

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

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	7,218	1996	7,705	1999	6,767	2002	5,080
1994	7,927	1997	7,569	2000	7,887		
1995	8,582	1998	7,115	2001	6,732		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise Shipments	Internal				
			Inbound Downbnd	Outbound Upbound	Downbnd	Through Upbound Downbnd	
Total, all commodities	5,080	12	1	5	787	1,801	2,474
Total petroleum and petroleum products	1,704	---	---	---	---	1,700	4
Subtotal petroleum products	1,704	---	---	---	---	1,700	4
2211 gasoline	1,102	---	---	---	---	1,102	---
2330 distillate fuel oil	4	---	---	---	---	4	---
2340 residual fuel oil	598	---	---	---	---	594	4
Total chemicals and related products	96	12	---	5	25	54	---
Subtotal fertilizers	81	9	---	---	25	47	---
3110 nitrogenous fert.	81	9	---	---	25	47	---
Subtotal other chemicals and related products	15	3	---	5	---	7	---
3273 ammonia	12	---	---	5	---	7	---
3276 metallic salts	3	3	---	---	---	---	---
Total crude materials, inedible except fuels	134	---	---	---	---	40	94
Subtotal forest products, wood and chips	95	---	---	---	---	40	55
4161 wood chips	55	---	---	---	---	---	55
4170 wood in the rough	40	---	---	---	---	40	---
Subtotal pulp and waste paper	7	---	---	---	---	---	7
4225 pulp & waste paper	7	---	---	---	---	---	7
Subtotal iron ore and scrap	32	---	---	---	---	---	32
4420 iron & steel scrap	32	---	---	---	---	---	32
Total primary manufactured goods	5	---	---	---	3	0	2
Subtotal paper products	5	---	---	---	3	0	2
5190 paper products nec	5	---	---	---	3	0	2
Total food and farm products	3,005	---	---	---	753	---	2,252
Subtotal grain	2,983	---	---	---	731	---	2,252
6241 wheat	2,837	---	---	---	728	---	2,109
6443 barley & rye	146	---	---	---	3	---	143
Subtotal vegetable products	1	---	---	---	1	---	---
6654 vegetables & prod.	1	---	---	---	1	---	---
Subtotal processed grain and animal feed	15	---	---	---	15	---	---
6781 hay & fodder	15	---	---	---	15	---	---
Subtotal other agricultural products	6	---	---	---	6	---	0
6822 dairy products	6	---	---	---	6	---	0
Total all manufactured equipment, machinery and products	136	---	1	---	6	6	122
7900 manufac. prod. nec	136	---	1	---	6	6	122
Ton-miles (x1000)	172,150	385	3	9	22,121	63,033	86,598
Tons All Traffic (x1000)	5,080						
Ton-miles All Traffic (x1000)	172,155						
Total Trip-ton-miles Internal and Intraport (x1000)	1,427,763						

SNAKE RIVER, OR, WA AND ID

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	5,339	1996	5,707	1999	5,836	2002	4,284
1994	5,929	1997	6,103	2000	6,707		
1995	6,804	1998	5,840	2001	5,639		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound	Through		Intra
		Upbound	Downbnd	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	4,284	1,800	2	1,855	6	620	1
Total petroleum and petroleum products	1,704	1,700	---	4	---	---	---
Subtotal petroleum products	1,704	1,700	---	4	---	---	---
2211 gasoline	1,102	1,102	---	---	---	---	---
2330 distillate fuel oil	4	4	---	---	---	---	---
2340 residual fuel oil	598	594	---	4	---	---	---
Total chemicals and related products	60	59	---	---	---	---	1
Subtotal fertilizers	48	47	---	---	---	---	1
3110 nitrogenous fert.	48	47	---	---	---	---	1
Subtotal other chemicals and related products	12	12	---	---	---	---	---
3273 ammonia	12	12	---	---	---	---	---
Total crude materials, inedible except fuels	136	40	2	87	---	7	---
Subtotal forest products, wood and chips	95	40	---	55	---	---	---
4161 wood chips	55	---	---	55	---	---	---
4170 wood in the rough	40	40	---	---	---	---	---
Subtotal pulp and waste paper	8	---	2	---	---	7	---
4225 pulp & waste paper	8	---	2	---	---	7	---
Subtotal iron ore and scrap	32	---	---	32	---	---	---
4420 iron & steel scrap	32	---	---	32	---	---	---
Total primary manufactured goods	2	---	---	---	0	2	---
Subtotal paper products	2	---	---	---	0	2	---
5190 paper products nec	2	---	---	---	0	2	---
Total food and farm products	2,252	---	---	1,764	---	488	---
Subtotal grain	2,252	---	---	1,764	---	488	---
6241 wheat	2,109	---	---	1,638	---	471	---
6443 barley & rye	143	---	---	126	---	17	---
Subtotal other agricultural products	0	---	---	---	---	0	---
6822 dairy products	0	---	---	---	---	0	---
Total all manufactured equipment, machinery and products	129	0	---	---	6	123	---
7900 manufac. prod. nec	129	0	---	---	6	123	---
Ton-miles (x1000)	251,262	22,946	21	136,752	881	90,529	134

Tons All Traffic (x1000) 4,284
 Ton-miles All Traffic (x1000) 251,264
 Total Trip-ton-miles Internal and Intraport (x1000) 1,253,234

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	2002	45,027
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
Total, all commodities	29,521	1,431	12,423	3,301	11,364	218	18	765	1
Total coal	7	7	—	—	—	—	—	—	—
1100 coal lignite	7	7	—	—	—	—	—	—	—
Total petroleum and petroleum products	1,795	47	870	524	72	25	18	240	—
Subtotal crude petroleum	264	—	—	264	—	—	—	—	—
2100 crude petroleum	264	—	—	264	—	—	—	—	—
Subtotal petroleum products	1,531	47	870	260	72	25	18	240	—
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	—	—
Total chemicals and related products	5,230	270	439	305	4,020	144	—	54	—
Subtotal fertilizers	1,634	66	49	151	1,357	—	—	12	—
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	—	—	—	—
Subtotal other chemicals and related products	3,596	204	390	153	2,663	144	—	42	—
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	0	—	—	—	—
3298 wood & resin chem.	12	—	—	—	—	—	—	12	—
3299 chem. products nec	3	—	—	1	2	—	—	0	—
Total crude materials, inedible except fuels	3,668	490	1,942	272	448	48	—	467	0
Subtotal forest products, wood and chips	1,983	17	1,590	189	99	48	—	40	—
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	—	—	—	—
Subtotal pulp and waste paper	221	40	64	0	116	—	—	—	—
4225 pulp & waste paper	221	40	64	0	116	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	868	433	—	6	1	—	—	428	0
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	—	—	—	—
Subtotal iron ore and scrap	272	—	—	76	195	—	—	—	—
4410 iron ore	76	—	—	76	—	—	—	—	—
4420 iron & steel scrap	195	—	—	—	195	—	—	—	—
Subtotal non-ferrous ores and scrap	15	—	—	1	15	—	—	—	—
4650 aluminum ore	0	—	—	0	0	—	—	—	—
4680 non-ferrous scrap	15	—	—	—	15	—	—	—	—
4690 non-ferrous ores nec	0	—	—	0	0	—	—	—	—
Subtotal sulphur, clay and salt	289	—	280	0	9	—	—	—	—
4741 sulphur, (dry)	0	—	—	0	—	—	—	—	—
4782 clay & refrac. mat.	289	—	280	0	9	—	—	—	—
Subtotal slag	0	—	—	—	0	—	—	—	—
4860 slag	0	—	—	—	0	—	—	—	—
Subtotal other non-metal. min.	19	—	7	0	12	—	—	—	—
4900 non-metal. min. nec	19	—	7	0	12	—	—	—	—
Total primary manufactured goods	2,551	483	339	1,361	366	1	—	3	0
Subtotal paper products	560	2	332	12	214	—	—	—	—
5110 newsprint	332	2	330	—	0	—	—	—	—
5120 paper & paperboard	201	0	2	9	191	—	—	—	—
5190 paper products nec	26	—	—	3	24	—	—	—	—
Subtotal lime, cement and glass	552	0	—	501	51	—	—	1	—
5220 cement & concrete	481	—	—	481	0	—	—	—	—
5240 glass & glass prod.	20	0	—	3	16	—	—	1	—
5290 misc. mineral prod.	52	—	—	18	34	—	—	0	—
Subtotal primary iron and steel products	1,151	430	—	719	2	1	—	0	—
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	—
Subtotal primary non-ferrous metal products	196	17	6	98	72	0	—	2	0
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
Subtotal primary wood products	92	34	0	31	27	—	—	—	—
5540 primary wood prod.	92	34	0	31	27	—	—	—	—
Total food and farm products	15,261	29	8,830	52	6,349	—	—	0	1
Subtotal fish	13	0	—	2	12	—	—	—	—
6134 fish (not shellfish)	12	0	—	0	12	—	—	—	—
6136 shellfish	2	—	—	2	0	—	—	—	—
Subtotal grain	12,083	—	6,823	0	5,260	—	—	—	—
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	—	—	—	—	—	—
Subtotal oilseeds	1,824	29	1,728	0	67	—	—	—	—
6522 soybeans	1,432	—	1,426	0	7	—	—	—	—
6590 oilseeds nec	392	29	303	0	60	—	—	—	—
Subtotal vegetable products	235	—	4	7	223	—	—	0	0
6653 vegetable oils	2	—	—	2	0	—	—	—	0
6654 vegetables & prod.	233	—	4	5	223	—	—	0	0
Subtotal processed grain and animal feed	944	—	269	9	666	—	—	—	—
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	—	—	—	—
Subtotal other agricultural products	161	0	5	33	122	—	—	0	1
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	—	—	—	—
Total all manufactured equipment, machinery and products	954	104	5	759	84	0	—	1	0
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
Total unknown or not elsewhere classified	54	0	1	29	25	—	0	0	0
9900 unknown or nec	54	0	1	29	25	—	0	0	0
Ton-miles Foreign & Canadian (x1000)	2,641,670	115,501	981,352	328,297	1,120,852	19,412	1,111	75,009	136

