 feet; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt and shipment of conventional, containerized, and roll-on/ roll-off general cargo and heavy-lift items; boarding passengers. (See Remarks.)  
 Depth Alongside (feet): 48 | | Latitude (decimal): 47.26778  
 Total Berthing Space (feet): 1200 | | Longitude (decimal): -122.4139  
 Remarks: Face of wharf is in line and contiguous with Terminals 7C and 7D (Ref. Nos. 40 and 39); crane rails are continuous. Terminal facilities in rear also include a 6-acre, paved, container storage area adjacent to the cont station; a 12,000-square-foot cooler building adjacent to the transit shed; one 200-ton-capacity rail scale; and one 60-ton-capacity truck scale. A 60- by 8-foot, concrete-decked, pontoon float with 50-foot walkwlocated at head of Waterway, adjacent to wharf, is used for boarding small passenger vessels. Port of Tacoma administrative offices are located in building at head of slip.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91187 Seattle District

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Waterway: **Sitcum Waterway** Mile: PWD: 040  
 Name: **Port of Tacoma, Terminal 7C, Kaiser Aluminum, Wharf.**  
 Port: Tacoma  
 Location: Center section, north side of Sitcum Waterway. Datum: MLLW  
 Operator: Kaiser Aluminum & Chemical Corp. and Port of Tacoma.  
 Owner: Port of Tacoma.  
 Address: 3400 Taylor Way. Phone: 253/591-0400  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Two surface tracks on apron extending from those on Berths A and B (Ref. No. 41), and one surface track serving a 400-ton (4-car per hour), carloading facility; connect with Tacoma Municipal Belt Line Railway  
 Purpose: Occasional receipt of alumina; receipt and shipment of miscellaneous bulk materials.  
 Depth Alongside (feet): 48 | | Latitude (decimal): 47.26944  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.4161  
 Remarks: Face of wharf is in line and contiguous with Terminals 7A and 7B (Ref. No. 41) and Terminal 7D (Ref. No. 39); crane rails are continuous. One timber frame, aluminum-covered, and one steel frame, aluminum-covered stora alumina in rear have capacities of 50,000 and 100,000 tons, respectively. Approximately 5 acres of open storage area are also located in rear.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91187 Seattle District

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## Port Facilities by Waterway

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Waterway: **Sitcum Waterway** Mile: PWD: 039  
 Name: **Port of Tacoma, Terminal 7D, Husky Terminal & Stevedoring Wharf.**  
 Port: Tacoma  
 Location: Outer end, north side of Sitcum Waterway. Datum: MLLW  
 Operator: Husky Terminal & Stevedoring, Inc.  
 Owner: Port of Tacoma.  
 Address: 710 Port of Tacoma Road. Phone: 253/591-6325  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Eight 3,200-foot surface tracks located at rear of terminal with capacity for 88 double-stack container railcars or 264 conventional railcars; connect with Tacoma Municipal Belt Line Railway.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 51 | | Latitude (decimal): 47.27111  
 Total Berthing Space (feet): 900 | | Longitude (decimal): -122.4183  
 Remarks: Face of wharf is in line and contiguous with Terminal 7C (Ref. No. 40); crane rails are continuous. Approximately 33 acres of paved, open storage area including 192 positions for refrigerated cargo containers are located.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91187    Seattle District

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Waterway: **Snohomish River** Mile: PWD: 100  
 Name: **Dunlap Towing Co., P & D Log Yard Dump.**  
 Port: Northwest Washington  
 Location: Left bank, Snohomish River, approximately 0.6 mile above U. S. Highway 2 Bridge, Datum: MLLW  
 Everett.  
 Operator: Dunlap Towing Co.  
 Owner: State of Washington.  
 Address: 3600 Chestnut Street. Phone: 206/252-7426  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: Trackage in rear connects with Burlington Northern Santa Fe Railroad.  
 Purpose: Shipment of rafted logs.  
 Depth Alongside (feet): 0 - 5 | | Latitude (decimal): 47.97028  
 Total Berthing Space (feet): | | Longitude (decimal): -122.1875  
 Remarks: Approximately 8 1/2 acres of open log storage area are located at rear. Operations carried on in yard at rear include scaling, sorting, and banding of logs.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91247    Seattle District

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## Port Facilities by Waterway

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Waterway: **Snohomish River** Mile: PWD: 090  
 Name: **Kimberly-Clark Corp., Everett Log Dump.**  
 Port: Northwest Washington  
 Location: Left bank, at mouth of Snohomish River, Everett. Datum: MLLW  
 Operator: Not operated.  
 Owner: Kimberly-Clark Corp.  
 Address: Phone: 206/259-5738  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 5 | | Latitude (decimal): 48.01944  
 Total Berthing Space (feet): | | Longitude (decimal): -122.2031  
 Remarks: Rafted logs are occasionally moored at face. Approximately 3 acres of open storage area in rear.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91247 Seattle District

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Waterway: **Snohomish River** Mile: PWD: 096  
 Name: **Kimberly-Clark Corp., Riverside Wood Plant, Log Dump and Log Lift.**  
 Port: Northwest Washington  
 Location: Left bank, Snohomish River, approximately 0.5 mile above Interstate Highway 5 Datum: MLLW  
 Bridge, Everett.  
 Operator: Kimberly-Clark Corp.  
 Owner: Kimberly-Clark Corp.  
 Address: 3703 Railway Avenue. Phone: 206/259-7385  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: One surface track serves log storage yard; connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of rafted logs.  
 Depth Alongside (feet): 7 | 7 | Latitude (decimal): 47.98722  
 Total Berthing Space (feet): | | Longitude (decimal): -122.1717  
 Remarks: Approximately 58 acres of open log storage area are located at rear. Company-owned vessels moor at a 30- by 15-foot, timber float located approximately 1,000 feet downstream.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91247 Seattle District

