

**ANNUAL REPORT TO CONGRESS**

**STATUS OF THE HARBOR MAINTENANCE TRUST FUND**

**FISCAL YEARS 2000, 2001 AND 2002**



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**EXECUTIVE SUMMARY**

**Background.** The Harbor Maintenance Tax (HMT) and Trust Fund (HMTF) were established by Title XIV of the Water Resources Development Act (WRDA) of 1986 (P.L. 99-662). The HMT is applied as a 0.125 percent *ad valorem* fee on the value of commercial cargo loaded or unloaded on vessels using Federally maintained harbor projects. HMT revenues collected by the U.S. Customs Service are transferred to the HMTF and subsequently transferred to the General Treasury in accordance with Congressional appropriations. The HMTF is authorized to be used to recover 100 percent of the U.S. Army Corps of Engineers (Corps) eligible Operation and Maintenance (O&M) expenditures for commercial navigation, along with 100 percent of the O&M cost of the St. Lawrence Seaway by the St. Lawrence Seaway Development Corporation, certain costs of the National Oceanic and Atmospheric Administration, and the costs to administer the HMTF. The Federal share for construction of Dredged Material Disposal Facilities (DMDFs) is also eligible for recovery from the HMTF in accordance with Section 201 of WRDA 1996 (P.L. 104 – 303).

The U.S. Supreme Court's March 31, 1998, ruling on *U.S. Shoe Corp. v. The United States* found that the HMT violated the export clause of the Constitution. As a result of the Supreme Court's decision, the U.S. Customs Service halted HMT collections on U.S. exports in Fiscal Year (FY) 1998. The *U.S. Shoe* decision struck down the HMT as it applied to exports, but the U.S. Government is statutorily required to continue collecting the HMT from other cargo and passenger categories. Therefore, collection of the HMT on these other categories continued in FY 2000 through FY 2002. Exports comprised about 30 percent of the HMT collections before this decision was rendered.

Federally maintained navigation channels and harbors and associated facilities are vital to the waterborne transportation of American trade goods and essential to U.S. economic competitiveness within the global marketplace. Total U.S. waterborne commerce rose from 2.32 billion tons in 1999 to a record 2.46 billion tons in 2000 before dropping to 2.39 billion tons in 2001 and to 2.34 billion tons in 2002. Foreign waterborne commerce increased from 1.26 billion tons in 1999 to a record 1.39 billion tons in 2000 before decreasing to 1.32 billion tons in 2002. Meanwhile, domestic waterborne commerce remained below the peak amounts of 1.12 and 1.11 billion tons in 1990 and 1997 with 1.06, 1.07, 1.04, and 1.02 billion tons in 1999, 2000, 2001, and 2002, respectively.

Since 1987 the HMTF has supported the O&M of commercial harbor projects maintained by the Federal government. These O&M projects facilitate safe, reliable, and cost-effective conveyance of waterborne vessels on Federal channels at coastal ports, Great Lakes ports, inland harbors and channels, and on the St. Lawrence Seaway. The dredging of navigable channels and harbors is the primary O&M activity for which Corps expenditures are recovered from the HMTF. Corps O&M expenditures for harbors dropped from a record \$684.0 million in FY 1999 to \$628.3 million in FY 2000, \$659.0 million in FY 2001, and \$622.1 million in FY 2002. In addition, the

Corps spent \$5.0 million in FY 2000, \$13.0 million in FY 2001, and \$26.0 million in FY 2002 for the Federal share of constructing DMDFs.

**Summary of HMTF Operations in FYs 2000, 2001 and 2002.** Net revenue deposits in the HMTF increased 24 percent to \$760.6 million for FY 2000, seven percent to \$810.8 million for FY 2001, and decreased 12 percent to \$710.8 million for FY 2002 (Table ES-1).

Transfers decreased six percent from a record \$701.9 million for FY 2000 to 659.6 million for FY 2001, and \$656.2 million for FY 2002 (Table ES-1). Transfers decreased because expenditures by the Corps, which comprise over 97 percent of transfers, declined by 6.8 percent from \$686.9 million in FY 2000 to \$639.9 million in FY 2002.

The HMTF closing balance grew 3.6 percent to \$1.668 billion for FY 2000, 9.1 percent to \$1.819 billion for FY 2001, and 3 percent to \$1.873 billion for FY 2002 (ES-1). The closing balance is projected to be approximately \$1.929 billion for FY 2003 and \$2.180 billion for FY 2004. The revenue stream from HMT collections on imports, domestic shipments, passengers, foreign trade zone cargo, and interest earnings, should be sufficient to recover eligible expenditures for the foreseeable future.