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	4,976	723	334	3,638	281
Total petroleum and petroleum products	3,729	117	3	3,407	201
Subtotal crude petroleum	6	—	—	6	—
2100 crude petroleum	6	—	—	6	—
Subtotal petroleum products	3,723	117	3	3,401	201
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	—
Total chemicals and related products	205	33	15	141	16
Subtotal fertilizers	120	—	9	111	—
3110 nitrogenous fert.	120	—	9	111	—
Subtotal other chemicals and related products	85	33	6	30	16
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	—
Total crude materials, inedible except fuels	988	571	284	90	43
Subtotal forest products, wood and chips	967	571	284	90	22
4161 wood chips	571	571	—	—	—
4170 wood in the rough	92	—	0	90	2
4189 lumber	304	—	283	—	20
Subtotal soil, sand, gravel, rock and stone	21	—	—	—	21
4331 sand & gravel	21	—	—	—	21
Subtotal other non-metal. min.	0	—	—	—	0
4900 non-metal. min. nec	0	—	—	—	0
Total primary manufactured goods	52	—	32	—	20
Subtotal paper products	24	—	24	—	0
5190 paper products nec	24	—	24	—	0
Subtotal lime, cement and glass	1	—	1	—	—
5220 cement & concrete	1	—	1	—	—
Subtotal primary iron and steel products	14	—	1	—	13
5360 i&s bars & shapes	14	—	1	—	13
Subtotal primary non-ferrous metal products	1	—	—	—	1
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
Subtotal primary wood products	12	---	6	---	6
5540 primary wood prod.	12	---	6	---	6
Total food and farm products	0	---	---	0	0
Subtotal processed grain and animal feed	0	---	---	0	---
6782 animal feed, prep.	0	---	---	0	---
Subtotal other agricultural products	0	---	---	---	0
6858 fruit juices	0	---	---	---	0
Total all manufactured equipment, machinery and products	2	2	0	---	1
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
Total unknown or not elsewhere classified	0	---	---	0	---
9900 unknown or nec	0	---	---	0	---
Ton-miles (x1000)	451,861	43,764	26,728	354,142	27,226
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	10,530	769	1,096	497	1,915	2,475	1,513	753	1,512
Total petroleum and petroleum products	2,379	434	96	124	51	1,626	5	40	1
Subtotal petroleum products	2,379	434	96	124	51	1,626	5	40	1
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	---
Total chemicals and related products	135	---	---	52	6	10	---	34	34
Subtotal fertilizers	117	---	---	48	6	3	---	30	30
3110 nitrogenous fert.	115	---	---	48	6	3	---	30	28
3190 fert. & mixes nec	2	---	---	---	---	---	---	---	2
Subtotal other chemicals and related products	19	---	---	5	---	7	---	3	4
3273 ammonia	12	---	---	5	---	7	---	---	---
3274 sodium hydroxide	7	---	---	---	---	---	---	3	4
Total crude materials, inedible except fuels	4,113	329	99	319	1,193	833	32	480	828
Subtotal forest products, wood and chips	825	46	92	75	22	---	---	174	415
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	---
Subtotal pulp and waste paper	7	---	7	---	---	---	---	---	---
4225 pulp & waste paper	7	---	7	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	3,248	283	---	244	1,170	833	---	306	413
4331 sand & gravel	3,248	283	---	244	1,170	833	---	306	413
Subtotal iron ore and scrap	33	---	---	---	0	---	32	---	---
4420 iron & steel scrap	33	---	---	---	0	---	32	---	---
Total primary manufactured goods	8	---	---	2	3	0	2	0	---
Subtotal paper products	7	---	---	2	3	0	2	---	---
5190 paper products nec	7	---	---	2	3	0	2	---	---
Subtotal primary iron and steel products	0	---	---	---	0	---	---	0	---
5360 i&s bars & shapes	0	---	---	---	0	---	---	0	---
Subtotal primary wood products	0	---	---	0	---	---	---	---	---
5540 primary wood prod.	0	---	---	0	---	---	---	---	---
Total food and farm products	3,477	---	872	---	579	---	1,380	4	642
Subtotal grain	3,348	---	872	---	456	---	1,380	4	636
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
Subtotal vegetable products	11	---	---	---	11	---	---	---	---
6654 vegetables & prod.	11	---	---	---	11	---	---	---	---
Subtotal processed grain and animal feed	34	---	---	---	34	---	---	---	---
6781 hay & fodder	34	---	---	---	34	---	---	---	---
Subtotal other agricultural products	85	---	---	---	79	---	0	---	6
6822 dairy products	6	---	---	---	6	---	0	---	---
6887 groceries	76	---	---	---	70	---	---	---	6
6889 food products nec	2	---	---	---	2	---	---	---	---
Total all manufactured equipment, machinery and products	224	6	30	---	82	6	93	0	6
7110 machinery (not elec)	0	0	---	---	---	---	---	0	---
7900 manufac. prod. nec	223	6	30	---	82	6	93	---	6
Total waste and scrap nec	195	---	---	---	---	---	---	195	---
8900 waste and scrap nec	195	---	---	---	---	---	---	195	---
Ton-miles Internal (x1000)	1,502,013	65,191	229,431	44,596	223,599	365,955	334,441	51,970	186,830
Tons All Traffic (x1000)			45,027						
Ton-miles All Traffic (x1000)			4,595,544						
Total Trip-ton-miles Internal and Intraport (x1000)			1,843,789						

*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	2002	45,982
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
Total, all commodities	29,521	4,731	23,788	983	19
Total coal	7	7	—	—	—
1100 coal lignite	7	7	—	—	—
Total petroleum and petroleum products	1,795	571	942	265	18
Subtotal crude petroleum	264	264	—	—	—
2100 crude petroleum	264	264	—	—	—
Subtotal petroleum products	1,531	307	942	265	18
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
Total chemicals and related products	5,230	574	4,459	198	—
Subtotal fertilizers	1,634	217	1,405	12	—
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	—	—
Subtotal other chemicals and related products	3,596	357	3,053	186	—
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	—
Total crude materials, inedible except fuels	3,668	762	2,389	516	0
Subtotal forest products, wood and chips	1,983	206	1,690	88	—
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	—	—
Subtotal pulp and waste paper	221	40	181	—	—
4225 pulp & waste paper	221	40	181	—	—
Subtotal soil, sand, gravel, rock and stone	868	439	1	428	0
4310 building stone	6	6	0	—	0
4322 limestone	428	—	0	428	—
4323 gypsum	433	433	—	—	—
4331 sand & gravel	1	0	1	—	—
Subtotal iron ore and scrap	272	76	195	—	—
4410 iron ore	76	76	—	—	—
4420 iron & steel scrap	195	—	195	—	—
Subtotal non-ferrous ores and scrap	15	1	15	—	—
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
Subtotal sulphur, clay and salt	289	0	289	---	---
4741 sulphur, (dry)	0	0	---	---	---
4782 clay & refrac. mat.	289	0	289	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	19	0	19	---	---
4900 non-metal. min. nec	19	0	19	---	---
Total primary manufactured goods	2,551	1,844	704	3	0
Subtotal paper products	560	14	546	---	---
5110 newsprint	332	2	330	---	---
5120 paper & paperboard	201	9	192	---	---
5190 paper products nec	26	3	24	---	---
Subtotal lime, cement and glass	552	501	51	1	---
5220 cement & concrete	481	481	0	---	---
5240 glass & glass prod.	20	3	16	1	---
5290 misc. mineral prod.	52	18	34	0	---
Subtotal primary iron and steel products	1,151	1,149	2	1	---
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	---
Subtotal primary non-ferrous metal products	196	115	79	2	0
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
Subtotal primary wood products	92	65	27	---	---
5540 primary wood prod.	92	65	27	---	---
Total food and farm products	15,261	81	15,179	0	1
Subtotal fish	13	2	12	---	---
6134 fish (not shellfish)	12	0	12	---	---
6136 shellfish	2	2	0	---	---
Subtotal grain	12,083	0	12,083	---	---
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	---	---
Subtotal oilseeds	1,824	30	1,795	---	---
6522 soybeans	1,432	0	1,432	---	---
6590 oilseeds nec	392	30	363	---	---
Subtotal vegetable products	235	7	228	0	0
6653 vegetable oils	2	2	0	---	0
6654 vegetables & prod.	233	5	227	0	0
Subtotal processed grain and animal feed	944	9	935	---	---
6746 wheat flour	4	---	4	---	---
6747 grain mill products	22	0	22	---	---
6781 hay & fodder	534	2	531	---	---
6782 animal feed, prep.	383	6	377	---	---
Subtotal other agricultural products	161	33	126	0	1
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	---	---
Total all manufactured equipment, machinery and products	954	863	89	1	0
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
Total unknown or not elsewhere classified	54	29	26	0	0
9900 unknown or nec	54	29	26	0	0
Ton-miles (x1000) Foreign & Canadian	1,253,991	138,478	1,086,620	27,781	1,111