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## Port Facilities by Waterway

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Waterway: **Snohomish River** Mile: PWD: 098  
 Name: **Wick Towing Co., Everett Mooring.**  
 Port: Northwest Washington  
 Location: Left bank, Snohomish River, approximately 300 feet above U. S. Highway 2 Bridge, Datum: MLLW Everett.  
 Operator: Wick Towing Co., Inc.  
 Owner: Wick Towing Co., Inc.  
 Address: 1112 Grand Avenue. Phone: 425-252-6586  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs.  
 Depth Alongside (feet): 5 | | Latitude (decimal): 47.97778  
 Total Berthing Space (feet): 300 | | Longitude (decimal): -122.1844  
 Remarks: -

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91247    Seattle District

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Waterway: **Squalicum Creek Waterway** Mile: PWD: 139  
 Name: **Mt. Baker Plywood, Bellingham Log Ramp.**  
 Port: Northwest Washington  
 Location: Bellingham Bay, approximately 600 feet below Squalicum Creek Outlet on west side Datum: MLLW of Squalicum Creek Wate  
 Operator: Mt. Baker Plywood.  
 Owner: GN Plywood Inc. dba Mt. Baker Plywood.  
 Address: 2929 Roeder Avenue. Phone: 360/733-3960  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: Trackage serving plywood plant in rear connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of rafted logs.  
 Depth Alongside (feet): 0 - 7 | | Latitude (decimal): 48.76028  
 Total Berthing Space (feet): | | Longitude (decimal): -122.5122  
 Remarks: Approximately 3 acres of open storage area for logs and wood-processing plant are located at rear.  
           Approximately 2 3/4 acres of log boom area fronts ramp.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91287    Seattle District

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## Port Facilities by Waterway

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Waterway: **Squalicum Harbor.** Mile: PWD: 133  
 Name: **Harbor Marine Fuel, Bellingham Float.**  
 Port: Northwest Washington  
 Location: Bellingham Bay, outer end, west section of Squalicum Harbor, approximately 900 feet Datum: MLLW  
 from west entrance,  
 Operator: Harbor Marine Fuel.  
 Owner: Harbor Marine Services and Port of Bellingham.  
 Address: 21 Squalicum Way. Phone: 360/734-1710  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Fueling small vessels.  
 Depth Alongside (feet): 10 | 10 | Latitude (decimal): 48.75639  
 Total Berthing Space (feet): | 85 | Longitude (decimal): -122.5075  
 Remarks: Two 2-inch fueling pipelines with 5 metered connections on float extend from 4 underground steel  
 storage tanks in rear, total capacity 1,050 barrels.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91288 Seattle District

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Waterway: **Squalicum Harbor.** Mile: PWD: 134  
 Name: **Harbor Marine Fuel, Bellingham Pier.**  
 Port: Northwest Washington  
 Location: Bellingham Bay, outer end, west section of Squalicum Harbor, approximately 800 feet Datum: MLLW  
 from west entrance,  
 Operator: Harbor Marine Fuel.  
 Owner: Harbor Marine Services and Port of Bellingham.  
 Address: 21 Squalicum Way. Phone: 360/734-1710  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Fueling small vessels.  
 Depth Alongside (feet): 10 | 10 | Latitude (decimal): 48.75611  
 Total Berthing Space (feet): 124 | 50 | Longitude (decimal): -122.5083  
 Remarks: One 2-inch fueling pipeline with 2 metered connections on pier extends from two of four storage tanks  
 described under Ref. No. 133.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91288 Seattle District

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## Port Facilities by Waterway

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Waterway: **Squalicum Harbor.** Mile: PWD: 120  
 Name: **U. S. Coast Guard Station, Bellingham Dock.**  
 Port: Northwest Washington  
 Location: Bellingham Bay, southeast corner of Squalicum Harbor, Bellingham. Datum: MLLW  
 Operator: U. S. Coast Guard.  
 Owner: Port of Bellingham.  
 Address: 1101 Thomas J. Glenn Drive. Phone: 206/734-1692  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring U. S. Coast Guard vessels.  
 Depth Alongside (feet): 12 | 12 | Latitude (decimal): 48.75611  
 Total Berthing Space (feet): 90 | | Longitude (decimal): -122.4953  
 Remarks: U. S. Coast Guard Station Bellingham is located in rear. Plans call for the Station to move to the I & J Street Waterway in 1999.

Port Series: 37    Year of Last Survey: 1997    Corps of Engnr's Waterway Code: 91288    Seattle District

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Waterway: **St. Paul Waterway** Mile: PWD: 044  
 Name: **Commencement Bay Mill Co., Tacoma Log Lift.**  
 Port: Tacoma  
 Location: Head of St. Paul Waterway. Datum: MLLW  
 Operator: Commencement Bay Mill Co.  
 Owner: Simpson Timber Co.  
 Address: 917 East 11th Street. Phone: 253/680-6813  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: One surface track serves plant at rear; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt of bundled logs.  
 Depth Alongside (feet): 2 | | Latitude (decimal): 47.26111  
 Total Berthing Space (feet): | | Longitude (decimal): -122.4317  
 Remarks: Approximately 4 acres of open storage area for logs are located at rear.

Port Series: 35    Year of Last Survey: 2003    Corps of Engnr's Waterway Code: 91184    Seattle District

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## Port Facilities by Waterway

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Waterway: **Steamboat Slough** Mile: PWD: 101  
 Name: **Hansen Boat Co., Everett Dock.**  
 Port: Northwest Washington  
 Location: Left bank, Steamboat Slough, below Burlington Northern Sante Fe Railroad Bridge, Datum: MLLW  
 Everett.  
 Operator: Hansen Boat Co.  
 Owner: Hansen Boat Co.  
 Address: 4124 34th Avenue NE. Phone: 425/252-4021  
 Town: Everett State: WA County: Snohomish  
 Railway Connection: None.  
 Purpose: Mooring small vessels for repair.  
 Depth Alongside (feet): 5 | | Latitude (decimal): 48.03528  
 Total Berthing Space (feet): 140 | | Longitude (decimal): -122.1825  
 Remarks: Marine repair plant is located at rear. One 860-ton, floating drydock is moored at row of 3 timber dolphins at lower side of pier. Concrete launching way is located at upper side of pier.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrns Waterway Code: 91248    Seattle District

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Waterway: **Thea Foss Waterway** Mile: PWD: 051  
 Name: **City of Tacoma, Fireboat Station 18 Dock.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, below East 11th Street Bridge. Datum: MLLW  
 Operator: City of Tacoma Fire Department.  
 Owner: City of Tacoma.  
 Address: 302 East 11th Street. Phone: 253/591-5798  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring fireboats.  
 Depth Alongside (feet): 20 | | Latitude (decimal): 47.25417  
 Total Berthing Space (feet): 70 | | Longitude (decimal): -122.4325  
 Remarks: City maintenance station is located at rear. Fireboats 'Defiance' and 'Commencement' are based at float.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91182    Seattle District

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## Port Facilities by Waterway

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Waterway: **Thea Foss Waterway** Mile: PWD: 053  
 Name: **J. M. Martinac Shipbuilding Corp., North Dock.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, approximately 1,400 feet above East 11th Street Datum: MLLW Bridge.  
 Operator: J. M. Martinac Shipbuilding Corp.  
 Owner: J. M. Martinac Shipbuilding Corp.  
 Address: 401 East 15th Street. Phone: 253/572-4005  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting, conversion, and repair.  
 Depth Alongside (feet): 19 | 19 | 19 Latitude (decimal): 47.25028  
 Total Berthing Space (feet): 350 | | Longitude (decimal): -122.4317  
 Remarks: Wharf is connected to Outfitting Wharf No. 1 (Ref. No. 54) by a removable, 55-foot steel walkway. Wharf is in line and contiguous with Ref. No. 54 and provides approximately 350 feet of continuous berthing space; up to vessels may be berthed at facility utilizing mooring dolphins.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91182 Seattle District

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Waterway: **Thea Foss Waterway** Mile: PWD: 054  
 Name: **J. M. Martinac Shipbuilding Corp., Outfitting Wharf No. 1.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, approximately 1,500 feet above East 11th Street Datum: MLLW Bridge.  
 Operator: J. M. Martinac Shipbuilding Corp.  
 Owner: J. M. Martinac Shipbuilding Corp.  
 Address: 401 East 15th Street. Phone: 253/572-4005  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for outfitting, conversion, and repair.  
 Depth Alongside (feet): 19 | 19 | Latitude (decimal): 47.24972  
 Total Berthing Space (feet): 350 | | Longitude (decimal): -122.4317  
 Remarks: Shipbuilding ways are located adjacent to upper and lower sides of pier. Wharf is connected to Outfitting Wharf No. 3 (Ref. No. 53) by a removable, 55-foot steel walkway. Wharf is in line and contiguous with Ref. No. approximately 350 feet of continuous berthing space.  
 Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91182 Seattle District

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## Port Facilities by Waterway

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Waterway: **Thea Foss Waterway** Mile: PWD: 050  
 Name: **Olympic Chemical Corp. Dock.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, approximately 300 feet below East 11th Street Bridge. Datum: MLLW  
 Operator: Crowley Marine Services, Inc.  
 Owner: Olympic Chemical Corp.  
 Address: 1002 East D Street. Phone: 253/572-4215  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: Two surface tracks serving tank-car-loading spout connect with Burlington Northern Santa Fe Railway.  
 Purpose: Occasionally mooring of company-owned tugs.  
 Depth Alongside (feet): 19 - 20 | | Latitude (decimal): 47.25472  
 Total Berthing Space (feet): 175 | | Longitude (decimal): -122.4325  
 Remarks: At time of survey (2002), all pipelines had been removed from dock.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91182 Seattle District

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Waterway: **Thea Foss Waterway** Mile: PWD: 052  
 Name: **Petrich Marine Dock.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, above East 11th Street Bridge. Datum: MLLW  
 Operator: Various leases.  
 Owner: Petrich Marine Dock.  
 Address: 1118 East D Street, Suite 1. Phone: 253/  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Mooring vessels for maintenance and repair.  
 Depth Alongside (feet): 13 | | Latitude (decimal): 47.25333  
 Total Berthing Space (feet): 400 | | Longitude (decimal): -122.4322  
 Remarks: -

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91182 Seattle District

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Waterway: **Thea Foss Waterway** Mile: PWD: 048  
 Name: **ST Services/Shore Terminals, Tacoma Dock.**  
 Port: Tacoma  
 Location: East side at entrance to Thea Foss Waterway. Datum: MLLW  
 Operator: ST Services/Shore Terminals, LLC.  
 Owner: ST Services/Shore Terminals, LLC.  
 Address: 250 East D Street. Phone: 253/627-5711  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: One 3-car-capacity surface track serves loading racks; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of petroleum products by vessel and barge.  
 Depth Alongside (feet): 26 | | Latitude (decimal): 47.26056  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.4358  
 Remarks: Four 8-inch pipelines extend from wharf to 16 steel storage tanks at rear, total capacity 500,000 barrels.