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	16,460	4,361	615	8,242	3,242
Total petroleum and petroleum products	6,314	3,524	205	2,482	102
Subtotal crude petroleum	6	6	—	—	—
2100 crude petroleum	6	6	—	—	—
Subtotal petroleum products	6,308	3,518	205	2,482	102
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	—	—	—
Total chemicals and related products	358	174	30	119	35
Subtotal fertilizers	238	111	9	87	31
3110 nitrogenous fert.	236	111	9	87	29
3190 fert. & mixes nec	2	—	—	—	2
Subtotal other chemicals and related products	120	63	22	32	4
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	—	—	—
Total crude materials, inedible except fuels	5,827	661	327	3,284	1,555
Subtotal forest products, wood and chips	1,796	661	306	321	508
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	—
Subtotal pulp and waste paper	10	—	—	2	8
4225 pulp & waste paper	10	—	—	2	8
Subtotal soil, sand, gravel, rock and stone	3,988	—	21	2,928	1,039
4331 sand & gravel	3,988	—	21	2,928	1,039
Subtotal iron ore and scrap	33	—	—	33	—
4420 iron & steel scrap	33	—	—	33	—
Subtotal other non-metal. min.	0	—	0	—	—
4900 non-metal. min. nec	0	—	0	—	—
Total primary manufactured goods	60	—	52	8	—
Subtotal paper products	31	—	24	7	—
5190 paper products nec	31	—	24	7	—
Subtotal lime, cement and glass	1	—	1	—	—
5220 cement & concrete	1	—	1	—	—
Subtotal primary iron and steel products	14	—	14	0	—
5360 i&s bars & shapes	14	—	14	0	—
Subtotal primary non-ferrous metal products	1	—	1	—	—
5480 fab. metal products	1	—	1	—	—
Subtotal primary wood products	13	—	12	0	—
5540 primary wood prod.	13	—	12	0	—
Total food and farm products	3,479	0	0	1,965	1,514
Subtotal grain	3,350	—	—	1,842	1,508
6241 wheat	3,196	—	—	1,739	1,457
6443 barley & rye	154	—	—	103	51
Subtotal vegetable products	11	—	—	11	—
6654 vegetables & prod.	11	—	—	11	—
Subtotal processed grain and animal feed	34	0	—	34	—
6781 hay & fodder	34	—	—	34	—
6782 animal feed, prep.	0	0	—	—	—
Subtotal other agricultural products	85	—	0	79	6
6822 dairy products	6	—	—	6	—
6858 fruit juices	0	—	0	—	—
6887 groceries	76	—	—	70	6
6889 food products nec	2	—	—	2	—
Total all manufactured equipment, machinery and products	227	2	1	189	36
7110 machinery (not elec)	2	2	0	0	—

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

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Intra	
				Upbound	Downbnd
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7900 manufac. prod. nec	225	—	0	188	36
Total waste and scrap nec	195	—	—	195	—
8900 waste and scrap nec	195	—	—	195	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—
Ton-miles (x1000) Domestic	539,312	72,757	25,513	286,478	154,563
Tons All Traffic (x1000)				45,982	
Ton-miles All Traffic (x1000)				1,793,302	
Total Trip-ton-miles Internal and Intraport (x1000)				1,849,050	

*Includes 26,305 tons of foreign inbound in-transits; Includes 357,839 tons of foreign outbound in-transits.

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.

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 AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA

	Upbound						Downbound					
Grand Total	2,475	26	---	765	1,236	448	2,298	26	---	686	1,236	350
DOMESTIC												
Total	2,475	26	---	765	1,236	448	2,298	26	---	686	1,236	350
17	49	---	---	---	---	49	13	---	---	---	7	6
16	3	---	---	---	3	---	110	---	---	---	110	---
15	42	---	---	---	---	42	9	---	---	---	8	1
14	328	---	---	---	214	114	286	---	---	---	278	8
13	311	---	---	---	198	113	207	---	---	---	199	8
12	1,742	26	---	765	821	130	1,673	26	---	686	634	327
										Total trips:		4,773

SNAKE RIVER, OR, WA AND ID

	Upbound						Downbound					
Grand Total	2,339	26	---	979	849	485	2,532	26	---	855	1,307	344
DOMESTIC												
Total	2,339	26	---	979	849	485	2,532	26	---	855	1,307	344
17	55	---	---	---	---	55	10	---	---	---	4	6
16	16	---	---	---	16	---	70	---	---	---	70	---
15	44	---	---	---	---	44	6	---	---	---	5	1
14	143	---	---	---	20	123	263	---	---	---	255	8
13	205	---	---	---	72	133	325	---	---	---	317	8
12	156	---	---	85	4	67	111	---	---	14	89	8
11	52	---	---	33	9	10	92	---	---	60	30	2
10	543	15	---	468	34	26	463	15	---	411	35	2
9	165	---	---	152	7	6	184	---	---	162	22	---
8	97	---	---	86	11	---	38	---	---	35	3	---
7	116	11	---	102	---	3	142	11	---	131	---	---
6	27	---	---	26	---	1	16	---	---	15	1	---
5	29	---	---	27	---	2	27	---	---	27	---	---
4	2	---	---	---	---	2	2	---	---	---	2	---
3	248	---	---	---	246	2	228	---	---	---	221	7
2	441	---	---	---	430	11	555	---	---	---	253	302
										Total trips:		4,871

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY

	Upbound						Downbound					
Grand Total	35,664	21,640	164	8,119	4,444	1,297	35,551	21,660	150	8,108	4,527	1,106
FOREIGN												
Total	1,738	1,501	67	96	48	26	1,730	1,521	74	85	45	5
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	---	---	---

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

FOREIGN

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	—

DOMESTIC

Total	33,926	20,139	97	8,023	4,396	1,271	33,821	20,139	76	8,023	4,482	1,101
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
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

Total trips: 71,215

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 SYSTEM												
	Upbound						Downbound					
Grand Total	29,488	8,070	175	13,093	6,317	1,833	29,130	8,033	148	12,836	6,302	1,811
FOREIGN												
Total	1,741	1,504	67	96	48	26	1,732	1,523	74	85	45	5
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												
Total	27,747	6,566	108	12,997	6,269	1,807	27,398	6,510	74	12,751	6,257	1,806
40	1	—	1	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
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

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 SYSTEM - continued												
	Upbound						Downbound					
DOMESTIC												
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
										Total trips:	58,618	

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Port Facilities by Waterway

Waterway: **Clearwater River** Mile: 0.5 PWD: 253
Name: **Mountain Fir Chip Co., Lewiston Division Dock.**
Port: Snake River
Location: Mile 0.5, right bank, Clearwater River, North Lewiston, below Camas Prairie Railroad Datum: NPE
Bridge.
Operator: Mountain Fir Chip Co., Inc.
Owner: Longview Fibre Co.
Address: 125 Down River Road Phone: 208/746-0277
Town: North Lewiston State: ID County: Nez Perce
Railway Connection: None.
Purpose: Shipment of wood chips and hogged fuel.
Depth Alongside (feet): 19 | | Latitude (decimal): 46.426389
Total Berthing Space (feet): 200 | | Longitude (decimal): -117.0278
Remarks: Storage bins have total capacity for 4,500 b.d.u. of wood chips. Log processing plant and open storage area for 8,500,000 board feet of logs is located in rear.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92000 Walla Walla District

Waterway: **Clearwater River** Mile: 1.1 PWD: 254
Name: **Port of Lewiston Container Terminal Dock.**
Port: Snake River
Location: Mile 1.1, right bank, Clearwater River, North Lewiston, approximately 2,500 feet Datum: NPE
above Camas Prairie Rai
Operator: Gator Intermodal.
Owner: Port of Lewiston.
Address: 1224 Sixth Avenue Phone: 208/743-3203
Town: North Lewiston State: ID County: Nez Perce
Railway Connection: One surface track serving terminal in rear connects with Camas Prairie Railroad.
Purpose: Receipt and shipment of containerized and conventional general cargo, lumber, and paper products.
Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 46.424167
Total Berthing Space (feet): 300 | | Longitude (decimal): -117.0136
Remarks: Open storage areas in rear have total capacity for approximately 1,800 containers stacked 2- and 3-high. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92000 Walla Walla District

Port Facilities by Waterway

Waterway: **Clearwater River** Mile: 1.3 PWD: 255
Name: **Continental Grain Co., Lewiston Elevator Dock.**
Port: Columbia River
Location: Mile 1.3, right bank, Clearwater River, Lewiston, approximately 3,700 feet below Datum: NPE
Clearwater River Memori
Operator: Continental Grain Co.
Owner: Continental Grain Co.
Address: 1422 Third Avenue North Phone: 208/746-0102
Town: North Lewiston State: ID County: Nez Perce
Railway Connection: One surface track, capacity 6 cars, serves undertrack pit and loading spout, connects with
Camas Prairie Railroad.
Purpose: Shipment of grain.
Depth Alongside (feet): 14 - 15 | | Latitude (decimal): 46.423333
Total Berthing Space (feet): 350 | | Longitude (decimal): -117.0117
Remarks: Grain elevator at rear, consisting of 10 concrete silos and 13 interstices, has capacity for 500,000
bushels. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92000 Walla Walla District

Waterway: **Clearwater River** Mile: 1.4 PWD: 256
Name: **Lewis-Clark Terminal, Lewiston Dock.**
Port: Snake River
Location: Mile 1.4, right bank, Snake River, Lewiston, approximately 3,100 feet below Datum: NPE
Clearwater River Memorial (U
Operator: Lewis-Clark Terminal, Inc.
Owner: Lewis-Clark Terminal, Inc.
Address: 1543 Third Avenue North Phone: 509/746-9685
Town: North Lewiston State: ID County: Nez Perce
Railway Connection: Two surface tracks, total capacity 12 cars each serve an undertrack pit, connect with
Camas Prairie Railroad.
Purpose: Shipment of grain.
Depth Alongside (feet): 15 | | Latitude (decimal): 46.4225
Total Berthing Space (feet): 350 | | Longitude (decimal): -117.0097
Remarks: Grain elevator at rear, consisting of 28 concrete silos with 26 interstices and a steel flat storage
building, has capacity for 5,256,200 bushels. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92000 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 311.6 PWD: 217
Name: **Walla Walla Grain Growers, Port Kelley Dock.**
Port: Columbia River
Location: Mile 311.6, left bank Columbia River, approximately 3 miles below mouth of Walla Walla River. Datum: NPE
Operator: Walla Walla Grain Growers, Inc.
Owner: Walla Walla Grain Growers, Inc.
Address: Port Kelley Phone: 509/529-1461
Town: Port Kelley State: WA County: Walla Walla
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 10 - 12 | | Latitude (decimal): 46.025
Total Berthing Space (feet): 200 | | Longitude (decimal): -118.9406
Remarks: Grain elevator at rear consisting of 3 concrete silos with 5 interstices, 2 concrete tanks, and one concrete and one steel flat storage building, has capacity for 3,305,000 bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92312 Walla Walla District