Port Series: 35 Year of Last Survey: 2003 Corps of Engrs Waterway Code: 91182 Seattle District

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## Port Facilities by Waterway

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Waterway: **Thea Foss Waterway** Mile: PWD: 049  
 Name: **Tosco Corp., Tacoma Terminal Wharf.**  
 Port: Tacoma  
 Location: East side of Thea Foss Waterway, approximately 1,700 feet below East 11th Street Datum: MLLW  
           Bridge.  
 Operator: Tosco Corp.  
 Owner: Tosco Corp.  
 Address: 516-520 East D Street. Phone: 253/627-3878 X  
 Town: Tacoma State: WA County: Pierce  
 Railway Connection: None.  
 Purpose: Receipt of petroleum products; fueling small vessels.  
 Depth Alongside (feet): 24 - 30 | Latitude (decimal): 47.25833  
 Total Berthing Space (feet): 660 | Longitude (decimal): -122.4342  
 Remarks: Two 8- and one 6-inch pipelines extend from wharf to 12 steel storage tanks, total capacity 280,000  
           barrels. One 3-inch fueling line serves wharf.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91182    Seattle District

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Waterway: **West Waterway** Mile: PWD: 079  
 Name: **American President Lines, Terminal 5, Wharf.**  
 Port: Seattle  
 Location: West side, West Waterway, south of entrance to West Waterway. Datum: MLLW  
 Operator: American President Lines.  
 Owner: Port of Seattle.  
 Address: 3443 West Marginal Way S.W. Phone: 206-933-4557  
 Town: Seattle State: WA County: King  
 Railway Connection: On-dock intermodal yard with capacity of 54 five-platform doublestack rail cars with  
                           adjacent storage facility of equal size; connects with Burlington Northern Santa Fe Railway  
                           and Union Pacific Railroad.  
 Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade.  
 Depth Alongside (feet): 45 - 50 | Latitude (decimal): 47.57694  
 Total Berthing Space (feet): 2900 | Longitude (decimal): -122.3614  
 Remarks: Approximately 130 acres of paved, open storage area with capacity for 3,208 TEUs parked and 2,470  
           TEUs grounded including 650 electrical outlets for refrigerated containers are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91210    Seattle District

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## Port Facilities by Waterway

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Waterway: **West Waterway** Mile: PWD: 034  
 Name: **BP Oil Co., Seattle Terminal, Pier No. 11.**  
 Port: Seattle  
 Location: East side, West Waterway, south of foot of S.W. Florida Street extended. Datum: MLLW  
 Operator: BP Oil Co.  
 Owner: BP Oil Co.  
 Address: 1652 S.W. Lander Street. Phone: 206-623-4635  
 Town: Seattle State: WA County: King  
 Railway Connection: One surface track on east side of property serves 6-car-capacity, tank car loading rack; connects with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and shipment of petroleum products; bunkering vessels; and loading barges for bunkering vessels at berth.  
 Depth Alongside (feet): 32 | | Latitude (decimal): 47.5825  
 Total Berthing Space (feet): 460 | | Longitude (decimal): -122.3583  
 Remarks: Four 8- and one 6-inch pipelines extend from wharf to 23 steel storage tanks at 3 separate locations in rear, total capacity 617,800 barrels. Floating, oil-spill containment booms are available as required.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91210 Seattle District

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Waterway: **West Waterway** Mile: PWD: 075  
 Name: **Island Tug & Barge Co., North Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 450 feet north of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: Island Tug & Barge Co.  
 Owner: Chester W. Whitman.  
 Address: 3546 West Marginal Way S.W. Phone: 206-938-0403  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Mooring company-owned tugs and towboats.  
 Depth Alongside (feet): 10 | 10 | Latitude (decimal): 47.57278  
 Total Berthing Space (feet): 145 | | Longitude (decimal): -122.3564  
 Remarks: -  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91209 Seattle District

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## Port Facilities by Waterway

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Waterway: **West Waterway** Mile: PWD: 077  
 Name: **Pacific Terminals Ltd., East Wharf.**  
 Port: Seattle  
 Location: West side, at head of West Waterway, north of foot of Chelan Avenue S.W. Datum: MLLW  
 Operator: Pacific Terminals Ltd.  
 Owner: Puget Sound Freight Lines.  
 Address: 3480 West Marginal Way S.W. Phone: 206-612-1455  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface trackage serving warehouses join additional trackage serving yard in rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and occasional shipment of lumber; receipt of wood pulp and paper products.  
 Depth Alongside (feet): 15 | 15 | Latitude (decimal): 47.57389  
 Total Berthing Space (feet): 450 | | Longitude (decimal): -122.3589  
 Remarks: Warehouse located at rear is used by Pacific Terminals Ltd. for storage of wood pulp and paper products. Face of wharf is in line with Ref. No. 78.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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Waterway: **West Waterway** Mile: PWD: 078  
 Name: **Pacific Terminals Ltd., West Wharf.**  
 Port: Seattle  
 Location: West side, at head of West Waterway, north of foot of Chelan Avenue S.W. Datum: MLLW  
 Operator: Pacific Terminals Ltd.  
 Owner: Puget Sound Freight Lines.  
 Address: 3480 West Marginal Way S.W. Phone: 206-612-1455  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface trackage serving warehouses join additional trackage serving yard in rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Receipt and occasional shipment of lumber; receipt of wood pulp and paper products.  
 Depth Alongside (feet): 15 | 15 | Latitude (decimal): 47.57389  
 Total Berthing Space (feet): 220 | | Longitude (decimal): -122.3606  
 Remarks: Warehouse located at rear is used by Pacific Terminals Ltd. for storage of wood pulp and paper products. Face of wharf is in line with Ref. No. 77.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91210    Seattle District

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## Port Facilities by Waterway

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Waterway: **West Waterway** Mile: PWD: 035  
 Name: **Pendleton Flour Mills, Seattle Wharf.**  
 Port: Seattle  
 Location: East side, West Waterway, south of foot of S.W. Hanford Street. Datum: MLLW  
 Operator: Not operated.  
 Owner: Pendleton Flour Mills LLC.  
 Address: 3235 16th Avenue S.W. Phone: 206-622-4430  
 Town: Seattle State: WA County: King  
 Railway Connection: Four tracks serve warehouse and grain elevators at rear; all connect with joint tracks of Union Pacific Railroad and Burlington Northern Santa Fe Railway.  
 Purpose: Not used.  
 Depth Alongside (feet): 32 | 32 | Latitude (decimal): 47.57528  
 Total Berthing Space (feet): 700 | 635 | Longitude (decimal): -122.3583  
 Remarks: A one-story, 95,000-square-foot, concrete building at rear of face is used as a storage warehouse for bagged flour. Two grain elevators with a total capacity of 2,000,000 bushels are located at the rear of this concrete Facility was formerly used for shipment of bagged flour.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91210 Seattle District

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Waterway: **West Waterway** Mile: PWD: 036  
 Name: **Tilbury Cement Co., Harbor Island Terminal Wharf.**  
 Port: Seattle  
 Location: East side, West Waterway, north of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: Not operated.  
 Owner: Tilbury Cement Co.  
 Address: 3423 Klickitat Avenue S.W. Phone: 206-623-7664  
 Town: Seattle State: WA County: King  
 Railway Connection: None.  
 Purpose: Not used.  
 Depth Alongside (feet): 13 | | Latitude (decimal): 47.57194  
 Total Berthing Space (feet): 220 | | Longitude (decimal): -122.3536  
 Remarks: Facility was formerly used for receipt of bulk cement by self-unloading barges. One 8-inch, pneumatic pipeline extending from wharf to four cement storage silos in rear, total capacity 7,400 tons, was not in use at time Plant is equipped to supply bulk cement to trucks at 2 truck-loading stations, each equipped with scale and one spout.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrs Waterway Code: 91210 Seattle District

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## Port Facilities by Waterway

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Waterway: **West Waterway** Mile: PWD: 033  
 Name: **Todd Pacific Shipyards Corp., Berth B, Pier No. 1.**  
 Port: Seattle  
 Location: East side, West Waterway, north of foot of S.W. Florida Street extended. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair.  
 Depth Alongside (feet): 25 - 33 | 33 | Latitude (decimal): 47.58361  
 Total Berthing Space (feet): 545 | | Longitude (decimal): -122.3583  
 Remarks: Shipbuilding Ways Nos. 2 and 1 are located parallel to, and in rear of face of wharf, respectively. One 45-ton, electric, traveling, revolving, full-portal gantry crane with 108-foot boom located on Pier 1A, serves so Shipbuilding Way No. 1. See Remarks under Ref. No. 28.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91210 Seattle District

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Waterway: **West Waterway** Mile: PWD: 031  
 Name: **Todd Pacific Shipyards Corp., Berth E, Pier No. 3.**  
 Port: Seattle  
 Location: East side, West Waterway, approximately 1,150 feet south of entrance. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair.  
 Depth Alongside (feet): 20 - 35 | | Latitude (decimal): 47.58472  
 Total Berthing Space (feet): 460 | | Longitude (decimal): -122.3578  
 Remarks: See Remarks under Ref. No. 28.  
 Port Series: 36 Year of Last Survey: 2002 Corps of Engrns Waterway Code: 91210 Seattle District

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## Port Facilities by Waterway

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Waterway: **West Waterway** Mile: PWD: 032  
 Name: **Todd Pacific Shipyards Corp., Berths C and D, Pier No. 2.**  
 Port: Seattle  
 Location: East side, West Waterway, approximately 1,300 feet south of entrance. Datum: MLLW  
 Operator: Todd Pacific Shipyards Corp., Seattle Division.  
 Owner: Todd Pacific Shipyards Corp., Seattle Division.  
 Address: 1801 16th Avenue S.W. Phone: 206-623-1635 X  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface tracks serving plant in rear; connect with joint tracks of Burlington Northern Santa Fe Railway and Union Pacific Railroad on 16th Avenue S.W.  
 Purpose: Mooring vessels for outfitting and repair.  
 Depth Alongside (feet): 35 | 26 - 35 | 26 - 35 Latitude (decimal): 47.58444  
 Total Berthing Space (feet): | 500 | 500 Longitude (decimal): -122.3583  
 Remarks: See Remarks under Ref. No. 28.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91210    Seattle District

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Waterway: **West Waterway** Mile: PWD: 076  
 Name: **West Waterway Co. Wharf.**  
 Port: Seattle  
 Location: West side, Duwamish Waterway, approximately 650 feet north of S.W. Spokane Street Bridge. Datum: MLLW  
 Operator: West Waterway Co.  
 Owner: Chester W. Whitman.  
 Address: 3546 West Marginal Way S.W. Phone: 206-932-2595  
 Town: Seattle State: WA County: King  
 Railway Connection: Surface trackage serving warehouses join additional trackage serving yard in rear; connect with Burlington Northern Santa Fe Railway.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 35 |        |        Latitude (decimal): 47.57333  
 Total Berthing Space (feet): 160 |        |        Longitude (decimal): -122.3572  
 Remarks: Approximately 2 acres of open storage area are located at rear.