Waterway: **Columbia River** Mile: 314.5 PWD: 218
Name: **Walla Walla Grain Growers, Port Wallula Pier.**
Port: Columbia River
Location: Mile 314.5, left bank Columbia River, at mouth of Walla Walla River. Datum: NPE
Operator: Walla Walla Grain Growers, Inc.
Owner: Walla Walla Grain Growers, Inc.
Address: Port Wallula Phone: 509/529-1461
Town: Wallula State: WA County: Walla Walla
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 20 | | Latitude (decimal): 46.060556
Total Berthing Space (feet): 200 | | Longitude (decimal): -118.9164
Remarks: Grain elevator at rear, consisting of 2 concrete and 2 steel tanks, and one steel flat storage building, has capacity for 1,244,000 bushels. Outside storage area is available for an additional 3,000,000 bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92315 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 316.5 PWD: 219
Name: **Boise Cascade Wallula Plant, Barge Slip Dock.**
Port: Columbia River
Location: Mile 314.5, left bank Columbia River, Wallula, approximately 2 miles above mouth of Walla Walla River. Datum: NPE
Operator: Boise Cascade Corp.
Owner: Boise Cascade Corp.
Address: U.S. Highway 12. Phone: 509/545-3257
Town: Wallula State: WA County: Walla Walla
Railway Connection: Trackage serving plant in rear connects with Union Pacific and Burlington Northern Railroads.
Purpose: Shipment of wood pulp; Receipt of 50% caustic soda.
Depth Alongside (feet): 12 | | Latitude (decimal): 46.101389
Total Berthing Space (feet): 150 | | Longitude (decimal): -118.92
Remarks: Slip is 250 feet wide by 600 feet long. One 6-inch pipeline extends from slip to 2 steel storage tanks at plant in rear, total capacity 75,700 gallons. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92317 Walla Walla District

Waterway: **Columbia River** Mile: 321.6 PWD: 220
Name: **Unocal Corp. Kennewick Plant, Finley Area Barge Dock.**
Port: Columbia River
Location: Mile 321.6, right bank Columbia River, Kennewick, approximately 1.8 miles below Union Pacific Railroad b Datum: NPE
Operator: Unocal Corp.
Owner: Unocal Corp.
Address: Foot of Game Farm Road Phone: 509/586-5433
Town: Kennewick State: WA County: Benton
Railway Connection: One surface track serves plant in rear, connects with Union Pacific and Burlington Northern Railroads.
Purpose: Shipment of liquid fertilizer (urea ammonium nitrate).
Depth Alongside (feet): 12 | | Latitude (decimal): 46.155556
Total Berthing Space (feet): 120 | | Longitude (decimal): -119.0047
Remarks: One 8-inch pipeline extends to wharf from 3 urea ammonium nitrate tanks, total capacity 14,336,300 gallons. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92322 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 322.6 PWD: 221
 Name: **Unocal Corp. Kennewick Plant, Kennewick Area Barge Dock.**
 Port: Columbia River
 Location: Mile 322.6, right bank Columbia River, Kennewick, approximately 0.8 miles below Union Pacific Railroad b Datum: NPE
 Operator: Unocal Corp.
 Owner: Unocal Corp.
 Address: Foot of Bowles Road. Phone: 509/586-5433
 Town: Kennewick State: WA County: Benton
 Railway Connection: Trackage serving plant in rear connects with Union Pacific and Burlington Northern Railroads.
 Purpose: Mooring miscellaneous vessels and barges.
 Depth Alongside (feet): 15 | | Latitude (decimal): 46.167222
 Total Berthing Space (feet): 218 | | Longitude (decimal): -119.0147
 Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92322 Walla Walla District

Waterway: **Columbia River** Mile: 323.3 PWD: 222
 Name: **Unocal Chemicals, Hedges Area Dock.**
 Port: Columbia River
 Location: Mile 323.3, right bank Columbia River, Kennewick, below Union Pacific Railroad bridge Datum: NPE
 Operator: Unocal Corp.
 Owner: Unocal Corp.
 Address: Foot of Perkins Road. Phone: 509/586-5433
 Town: Kennewick State: WA County: Benton
 Railway Connection: Four surface tracks, total capacity 35 cars, serve plant in rear; connect with Union Pacific and Burlington Northern Railroads.
 Purpose: Receipt of anhydrous ammonia and urea; occasional shipment of aqua ammonia; mooring barges for fleeting. (See Remarks.)
 Depth Alongside (feet): 30 | 30 | Latitude (decimal): 46.175556
 Total Berthing Space (feet): 480 | | Longitude (decimal): -119.0186
 Remarks: Concrete and timber urea storage warehouse in rear has capacity for 10,000 tons. One 12-inch pipeline extends from Main Dock to 2 anhydrous ammonia storage tanks, total capacity 7,874,850 gallons, and one 6-inch extends to wharf from one 400,000-gallon aqua ammonia storage tank. Fleeting area located at permanently-anchored barge near lower side has capacity for 8 barges.

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92323 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 326.8 PWD: 227
Name: **Port of Pasco, Barge Slip No. 1, Container Terminal Wharf.**
Port: Columbia River
Location: Mile 328.2, left bank Columbia River, Pasco, lower side of slip, approximately 2 miles above mouth of Sn Datum: NPE
Operator: Tidewater Terminal Co.
Owner: Port of Pasco.
Address: Dock Street and Road 21 East. Phone: 509/545-3617
Town: Pasco State: WA County: Franklin
Railway Connection: One surface track along rear of face connects with Burlington Northern Railroad.
Purpose: Receipt and shipment of containerized general and refrigerated cargo and heavy-lift items.
Depth Alongside (feet): 20 | 20 | Latitude (decimal): 46.213889
Total Berthing Space (feet): 220 | 620 | Longitude (decimal): -119.0706
Remarks: Improved open storage area at rear for 500 containers, including 12 positions for refrigerated containers. Approximately 2,000,000 square feet of warehouse storage space is available at industrial park in rear.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92328 Walla Walla District

Waterway: **Columbia River** Mile: 328.0 PWD: 223
Name: **Harvest States Cooperatives, Kennewick Dock.**
Port: Columbia River
Location: Mile 328.0, right bank Columbia River, Kennewick, between Burlington Northern Railroad and Intercity bri Datum: NPE
Operator: Harvest States Cooperatives.
Owner: Harvest States Cooperatives.
Address: 900 East Columbia Drive. Phone: 509/586-1128
Town: Kennewick State: WA County: Benton
Railway Connection: One surface track, capacity 14 cars, serves 2 undertrack pits and 2 loading spouts, connects with Union Pacific and Burlington Northern Railroads.
Purpose: Shipment of grain.
Depth Alongside (feet): 14 | | Latitude (decimal): 46.213611
Total Berthing Space (feet): 500 | | Longitude (decimal): -119.1
Remarks: Grain elevator at rear, consisting of 21 concrete silos with 74 interstices and 3 flat storage buildings, has capacity for 5,200,000 bushels. Outside storage area is available for an additional 250,000 bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92328 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 328.2 PWD: 226
Name: **Port of Pasco, Marine Terminal Wharf.**
Port: Columbia River
Location: Mile 328.2, left bank Columbia River, Pasco, between Intercity and Burlington Northern Railroad bridges. Datum: NPE
Operator: Continental Grain Co.
Owner: Port of Pasco.
Address: 720 River Avenue. Phone: 509/547-3324
Town: Pasco State: WA County: Franklin
Railway Connection: One platform level track serving building at rear; and one 25 car capacity surface track serving undertrack pit and loading spout at grain elevator, connect with Burlington Northern Railroad.
Purpose: Shipment of grain.
Depth Alongside (feet): 16 - 20 | | Latitude (decimal): 46.219444
Total Berthing Space (feet): 970 | | Longitude (decimal): -119.0978
Remarks: Continental Grain Co.: Grain elevator in rear consisting of a laminated timber crib structure with 60 bins has capacity for 450,000 bushels. Concrete block building at rear with approximately 3,200 square feet served as a transit shed.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92328 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 343.1 PWD: 224

Name: **Port of Benton, Barge Slip.**

Port: Columbia River

Location: Mile 343.1, right bank Columbia River, North Richland, approximately 1,000 feet below foot of Horn Rapid Datum: NPE

Operator: Port of Benton.

Owner: Port of Benton.

Address: 3100 George Washington Way. Phone: 509/375-3060

Town: North Richland State: WA County: Benton

Railway Connection: None.

Purpose: Receipt and shipment of heavy-lift items including nuclear reactors from decommissioned nuclear submarines for processing at adjacent Hanford Army Depot.

Depth Alongside (feet): 10 | Latitude (decimal): 46.348611

Total Berthing Space (feet): 100 | Longitude (decimal): -119.2642

Waterway: **Columbia River** Mile: 343.1 PWD: 224

Name: **Port of Benton, Barge Slip.**

Port: Columbia River

Location: Mile 343.1, right bank Columbia River, North Richland, approximately 1,000 feet below foot of Horn Rapid Datum: NPE

Operator: Port of Benton.

Owner: Port of Benton.

Address: 3100 George Washington Way. Phone: 509/375-3060

Town: North Richland State: WA County: Benton

Railway Connection: None.