Port Series: 36    Year of Last Survey: 2002    Corps of Engrns Waterway Code: 91209    Seattle District

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## Port Facilities by Waterway

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Waterway: **Westhaven Cove** Mile: PWD: 080  
 Name: **Merino Seafoods Piers.**  
 Port: Grays Harbor  
 Location: Westport, Westhaven Cove, approximately 400 feet southeast of foot of Patterson Avenue. Datum: MLLW  
 Operator: Merino Seafoods, Inc.  
 Owner: Port of Grays Harbor.  
 Address: 1804 North Nyhus Street. Phone: 360/268-2510  
 Town: Westport State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Receipt of seafood.  
 Depth Alongside (feet): 0 - 16 | 2 - 16 | Latitude (decimal): 46.90611  
 Total Berthing Space (feet): 200 | 220 | Longitude (decimal): -124.1078  
 Remarks: Seafood processing plant is located in rear.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91016    Seattle District

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Waterway: **Westhaven Cove** Mile: PWD: 079  
 Name: **U.S. Coast Guard, Station Grays Harbor Piers.**  
 Port: Grays Harbor  
 Location: Westport, southeast corner of Westhaven Cove. Datum: MLLW  
 Operator: U.S. Coast Guard.  
 Owner: U.S. Government.  
 Address: 1600 North Nyhus Street. Phone: 360/268-0121  
 Town: Westport State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Mooring government-owned vessels.  
 Depth Alongside (feet): 16 | 16 | 16 Latitude (decimal): 46.90444  
 Total Berthing Space (feet): 192 | 280 | 120 Longitude (decimal): -124.1044  
 Remarks: Floats A and B are connected via one 30- by 10-foot concrete float moored to steel piles. Two parallel, 150- by 5-foot, timber pile, timber-decked piers located north of boathouse form an 18- by 56-foot slip for mobil Boat repair shops are located in rear. U.S. Coast Guard, Station Grays Harbor is also located at rear.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrns Waterway Code: 91016    Seattle District

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## Port Facilities by Waterway

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Waterway: **Westhaven Cove** Mile: PWD: 082  
 Name: **Walsh Distributing Co., Westport Fueling Docks.**  
 Port: Grays Harbor  
 Location: Westport, Westhaven Cove, approximately 150 feet southeast of foot of Dock Avenue. Datum: MLLW  
 Operator: Walsh Distributing Co.  
 Owner: Port of Grays Harbor.  
 Address: 2240 Westhaven Drive. Phone: 360/268-0076  
 Town: Westport State: WA County: Grays Harbor  
 Railway Connection: None.  
 Purpose: Fueling fishing boats, recreational craft, and various other types of small vessels.  
 Depth Alongside (feet): 15 | 15 | Latitude (decimal): 46.90917  
 Total Berthing Space (feet): 300 | 300 | Longitude (decimal): -124.1111  
 Remarks: Seven metered pumps on north float; one 3-inch pipeline extends to pumps from 6 steel storage tanks located on south side of Westhaven Drive, total capacity 2,100 barrels. Four metered pumps on south float; three 3-in extend to pumps from 5 underground storage tanks, approximate total capacity 1,200 barrels.

Port Series: 35    Year of Last Survey: 2003    Corps of Engrs Waterway Code: 91016    Seattle District

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 116  
 Name: **B. C. Investment Corp., Bellingham Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, northerly side, approximately 1,200 feet from inner end of Whatcom Creek Datum: MLLW  
 Operator: B. C. Investment Corp..  
 Owner: B. C. Investment Corp.  
 Address: 1001 C Street. Phone: 360/715-1000  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Receipt of miscellaneous bulk materials, including gypsum and limestone; shipment of concrete floats and other precast concrete products by barge.  
 Depth Alongside (feet): 10 - 12 | | Latitude (decimal): 48.75139  
 Total Berthing Space (feet): 600 | | Longitude (decimal): -122.4872  
 Remarks: Open storage area with capacity for approximately 4,000 tons of bulk materials is located at rear.

Port Series: 37    Year of Last Survey: 1997    Corps of Engrs Waterway Code: 91290    Seattle District

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## Port Facilities by Waterway

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 113  
 Name: **City of Bellingham, Whatcom Creek Waterway Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, northerly side, inner end of Whatcom Creek Waterway, Bellingham. Datum: MLLW  
 Operator: City of Bellingham..  
 Owner: City of Bellingham.  
 Address: Phone:  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Occasionally mooring vessels.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 48.75222  
 Total Berthing Space (feet): 190 | | Longitude (decimal): -122.4856  
 Remarks: Wharf was in poor condition at time of survey (1997). Wharf is in line with Ref. No. 114.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91290 Seattle District

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 112  
 Name: **Georgia-Pacific West, Bellingham Operations Wharf.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, Whatcom Creek Waterway, foot of Laurel Street, Bellingham. Datum: MLLW  
 Operator: Georgia-Pacific West Inc., a wholly owned subsidiary of Georgia-Pacific Corp.  
 Owner: Georgia-Pacific West Inc., a wholly owned subsidiary of Georgia-Pacific Corp.  
 Address: 300 West Laurel Street. Phone: 360/676-2329  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: Trackage serving plant in rear connects with Burlington Northern Sante Fe Railroad.  
 Purpose: Receipt of wood chips and hogged fuel; shipment of wood pulp, alcohol and lignosite.  
 Depth Alongside (feet): 20 - 30 | | Latitude (decimal): 48.74889  
 Total Berthing Space (feet): 1400 | | Longitude (decimal): -122.4886  
 Remarks: Wood chip open storage area is described under Ref. No. 110. In addition, four storage bins for wood chips have total capacity of 200 tons. Two storage bins for hogged fuel have total capacity of 100 tons. One from wharf to one 400,000-gallon alcohol storage tank. One 14-inch pipeline extends to wharf from 8 lignosite storage tanks, total capacity 8,000,000 gallons. Warehouse No. 1 located at rear of inner end of wharstorage of maintenance supplies and equipment.  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91290 Seattle District

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## Port Facilities by Waterway

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 111  
 Name: **Georgia-Pacific West, Bellingham Operations, Log Lifts.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, Whatcom Creek Waterway, between foot of Ivy and Myrtle Streets extended Datum: MLLW  
 Operator: Not operated..  
 Owner: Georgia-Pacific West Inc., a wholly owned subsidiary of Georgia-Pacific Corp.  
 Address: 300 West Laurel Street. Phone: 360/676-2329  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: Trackage serving plant in rear connects with Burlington Northern Santa Fe Railroad.  
 Purpose: Not used.  
 Depth Alongside (feet): 10 | | Latitude (decimal): 48.74667  
 Total Berthing Space (feet): 250 | | Longitude (decimal): -122.49  
 Remarks: A 30-foot-wide, concrete ramp for use by log stackers extends into former log pond adjacent to the bundle hoist. Wood chip open storage area described under Ref. No. 110 is located at rear.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91290 Seattle District

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 115  
 Name: **Marine Sales and Equipment Co., Bellingham Dock.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, northerly side, approximately 800 feet from inner end of Whatcom Creek W Datum: MLLW  
 Operator: Marine Sales and Equipment Co.  
 Owner: Marine Sales and Equipment Co.  
 Address: 1000 C Street. Phone: 360/733-2340  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring small vessels for repair.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 48.75167  
 Total Berthing Space (feet): 70 | | Longitude (decimal): -122.4867  
 Remarks: Plant located at rear specializes in repair of propellers.

Port Series: 37 Year of Last Survey: 1997 Corps of Engrs Waterway Code: 91290 Seattle District

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## Port Facilities by Waterway

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 117  
 Name: **Port of Bellingham, Whatcom Creek Waterway Wharf.**  
 Port: Northwest Washington  
 Location: Easterly shore, Bellingham Bay, northerly side, outer end of Whatcom Creek Waterway, Bellingham. Datum: MLLW  
 Operator: Port of Bellingham.  
 Owner: Port of Bellingham.  
 Address: 1020 C Street. Phone: 360/676-2500  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: None.  
 Purpose: Mooring vessels.  
 Depth Alongside (feet): 15 | | Latitude (decimal): 48.75083  
 Total Berthing Space (feet): 100 | | Longitude (decimal): -122.4883  
 Remarks: -  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91290 Seattle District

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Waterway: **Whatcom Creek Waterway** Mile: PWD: 110  
 Name: **Port of Bellingham, Whatcom International Shipping Terminal Wharf.**  
 Port: Northwest Washington  
 Location: Northeast shore, Bellingham Bay, Whatcom Creek Waterway, foot of Beal Memorial Way, Bellingham. Datum: MLLW  
 Operator: Port of Bellingham and Bellingham Stevedoring Co.  
 Owner: Port of Bellingham.  
 Address: 1801 Roeder Avenue. Phone: 360/676-2500  
 Town: Bellingham State: WA County: Whatcom  
 Railway Connection: Two platform-level tracks alongside transit shed No. 2 Annex in rear were not in use at time of survey.  
 Purpose: Receipt and shipment of conventional general cargo; receipt of salt and wood chips; shipment of aluminum ingots, wood pulp, logs, and lumber; mooring tugs.  
 Depth Alongside (feet): 31 | 26 | Latitude (decimal): 48.74528  
 Total Berthing Space (feet): 1370 | 115 | Longitude (decimal): -122.4942  
 Remarks: Asphalt-paved, open, salt storage area at rear of transit shed No. 1 has capacity for approximately 40,000 tons of salt. Approximately seven acres of additional asphalt-surfaced, open storage area are located at International Shipping Terminal. Approximately 4 acres of wood chip storage area are available at Georgia-Pacific West Inc. plant. Harbor tugs and other small vessels moor at concrete finger floats at rear of fac  
 Port Series: 37 Year of Last Survey: 1997 Corps of Engrns Waterway Code: 91290 Seattle District

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## Port Facilities by Waterway