Purpose: Receipt and shipment of heavy-lift items including nuclear reactors from decommissioned nuclear submarines for processing at adjacent Hanford Army Depot.

Depth Alongside (feet): 10 | Latitude (decimal): 46.348611

Total Berthing Space (feet): 100 | Longitude (decimal): -119.2642

Remarks: Industrial park located in rear; open storage area is developed as required.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92343 Walla Walla District

Remarks: Industrial park located in rear; open storage area is developed as required.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92343 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 343.1 PWD: 224

Name: **Port of Benton, Barge Slip.**

Port: Columbia River

Location: Mile 343.1, right bank Columbia River, North Richland, approximately 1,000 feet below foot of Horn Rapid Datum: NPE

Operator: Port of Benton.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Receipt and shipment of heavy-lift items including nuclear reactors from decommissioned nuclear submarines for processing at adjacent Hanford Army Depot.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.348611

Total Berthing Space (feet): 100 | |

Longitude (decimal): -119.2642

Waterway: **Columbia River** Mile: 343.1 PWD: 224

Name: **Port of Benton, Barge Slip.**

Port: Columbia River

Location: Mile 343.1, right bank Columbia River, North Richland, approximately 1,000 feet below foot of Horn Rapid Datum: NPE

Operator: Port of Benton.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Receipt and shipment of heavy-lift items including nuclear reactors from decommissioned nuclear submarines for processing at adjacent Hanford Army Depot.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.348611

Total Berthing Space (feet): 100 | |

Longitude (decimal): -119.2642

Remarks: Industrial park located in rear; open storage area is developed as required.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92343 Walla Walla District

Remarks: Industrial park located in rear; open storage area is developed as required.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92343 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 343.3 PWD: 225

Name: **Port of Benton, High Dock.**

Port: Columbia River

Location: Mile 343.3, right bank Columbia River, North Richland, at foot of Horn Rapids Road. Datum: NPE

Operator: Not operated.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.334444

Total Berthing Space (feet): 107 | |

Longitude (decimal): -119.265

Waterway: **Columbia River**

Mile: 343.3 PWD: 225

Name: **Port of Benton, High Dock.**

Port: Columbia River

Location: Mile 343.3, right bank Columbia River, North Richland, at foot of Horn Rapids Road. Datum: NPE

Operator: Not operated.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.334444

Total Berthing Space (feet): 107 | |

Longitude (decimal): -119.265

Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92343 Walla Walla District

Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92343 Walla Walla District

Port Facilities by Waterway

Waterway: **Columbia River** Mile: 343.3 PWD: 225

Name: **Port of Benton, High Dock.**

Port: Columbia River

Location: Mile 343.3, right bank Columbia River, North Richland, at foot of Horn Rapids Road. Datum: NPE

Operator: Not operated.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.334444

Total Berthing Space (feet): 107 | |

Longitude (decimal): -119.265

Waterway: **Columbia River** Mile: 343.3 PWD: 225

Name: **Port of Benton, High Dock.**

Port: Columbia River

Location: Mile 343.3, right bank Columbia River, North Richland, at foot of Horn Rapids Road. Datum: NPE

Operator: Not operated.

Owner: Port of Benton.

Address: 3100 George Washington Way.

Phone: 509/375-3060

Town: North Richland State: WA

County: Benton

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 | |

Latitude (decimal): 46.334444

Total Berthing Space (feet): 107 | |

Longitude (decimal): -119.265

Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92343 Walla Walla District

Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92343 Walla Walla District

Waterway: **Snake River** Mile: 1.7 PWD: 228

Name: **Port of Walla Walla Dock.**

Port: Snake River

Location: Mile 1.7, left bank Snake River, Burbank, approximately 1,000 feet above Burlington Northern Railroad Br Datum: NPE

Operator: Port of Walla Walla.

Owner: Port of Walla Walla.

Address: West River Grain Terminal Road.

Phone: 509/525-3100

Town: Burbank State: WA

County: Walla Walla

Railway Connection: None.

Purpose: Mooring river excursion vessels, boarding passengers.

Depth Alongside (feet): 6 - 10 | |

Latitude (decimal): 46.208333

Total Berthing Space (feet): 560 | |

Longitude (decimal): -119.0247

Remarks: -□□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92641 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 1.8 PWD: 229
 Name: **Co-Grain, Burbank Elevator Barge Slip.**
 Port: Snake River
 Location: Mile 1.8, left bank Snake River, Burbank, approximately 2,000 feet below U.S. Highway 12 Bridge. Datum: NPE
 Operator: Co-Grain Inc.
 Owner: Port of Walla Walla.
 Address: 560 West River Grain Terminal Road. Phone: 509/545-1455
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 16 - 20 | | Latitude (decimal): 46.209444
 Total Berthing Space (feet): 2 | | Longitude (decimal): -119.0217
 Waterway: **Snake River** Mile: 1.8 PWD: 229
 Name: **Co-Grain, Burbank Elevator Barge Slip.**
 Port: Snake River
 Location: Mile 1.8, left bank Snake River, Burbank, approximately 2,000 feet below U.S. Highway 12 Bridge. Datum: NPE
 Operator: Co-Grain Inc.
 Owner: Port of Walla Walla.
 Address: 560 West River Grain Terminal Road. Phone: 509/545-1455
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 16 - 20 | | Latitude (decimal): 46.209444
 Total Berthing Space (feet): 2 | | Longitude (decimal): -119.0217
 Remarks: Grain elevator at rear consisting of 3 concrete, and 1 steel tanks, and one steel flat storage building has capacity for 665,000 bushels. Outside storage area is available for an additional 600,000 bushels.
 Port Series: 34 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 92641 Walla Walla District

Remarks: Grain elevator at rear consisting of 3 concrete, and 1 steel tanks, and one steel flat storage building has capacity for 665,000 bushels. Outside storage area is available for an additional 600,000 bushels.
 Port Series: 34 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 92641 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 1.8 PWD: 229
Name: **Co-Grain, Burbank Elevator Barge Slip.**
Port: Snake River
Location: Mile 1.8, left bank Snake River, Burbank, approximately 2,000 feet below U.S. Highway 12 Bridge. Datum: NPE
Operator: Co-Grain Inc.
Owner: Port of Walla Walla.
Address: 560 West River Grain Terminal Road. Phone: 509/545-1455
Town: Burbank State: WA County: Walla Walla
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 16 - 20 | Latitude (decimal): 46.209444
Total Berthing Space (feet): 2 | Longitude (decimal): -119.0217
Waterway: **Snake River** Mile: 1.8 PWD: 229
Name: **Co-Grain, Burbank Elevator Barge Slip.**
Port: Snake River
Location: Mile 1.8, left bank Snake River, Burbank, approximately 2,000 feet below U.S. Highway 12 Bridge. Datum: NPE
Operator: Co-Grain Inc.
Owner: Port of Walla Walla.
Address: 560 West River Grain Terminal Road. Phone: 509/545-1455
Town: Burbank State: WA County: Walla Walla
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 16 - 20 | Latitude (decimal): 46.209444
Total Berthing Space (feet): 2 | Longitude (decimal): -119.0217
Remarks: Grain elevator at rear consisting of 3 concrete, and 1 steel tanks, and one steel flat storage building has capacity for 665,000 bushels. Outside storage area is available for an additional 600,000 bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 92641 Walla Walla District

Remarks: Grain elevator at rear consisting of 3 concrete, and 1 steel tanks, and one steel flat storage building has capacity for 665,000 bushels. Outside storage area is available for an additional 600,000 bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 92641 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 103.6 PWD: 242
 Name: **Almota Elevator Co. Dock.**
 Port: Snake River
 Location: Mile 103.6, right bank, Snake River, Almota, approximately 3.8 miles below Lower Granite Lock and Dam. Datum: NPE
 Operator: Almota Elevator Co.
 Owner: Almota Elevator Co.
 Address: Almota Dock Road. Phone: 509/397-2010
 Town: Almota State: WA County: Whitman
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.701944
 Total Berthing Space (feet): 450 | | Longitude (decimal): -117.4733
 Remarks: Grain elevator at rear consisting of 2 concrete silos, 4 steel tanks, one timber crib house and one steel flat storage building has total capacity for 1,700,000 bushels.
 Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92743 Walla Walla District

Waterway: **Snake River** Mile: 103.7 PWD: 243
 Name: **S & R Grain Co., Port of Almota Dock.**
 Port: Snake River
 Location: Mile 103.7, right bank, Snake River, Almota, approximately 3.8 miles below Lower Granite Lock and Dam. Datum: NPE
 Operator: S & R Grain Co.
 Owner: Port of Whitman.
 Address: Phone: 509/397-4653
 Town: Almota State: WA County: Whitman
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 12 - 13 | | Latitude (decimal): 46.701667
 Total Berthing Space (feet): 204 | | Longitude (decimal): -117.4706
 Remarks: Grain elevator in rear, consisting of one concrete silo and one steel tank has total capacity for 357,000 bushels. Outside storage area is available for an additional 350,000 bushels.
 Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92743 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 135.3 PWD: 244
 Name: **Tidewater Terminal Co., Wilma Dock.**
 Port: Snake River
 Location: Mile 135.3, right bank Snake River, Wilma, approximately 2 miles below Red Wolf Datum: NPE
 (State Highway 193) Bri
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: 2950 Wilma Drive Phone: 509/758-9119
 Town: Wilma State: WA County: Whitman
 Railway Connection: One 12-car capacity surface track, serves terminal in rear; connects with Camas Prairie
 Railroad.
 Purpose: Receipt of petroleum products and liquid fertilizer; Receipt and shipment of containerized general
 cargo; Mooring for fleetng and repair (See Remarks).
 Depth Alongside (feet): 16 | | Latitude (decimal): 46.421667
 Total Berthing Space (feet): 375 | | Longitude (decimal): -117.1094
 Remarks: Approximately 11.7 acres of open storage area in rear has capacity for 1,200 containers (t.e.u.'s)
 stacked up to 3-high or other commodities as required. A total of six 8-inch pipelines extend from
 wharf to stor Product No. P/L Tanks Capacity (Barrels) Petroleum
 3 11 102,350 products Fertilizer 1 1 10,000 Salt (out of
 service) 2 2 5,000 Sundial Marine Tug & Barge Works, Inc. a subsidiary of Tidewater
 Barge Lines, rbuids barges up to 220 feet long and performs limited marine repairs on adjacent
 downstream property. One 35-ton diesel full portal gantry crane with 80-foot boom serves barge
 building ways. Bargefeet below wharf. A permanently moored 200- by 32-foot barge located 1,000
 feet below wharf is used for mooring up to 6 barges for fl