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Waterway: **Wishkah River** Mile: PWD: 072  
Name: **A & B Machine & Hydraulics Wharf.**  
Port: Grays Harbor  
Location: Aberdeen, right bank of Wishkah River, approximately 1,000 feet above Wishkah Street (U.S. Hwy 12) Bridg Datum: MLLW  
Operator: A & B Machine & Hydraulics, Inc.  
Owner: A & B Machine & Hydraulics, Inc.  
Address: 809 East Market Street. Phone: 360/532-2580  
Town: Aberdeen State: WA County: Grays Harbor  
Railway Connection: None.  
Purpose: Mooring various types of small vessels for repair.  
Depth Alongside (feet): 20 | | Latitude (decimal): 46.97944  
Total Berthing Space (feet): 200 | | Longitude (decimal): -123.8078  
Remarks: A machine shop is located in building at rear of wharf.  
Port Series: 35 Year of Last Survey: 2003 Corps of Engrns Waterway Code: 91021 Seattle District

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# LPMS Summary by Division/District

January - December 1998 and 1999

<b>Hiram M. Chittenden Lake Washington Ship Canal</b>	<b>Aux 1 River Mile: 1.3</b>	<b>Northwestern Division Seattle District</b>
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Jan - Dec	Vessels				Barges			Bottoms	Tonnage
<b>1998</b>	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>Total</u>	<u>Loaded</u>	<u>Empty</u>	<u>Total</u>	<u>ktons</u>
Upbound	17,939	15,658	2,004	277	10	2	8	17,949	2
Downbound	<u>18,779</u>	<u>16,572</u>	<u>2,004</u>	<u>290</u>	<u>10</u>	<u>7</u>	<u>3</u>	<u>18,789</u>	<u>1</u>
Total	36,718	32,230	4,008	567	20	9	11	36,738	3
<b>1999</b>									
Upbound	18,166	15,949	1,894	323	15	3	12	18,181	1
Downbound	<u>18,606</u>	<u>16,378</u>	<u>1,894</u>	<u>324</u>	<u>15</u>	<u>9</u>	<u>6</u>	<u>18,621</u>	<u>1</u>
Total	36,772	32,327	3,788	647	30	12	18	36,802	2
Percent Change	0%	0%	-5%	14%	50%	33%	64%	0%	-33%

Jan - Dec	Lockages				Tows		Average Delay		Total Delay
<b>1998</b>	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>All</u>	<u>Delayed</u>	<u>(hrs)</u>	<u>(hrs)</u>	<u>(hrs)</u>
Upbound	6,180	4,206	1,698	276	4	4	0.07	0.07	0.28
Downbound	<u>6,316</u>	<u>4,432</u>	<u>1,600</u>	<u>284</u>	<u>5</u>	<u>5</u>	<u>0.18</u>	<u>0.18</u>	<u>0.88</u>
Total	12,496	8,638	3,298	560	9	9	0.13	0.13	1.16
<b>1999</b>									
Upbound	5,974	4,094	1,562	318	6	6	0.10	0.10	0.58
Downbound	<u>6,068</u>	<u>4,185</u>	<u>1,565</u>	<u>318</u>	<u>7</u>	<u>7</u>	<u>0.09</u>	<u>0.09</u>	<u>0.62</u>
Total	12,042	8,279	3,127	636	13	13	0.09	0.09	1.20
Percent Change	-4%	-4%	-5%	14%	44%	44%	-31%	-31%	3%

<b>Hiram M. Chittenden Lake Washington Ship Canal</b>	<b>Main River Mile: 1.3</b>	<b>Northwestern Division Seattle District</b>
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Jan - Dec	Vessels				Barges			Bottoms	Tonnage
<b>1998</b>	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>Total</u>	<u>Loaded</u>	<u>Empty</u>	<u>Total</u>	<u>ktons</u>
Upbound	12,891	10,078	2,669	144	1,079	899	180	13,970	1,674
Downbound	<u>12,839</u>	<u>9,900</u>	<u>2,669</u>	<u>153</u>	<u>1,046</u>	<u>345</u>	<u>701</u>	<u>13,885</u>	<u>256</u>
Total	25,730	19,978	5,338	297	2,125	1,244	881	27,855	1,930
<b>1999</b>									
Upbound	12,084	8,963	2,964	157	1,063	880	183	13,147	1,627
Downbound	<u>11,834</u>	<u>8,783</u>	<u>2,964</u>	<u>155</u>	<u>1,108</u>	<u>368</u>	<u>740</u>	<u>12,942</u>	<u>189</u>
Total	23,918	17,746	5,928	312	2,171	1,248	923	26,089	1,816
Percent Change	-7%	-11%	11%	5%	2%	0%	5%	-6%	-6%

Jan - Dec	Lockages				Tows		Average Delay		Total Delay
<b>1998</b>	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>All</u>	<u>Delayed</u>	<u>(hrs)</u>	<u>(hrs)</u>	<u>(hrs)</u>
Upbound	2,243	268	1,838	137	610	610	0.09	0.09	54.07
Downbound	<u>2,279</u>	<u>255</u>	<u>1,883</u>	<u>141</u>	<u>609</u>	<u>609</u>	<u>0.09</u>	<u>0.09</u>	<u>56.95</u>
Total	4,522	523	3,721	278	1,219	1,219	0.09	0.09	111.02
<b>1999</b>									
Upbound	2,500	286	2,064	150	635	635	0.09	0.09	54.95
Downbound	<u>2,508</u>	<u>318</u>	<u>2,037</u>	<u>153</u>	<u>655</u>	<u>654</u>	<u>0.08</u>	<u>0.08</u>	<u>54.07</u>
Total	5,008	604	4,101	303	1,290	1,289	0.08	0.08	109.02
Percent Change	11%	15%	10%	9%	6%	6%	-11%	-11%	-2%