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92774 Walla Walla District

Waterway: **Snake River** Mile: 135.5 PWD: 245
 Name: **Granger Co., Wilma Dock**
 Port: Snake River
 Location: Mile 136.0, right bank, Snake River, Wilma, approximately 1.8 miles below Red Wolf Datum: NPE
 (State Highway 193) B
 Operator: Granger Co.
 Owner: Tidewater Terminal Co.
 Address: 2851 Wilma Drive Phone: 509/758-9119
 Town: Wilma State: WA County: Whitman
 Railway Connection: One surface track serves open storage area in rear; connects with Camas Prairie Railroad.
 Purpose: Shipment of wood chips.
 Depth Alongside (feet): 16 | | Latitude (decimal): 46.424722
 Total Berthing Space (feet): 250 | | Longitude (decimal): -117.1067
 Remarks: Eight acre open storage area at rear has capacity for approximately 10,000 tons of wood chips. An
 additional 35 acres of open area in rear is used for storage of logs.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92776 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 135.6 PWD: 246
Name: **Port of Whitman County, Site I Wharf.**
Port: Snake River
Location: Mile 135.6, right bank Snake River, Wilma, approximately 1.6 miles below Red Wolf Datum: NPE
(State Highway 193) B
Operator: Foss Maritime Co. (See Remarks)
Owner: Port of Whitman County.
Address: 2751 Wilma Drive Phone: 509/758-7974
Town: Wilma State: WA County: Whitman
Railway Connection: One surface track serves open storage area in rear; connects with Camas Prairie Railroad.
Purpose: Shipment of logs.
Depth Alongside (feet): 30 | | Latitude (decimal): 46.421111
Total Berthing Space (feet): 300 | | Longitude (decimal): -117.1019
Remarks: Logs are handled for Columbia Vista Corp. from their 10 acre open storage area on the opposite side
of Wilma Drive in rear. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92775 Walla Walla District

Waterway: **Snake River** Mile: 135.7 PWD: 247
Name: **Foss Maritime Co. Wood Chip Dock.**
Port: Snake River
Location: Mile 135.7, right bank Snake River, Wilma, approximately 1.5 miles below Red Wolf Datum: NPE
(State Highway 193) Br
Operator: Foss Maritime Co.
Owner: Foss Maritime Co.
Address: 2651 Wilma Drive Phone: 509/758-7974
Town: Wilma State: WA County: Whitman
Railway Connection: None.
Purpose: Shipment of wood chips.
Depth Alongside (feet): 30 | | Latitude (decimal): 46.420833
Total Berthing Space (feet): 375 | | Longitude (decimal): -117.1011
Remarks: Two hydraulic truck dumpers serve asphalt-surfaced open storage area at rear of wharf, which has
capacity for approximately 9,000 b.d.u. of wood chips. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92775 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 136.0 PWD: 248
Name: **Mountain Fir Chip Co., Wilma Division, Dock.**
Port: Snake River
Location: Mile 136.0, right bank Snake River, Wilma, approximately 1.3 miles below Red Wolf Datum: NPE
(State Highway 193) Br
Operator: Mountain Fir Chip Co., Inc.
Owner: Longview Fibre Co.
Address: 2351 Wilma Drive Phone: 208/746-0277
Town: Wilma State: WA County: Whitman
Railway Connection: None.
Purpose: Shipment of wood chips.
Depth Alongside (feet): 18 | | Latitude (decimal): 46.420278
Total Berthing Space (feet): 400 | | Longitude (decimal): -117.0944
Remarks: Storage bins have total capacity for 2,500 b.d.u. of wood chips. Log chipping plant and open storage area for approximately 12,000,000 board feet of logs are located in rear.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92776 Walla Walla District

Waterway: **Snake River** Mile: 136.5 PWD: 249
Name: **Stegner Grain Terminal Dock.**
Port: Snake River
Location: Mile 136.5, right bank Snake River, Wilma, approximately 0.8 mile below Red Wolf Datum: NPE
(State Highway 193) Bri
Operator: Stegner Grain & Seed Co.
Owner: Port of Whitman County.
Address: 2051 Wilma Drive Phone: 509/758-1000
Town: Wilma State: WA County: Whitman
Railway Connection: One surface track serves separate grain elevator in rear; connects with Camas Prairie Railroad.
Purpose: Shipment of grain.
Depth Alongside (feet): 30 | | Latitude (decimal): 46.42
Total Berthing Space (feet): 295 | | Longitude (decimal): -117.0864
Remarks: Grain elevator at rear consisting of one concrete silo and 11 steel tanks has total capacity for 4,100,000 bushels. A second elevator in rear consisting of 2 steel tanks has capacity for 300,000 bushels is serve and a third elevator consisting of 6 steel tanks has capacity for 140,000 bushels and is served only by truck.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92777 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 137.0 PWD: 250
Name: **Port of Whitman County, Site A Dock.**
Port: Snake River
Location: Mile 137.0, right bank Snake River, Wilma, approximately 1,000 feet below Red Wolf Datum: NPE
(State Highway 193) B
Operator: Various operators.
Owner: Port of Whitman County.
Address: 1852 Wilma Drive Phone: 509/758-1052
Town: Wilma State: WA County: Whitman
Railway Connection: None.
Purpose: Receipt and shipment of logs and miscellaneous general cargo; mooring barges.
Depth Alongside (feet): 19 | | Latitude (decimal): 46.422222
Total Berthing Space (feet): 260 | | Longitude (decimal): -117.0803
Remarks: Approximately 3.5 acres of open storage area are located at rear.□□
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92777 Walla Walla District

Waterway: **Snake River** Mile: 137.8 PWD: 251
Name: **Port of Clarkston Dock.**
Port: Snake River
Location: Mile 137.8, left bank, Snake River, Clarkston, approximately 2,000 feet above Red Datum: NPE
Wolf (State Highway 19)
Operator: Port of Clarkston.
Owner: Port of Clarkston.
Address: 100 Fourteenth Street Phone: 509/758-5272
Town: Clarkston State: WA County: Asotin
Railway Connection: None.
Purpose: Receipt and shipment of containerized and conventional general cargo, logs and heavy-lift items.
Depth Alongside (feet): 16 | | Latitude (decimal): 46.427222
Total Berthing Space (feet): 360 | | Longitude (decimal): -117.0633
Remarks: Approximately 3 acres of open storage area are located in rear.□□
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92779 Walla Walla District

Waterway: **Snake River** Mile: 138.4 PWD: 252
Name: **Lewis-Clark Terminal, Clarkston Grain Terminal Dock.**
Port: Snake River
Location: Mile 138.4, left bank, Snake River, Clarkston, approximately one mile below mouth of Datum: NPE
Clearwater River.
Operator: Lewis-Clark Terminal, Inc.
Owner: Lewis-Clark Terminal, Inc.
Address: Phone: 509/746-9685
Town: Clarkston State: WA County: Asotin
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 12 - 13 | | Latitude (decimal): 46.4275
Total Berthing Space (feet): 300 | | Longitude (decimal): -117.0522
Remarks: Grain elevator at rear consisting of 13 steel tanks has total capacity for 580,000 bushels.□
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92000 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 2.0 PWD: 230
 Name: **Cargill, Burbank Grain Elevator Dock.**
 Port: Snake River
 Location: Mile 2.0,, Left bank Snake River, Burbank, approximately 1,000 feet below U.S. Datum: NPE
 Highway 12 Bridge.
 Operator: Cargill, Inc.
 Owner: Port of Walla Walla.
 Address: West River Grain Terminal Road Phone: 509/547-2461
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: One surface track, total capacity 26 cars, serves loading spout; connects with Burlington Northern Railroad.

Purpose: Shipment of grain.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.210278
 Total Berthing Space (feet): 400 | | Longitude (decimal): -119.0183
 Waterway: **Snake River** Mile: 2.0 PWD: 230

Name: **Cargill, Burbank Grain Elevator Dock.**
 Port: Snake River
 Location: Mile 2.0,, Left bank Snake River, Burbank, approximately 1,000 feet below U.S. Datum: NPE
 Highway 12 Bridge.
 Operator: Cargill, Inc.
 Owner: Port of Walla Walla.
 Address: West River Grain Terminal Road Phone: 509/547-2461
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: One surface track, total capacity 26 cars, serves loading spout; connects with Burlington Northern Railroad.

Purpose: Shipment of grain.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.210278
 Total Berthing Space (feet): 400 | | Longitude (decimal): -119.0183

Remarks: Grain elevator at rear consisting of 11 steel tanks and two steel flat storage buildings has total capacity for 2,600,000 bushels.□

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92641 Walla Walla District

Remarks: Grain elevator at rear consisting of 11 steel tanks and two steel flat storage buildings has total capacity for 2,600,000 bushels.□

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92641 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 2.0 PWD: 230
 Name: **Cargill, Burbank Grain Elevator Dock.**
 Port: Snake River
 Location: Mile 2.0,, Left bank Snake River, Burbank, approximately 1,000 feet below U.S. Datum: NPE
 Highway 12 Bridge.
 Operator: Cargill, Inc.
 Owner: Port of Walla Walla.
 Address: West River Grain Terminal Road Phone: 509/547-2461
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: One surface track, total capacity 26 cars, serves loading spout; connects with Burlington Northern Railroad.

Purpose: Shipment of grain.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.210278
 Total Berthing Space (feet): 400 | | Longitude (decimal): -119.0183
 Waterway: **Snake River** Mile: 2.0 PWD: 230

Name: **Cargill, Burbank Grain Elevator Dock.**
 Port: Snake River
 Location: Mile 2.0,, Left bank Snake River, Burbank, approximately 1,000 feet below U.S. Datum: NPE
 Highway 12 Bridge.
 Operator: Cargill, Inc.
 Owner: Port of Walla Walla.
 Address: West River Grain Terminal Road Phone: 509/547-2461
 Town: Burbank State: WA County: Walla Walla
 Railway Connection: One surface track, total capacity 26 cars, serves loading spout; connects with Burlington Northern Railroad.

Purpose: Shipment of grain.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.210278
 Total Berthing Space (feet): 400 | | Longitude (decimal): -119.0183

Remarks: Grain elevator at rear consisting of 11 steel tanks and two steel flat storage buildings has total capacity for 2,600,000 bushels.□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92641 Walla Walla District

Remarks: Grain elevator at rear consisting of 11 steel tanks and two steel flat storage buildings has total capacity for 2,600,000 bushels.□

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92641 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 2.2 PWD: 231
Name: **Northwest Terminalling Co., East Pasco Terminal Dock.**
Port: Snake River
Location: Mile 2.2, Right bank Snake River, Pasco, below U.S. Highway 12 Bridge. Datum: NPE
Operator: Chevron Pipe Line Co.
Owner: Northwest Terminalling Co.
Address: 2900 Sacajawea Park Road Phone: 509/547-2545
Town: Pasco State: WA County: Franklin
Railway Connection: None.
Purpose: Receipt and shipment of petroleum products.
Depth Alongside (feet): 22 | | Latitude (decimal): 46.214444
Total Berthing Space (feet): 265 | | Longitude (decimal): -119.0258
Remarks: Three 6-inch pipelines extend from wharf to 21 steel storage tanks in rear, total capacity 590,100 barrels. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92642 Walla Walla District

Waterway: **Snake River** Mile: 2.7 PWD: 232
Name: **Tidewater Terminal Co., Pasco Terminal, Mooring Docks.**
Port: Snake River
Location: Mile 2.7, Right bank Snake River, Pasco, approximately 2,500 feet above U.S. Highway 12 Bridge. Datum: NPE
Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
Address: Tank Farm Road. Phone: 509/547-7701
Town: Pasco State: WA County: Franklin
Railway Connection: Two surface tracks serve terminal in rear; connect with Burlington Northern Railroad.
Purpose: Mooring vessels and barges; handling supplies.
Depth Alongside (feet): 8 | | Latitude (decimal): 46.221667
Total Berthing Space (feet): 670 | | Longitude (decimal): -119.0167
Remarks: Two 6-inch pipelines on center section formerly used for handling asphalt were not in use at time of survey (1995). □

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92642 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 2.9 PWD: 233
 Name: **Tidewater Terminal Co., Pasco Terminal, Petroleum Dock.**
 Port: Snake River
 Location: Mile 2.9, Right bank Snake River, Pasco, approximately 0.7 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road. Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear; connect with Burlington Northern Railroad.
 Purpose: Receipt and shipment of petroleum products.
 Depth Alongside (feet): 15 | | Latitude (decimal): 46.223611
 Total Berthing Space (feet): 300 | | Longitude (decimal): -119.0128
 Waterway: **Snake River** Mile: 2.9 PWD: 233
 Name: **Tidewater Terminal Co., Pasco Terminal, Petroleum Dock.**
 Port: Snake River
 Location: Mile 2.9, Right bank Snake River, Pasco, approximately 0.7 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road. Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear; connect with Burlington Northern Railroad.
 Purpose: Receipt and shipment of petroleum products.
 Depth Alongside (feet): 15 | | Latitude (decimal): 46.223611
 Total Berthing Space (feet): 300 | | Longitude (decimal): -119.0128
 Remarks: Three 8- and one 6-inch pipelines extend from wharf to 29 steel storage tanks at rear, total capacity 379,200 barrels. □
 Port Series: 34 Year of Last Survey: 1996 Corps of Engns Waterway Code: 92642 Walla Walla District

Remarks: Three 8- and one 6-inch pipelines extend from wharf to 29 steel storage tanks at rear, total capacity 379,200 barrels. □
 Port Series: 34 Year of Last Survey: 1996 Corps of Engns Waterway Code: 92642 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 2.9 PWD: 233
 Name: **Tidewater Terminal Co., Pasco Terminal, Petroleum Dock.**
 Port: Snake River
 Location: Mile 2.9, Right bank Snake River, Pasco, approximately 0.7 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road. Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear; connect with Burlington Northern Railroad.
 Purpose: Receipt and shipment of petroleum products.

Depth Alongside (feet):	15					Latitude (decimal):	46.223611
Total Berthing Space (feet):	300					Longitude (decimal):	-119.0128

Waterway: **Snake River** Mile: 2.9 PWD: 233
 Name: **Tidewater Terminal Co., Pasco Terminal, Petroleum Dock.**
 Port: Snake River
 Location: Mile 2.9, Right bank Snake River, Pasco, approximately 0.7 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road. Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear; connect with Burlington Northern Railroad.
 Purpose: Receipt and shipment of petroleum products.

Depth Alongside (feet):	15					Latitude (decimal):	46.223611
Total Berthing Space (feet):	300					Longitude (decimal):	-119.0128

Remarks: Three 8- and one 6-inch pipelines extend from wharf to 29 steel storage tanks at rear, total capacity 379,200 barrels. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engns Waterway Code: 92642 Walla Walla District

Remarks: Three 8- and one 6-inch pipelines extend from wharf to 29 steel storage tanks at rear, total capacity 379,200 barrels. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engns Waterway Code: 92642 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 29.0 PWD: 235
 Name: **Walla Walla Grain Growers, Sheffler Dock.**
 Port: Snake River
 Location: Mile 29.0, left bank Snake River, Sheffler. Datum: NPE
 Operator: Walla Walla Grain Growers, Inc.
 Owner: Walla Walla Grain Growers, Inc.
 Address: Phone: 509/529-1461
 Town: Sheffler State: WA County: Walla Walla
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 40 | | Latitude (decimal): 46.41
 Total Berthing Space (feet): 210 | | Longitude (decimal): -118.6361
 Remarks: Grain elevator at rear consisting of 10 concrete silos with 9 interstices has capacity for 490,000 bushels. Outside storage area is available for an additional 2,300,000 bushels.

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92669 Walla Walla District

Waterway: **Snake River** Mile: 3.0 PWD: 234
 Name: **Tidewater Terminal Co., Pasco Terminal, Fertilizer Dock.**
 Port: Snake River
 Location: Mile 3.0, Right bank Snake River, Pasco, approximately 0.9 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear, connect with Burlington Northern Railroad.
 Purpose: Receipt and occasional shipment of liquid fertilizer.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.224444
 Total Berthing Space (feet): 240 | | Longitude (decimal): -119.0111

Waterway: **Snake River** Mile: 3.0 PWD: 234
 Name: **Tidewater Terminal Co., Pasco Terminal, Fertilizer Dock.**
 Port: Snake River
 Location: Mile 3.0, Right bank Snake River, Pasco, approximately 0.9 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear, connect with Burlington Northern Railroad.
 Purpose: Receipt and occasional shipment of liquid fertilizer.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.224444
 Total Berthing Space (feet): 240 | | Longitude (decimal): -119.0111
 Remarks: One 10-inch pipeline extends from wharf to 3 steel storage tanks, total capacity 2,513,250 gallons. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92642 Walla Walla District

Remarks: One 10-inch pipeline extends from wharf to 3 steel storage tanks, total capacity 2,513,250 gallons. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92642 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 3.0 PWD: 234
 Name: **Tidewater Terminal Co., Pasco Terminal, Fertilizer Dock.**
 Port: Snake River
 Location: Mile 3.0, Right bank Snake River, Pasco, approximately 0.9 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear, connect with Burlington Northern Railroad.
 Purpose: Receipt and occasional shipment of liquid fertilizer.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.224444
 Total Berthing Space (feet): 240 | | Longitude (decimal): -119.0111
 Waterway: **Snake River** Mile: 3.0 PWD: 234

Name: **Tidewater Terminal Co., Pasco Terminal, Fertilizer Dock.**
 Port: Snake River
 Location: Mile 3.0, Right bank Snake River, Pasco, approximately 0.9 mile above U.S. Highway 12 Bridge. Datum: NPE
 Operator: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Owner: Tidewater Terminal Co., subsidiary of Tidewater Barge Lines.
 Address: Tank Farm Road Phone: 509/547-7701
 Town: Pasco State: WA County: Franklin
 Railway Connection: Two surface tracks serve terminal in rear, connect with Burlington Northern Railroad.
 Purpose: Receipt and occasional shipment of liquid fertilizer.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.224444
 Total Berthing Space (feet): 240 | | Longitude (decimal): -119.0111
 Remarks: One 10-inch pipeline extends from wharf to 3 steel storage tanks, total capacity 2,513,250 gallons. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92642 Walla Walla District

Remarks: One 10-inch pipeline extends from wharf to 3 steel storage tanks, total capacity 2,513,250 gallons. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 92642 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 38.5 PWD: 236
Name: **Louis Dreyfus Corp., Windust Elevator Dock.**
Port: Snake River
Location: Mile 38.5, right bank Snake River, Windust, approximately 3 miles below Lower Monumental Lock and Dam. Datum: NPE
Operator: Louis Dreyfus Corp.
Owner: Louis Dreyfus Corp.
Address: 5252 Burr Canyon Road. Phone: 509/282-3419
Town: Windust State: WA County: Franklin
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 16 | | Latitude (decimal): 46.532222
Total Berthing Space (feet): 400 | | Longitude (decimal): -118.5831
Remarks: Grain elevator at rear consisting of timber crib house with 8 bins and 5 steel tanks has capacity for 820,000 bushels. □
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92678 Walla Walla District

Waterway: **Snake River** Mile: 61.1 PWD: 237
Name: **Columbia County Grain Growers, Lyons Ferry Dock.**
Port: Snake River
Location: Mile 61.1, Left bank Snake River, Lyons Ferry, approximately 0.6 mile below Union Pacific Railroad Bridg Datum: NPE
Operator: Columbia County Grain Growers, Inc.
Owner: Columbia County Grain Growers, Inc.
Address: State Highway 261 Phone: 509/399-2300
Town: Lyons Ferry State: WA County: Columbia
Railway Connection: None.
Purpose: Shipment of grain.
Depth Alongside (feet): 26 | | Latitude (decimal): 46.570556
Total Berthing Space (feet): 240 | | Longitude (decimal): -118.1925
Remarks: Grain elevator at rear consisting of 10 concrete silos, 13 interstices, 4 steel tanks and a steel flat storage building has total capacity for 3,003,000 bushels. Outside storage area is available for an additio bushels.
Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92691 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 83.0 PWD: 238
 Name: **Pomeroy Grain Growers Dock.**
 Port: Snake River
 Location: Mile 83.0, left bank Snake River, Central Ferry, below Central Ferry (State Highway 127) Bridge, in cove Datum: NPE
 Operator: Pomeroy Grain Growers, Inc.
 Owner: Port of Garfield.
 Address: State Highway 127. Phone: 509/843-3851
 Town: Central Ferry State: WA County: Garfield
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 24 | | Latitude (decimal): 46.615833
 Total Berthing Space (feet): 300 | | Longitude (decimal): -117.7942
 Remarks: Grain elevator at rear consisting of 14 steel tanks has capacity for 2,400,000 bushels.□
 Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92723 Walla Walla District

Waterway: **Snake River** Mile: 83.5 PWD: 239
 Name: **Columbia Grain International, Central Ferry Elevator Dock.**
 Port: Snake River
 Location: Mile 83.5, right bank, Snake River, Central Ferry, approximately 1,500 feet above Central Ferry (State H Datum: NPE
 Operator: Columbia Grain International, Inc.
 Owner: Port of Whitman County.
 Address: County Road 8190 (Hopkins Way). Phone: 509/549-3523
 Town: Central Ferry State: WA County: Whitman
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 16 | | Latitude (decimal): 46.630556
 Total Berthing Space (feet): 500 | | Longitude (decimal): -117.7944
 Remarks: Grain elevator at rear consisting of 2 concrete silos with 10 interstices and one steel tank has capacity for 2,146,000 bushels.□
 Port Series: 34 Year of Last Survey: 1996 Corps of Engrns Waterway Code: 92723 Walla Walla District

Port Facilities by Waterway

Waterway: **Snake River** Mile: 83.7 PWD: 240
 Name: **Central Ferry Terminal Association Grain Dock.**
 Port: Snake River
 Location: Mile 83.7, right bank Snake River, Central Ferry, approximately 0.5 mile above Datum: NPE
 Central Ferry (State High)
 Operator: Central Ferry Terminal Association Inc.
 Owner: Central Ferry Terminal Association Inc.
 Address: County Road 8190 (Hopkins Way). Phone: 509/549-3595
 Town: Central Ferry State: WA County: Whitman
 Railway Connection: None.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 18 | | Latitude (decimal): 46.631944
 Total Berthing Space (feet): 200 | | Longitude (decimal): -117.7919
 Remarks: Grain elevator at rear, consisting of 8 concrete silos and 2 steel tanks has capacity for 1,480,000 bushels. □

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92723 Walla Walla District

Waterway: **Snake River** Mile: 84.0 PWD: 241
 Name: **Port of Whitman; Boettcher Landing Dock.**
 Port: Snake River
 Location: Mile 84.0, Right bank Snake River, Central Ferry, approximately 0.8 mile above Datum: NPE
 Central Ferry (State High)
 Operator: The McGregor Co. and Unocal Corp.
 Owner: Port of Whitman County.
 Address: County Road 8190 (Hopkins Way). Phone: 509/549-3635
 Town: Central Ferry State: WA County: Whitman
 Railway Connection: One 5-car capacity surface track serves tankage in rear connects with Camas Prairie Railroad.
 Purpose: Receipt of anhydrous ammonia; Mooring barges (See Remarks).
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.635556
 Total Berthing Space (feet): 300 | | Longitude (decimal): -117.7872
 Remarks: One 4-inch pipeline extends from wharf to 2 steel storage tanks at The McGregor Co. terminal, total capacity 56,000 gallons, and to 2 storage tanks at Wilbur-Ellis Co. terminal, total capacity 55,000 gallons, eac One 2-inch vapor return and one 1-inch compressed air pipelines also serve wharf. □ Tidewater Barge Lines And Shaver Transportation Co. moor idle barges at shoremoorings located above wharf.

Port Series: 34 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 92724 Walla Walla District

US Army Corps of Engineers
Dredging Contracts Awarded

District Walla Walla

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
FY 1997 Awards								
CONFL-SNAKE & CLEARWATER R.	B	11/26/1996	68,701	\$1,173,937	\$1,434,100	AMERICAN CONSTRUCTION CO.	S	5
			68,701	\$1,173,937	\$1,434,100			
FY 1998 Awards								
CONFL CLEARWATER & SNAKE R	B	11/13/1997	333,202	\$2,282,949	\$1,967,000	MANSON CONSTR. & ENGRNG CO	L	2
MCNARY RESERVOIR	B	12/29/1997	0	\$190,100	\$192,238	ZYGOTECH INC	S	5
			333,202	\$2,473,049	\$2,159,238			
FY 1999 Awards								
LOWER MONUMENTAL NAV LOC	B	12/10/1998	10,992	\$488,133	\$423,150	ZYGOTECH INC	S	3
			10,992	\$488,133	\$423,150			

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 Small
 L Large
 S Small

LPMS Summary by Division/District

January - December 1998 and 1999

1 Cape Fear	Main River Mile: 39.0				South Atlantic Division Wilmington District				
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	<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	82	77	0	5	0	0	0	82	0
Downbound	134	127	0	7	0	0	0	134	0
Total	216	204	0	12	0	0	0	216	0
1999									
Upbound	66	49	0	17	0	0	0	66	0
Downbound	94	85	0	9	0	0	0	94	0
Total	160	134	0	26	0	0	0	160	0
Percent Change	-26%	-34%	N/A	117%	N/A	N/A	N/A	-26%	N/A

Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	<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	25	20	0	5	0	0	0.00	0.00	0.00
Downbound	39	32	0	7	0	0	0.00	0.00	0.00
Total	64	52	0	12	0	0	0.00	0.00	0.00
1999									
Upbound	32	15	0	17	0	0	0.00	0.00	0.00
Downbound	34	25	0	9	0	0	0.00	0.00	0.00
Total	66	40	0	26	0	0	0.00	0.00	0.00
Percent Change	3%	-23%	N/A	117%	N/A	N/A	N/A	N/A	N/A

1998 data unavailable for the following month(s): Jan

2 Cape Fear	Main River Mile: 71.0				South Atlantic Division Wilmington District				
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	<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	76	63	4	9	0	0	0	76	0
Downbound	101	97	4	4	0	0	0	101	0
Total	177	160	8	13	0	0	0	177	0
1999									
Upbound	48	38	0	10	0	0	0	48	0
Downbound	75	69	0	6	0	0	0	75	0
Total	123	107	0	16	0	0	0	123	0
Percent Change	-31%	-33%	-100%	23%	N/A	N/A	N/A	-31%	N/A

Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	<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	24	15	0	9	0	0	0.00	0.00	0.00
Downbound	27	23	0	4	0	0	0.00	0.00	0.00
Total	51	38	0	13	0	0	0.00	0.00	0.00
1999									
Upbound	22	12	0	10	0	0	0.00	0.00	0.00
Downbound	26	20	0	6	0	0	0.00	0.00	0.00
Total	48	32	0	16	0	0	0.00	0.00	0.00
Percent Change	-6%	-16%	N/A	23%	N/A	N/A	N/A	N/A	N/A

LPMS Summary by Division/District

January - December 1998 and 1999

William O. Huske Cape Fear	Main River Mile: 95.0				South Atlantic Division Wilmington District				
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	<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	66	49	4	13	0	0	0	66	0
Downbound	99	83	4	13	0	0	0	99	0
Total	165	132	8	26	0	0	0	165	0
1999									
Upbound	54	38	0	16	0	0	0	54	0
Downbound	80	64	0	16	0	0	0	80	0
Total	134	102	0	32	0	0	0	134	0
Percent Change	-19%	-23%	-100%	23%	N/A	N/A	N/A	-19%	N/A

Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	<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	27	14	0	13	0	0	0.00	0.00	0.00
Downbound	39	26	0	13	0	0	0.00	0.00	0.00
Total	66	40	0	26	0	0	0.00	0.00	0.00
1999									
Upbound	27	11	0	16	0	0	0.00	0.00	0.00
Downbound	34	18	0	16	0	0	0.00	0.00	0.00
Total	61	29	0	32	0	0	0.00	0.00	0.00
Percent Change	-8%	-28%	N/A	23%	N/A	N/A	N/A	N/A	N/A

1998 data unavailable for the following month(s): Apr