Balances shown in this report differ from those shown in the President's FY 2004 Budget in two respects. First, FY 2002 actual figures and FY 2003 estimated figures in the Presidents Budget are based on cash accounting, whereas Table ES-1 is based on final (although unaudited) accrual accounting, resulting in different calculations of interest income. The cash estimates for the President's Budget were developed in December 2002. The accrual estimates were prepared in October after the end of each fiscal year. Second, the projections for FY 2004 and beyond do not reflect the policy changes proposed but not enacted that year.

**Table ES-1**  
**Summary of Recent Operations,**  
**Actual (Fiscal Years 2000 - 2002) and Projected (FY 2003 & FY 2004)**  
*(thousands of dollars)*

	<b>FY 2000</b> <sup>1)</sup>	<b>FY 2001</b> <sup>1)</sup>	<b>FY 2002</b> <sup>1)</sup>	<b>FY 2003</b> <sup>2)</sup>	<b>FY 2004</b> <sup>2)</sup>
<b>Initial Balance</b>	\$ 1,609,957	1,667,642	1,818,841	1,873,000	1,929,000
<b>Revenues</b> (HMT & Accrued Interest)	760,554	810,769	710,790	827,000	880,000
<b>Total Available</b>	2,369,511	2,478,411	2,529,631	2,700,000	2,809,000
<b>Transfers</b> (Expenditures)	701,869	659,570	656,214	771,000	629,000
<b>Closing Balance</b>	1,667,642	1,818,841	1,873,417	1,929,000	2,180,000

- 1) FY 2000, 2001, and 2002 amounts are from the Department of the Treasury, Bureau of the Public Debt, Office of Public Debt Accounting, Division of Federal Investments, Trust Fund Management Branch.
- 2) Estimates for FY 2003 and FY 2004 are from the President's FY 2004 Budget, with adjustments to reflect accrued interest rather than interest deposited, and not to reflect the proposal for expanded use of the HMTF, which was not enacted.



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**I. BACKGROUND**

1. **Authority.** This report is provided in accordance with Section 330 of the Water Resources Development Act (WRDA) of 1992 (P.L. 102-580) on the status of the Harbor Maintenance Tax (HMT) and Harbor Maintenance Trust Fund (HMTF). The report covers the financial condition and results of operations of the trust fund for Fiscal Years 2000, 2001, and 2002 and its expected condition and operations over the next five years.

2. **History of HMT and HMTF.** The HMT and HMTF were established by Title XIV of the Water Resources Development Act (WRDA) of 1986 (P.L. 99-662). The HMT is applied on an *ad valorem* basis on the value of commercial cargo involved in “any port use” of Federally maintained harbor projects. The term “port use” is defined in Section 1401 of WRDA 1986 [26 USC 4462] as the loading or unloading of commercial cargo to or from a commercial vessel at a port. “Port” is defined as any channel or harbor (or component thereof) in the United States which: (a) is not an inland waterway and (b) is open to public navigation. The list of ports subject to the HMT is defined and administered by the U.S. Customs Service. The “commercial cargo” subject to the fee is defined as any cargo transported on a commercial vessel, including passengers transported for compensation or hire, but not including bunker fuel, ship’s stores, sea stores, the legitimate equipment necessary for the operation of a vessel, nor any fish or other aquatic animal life caught and not previously landed on shore.

3. HMT Rate. Section 1402 of WRDA 1986 [26 USC 4461] originally established an *ad valorem* rate of 0.04 percent of the value of the cargo subject to the tax. The revenue generated from this 0.04 percent tax rate was intended to be sufficient to recover not more than 40 percent of eligible U.S. Army Corps of Engineers (Corps) Operation and Maintenance (O&M) costs assigned to commercial navigation, and 100 percent of the St. Lawrence Seaway Development Corporation’s (SLSDC) eligible O&M costs for the St. Lawrence Seaway. However, Section 11214 of the Omnibus Budget Reconciliation Act of 1990 (P.L. 101-508) subsequently increased the HMT from 0.04 to 0.125 percent, effective January 1, 1991, in conjunction with an authorized increase in the recovery level of the Corps O&M expenditures on behalf of commercial navigation up to 100 percent in accordance with Section 316 of WRDA 1990 (P.L. 101-640).

4. Exclusions. WRDA 1986 also set forth a number of exclusions from the above definitions. For the purposes of the Act, ferries are not considered as commercial vessels; no tax is imposed on cargo moving to and from Alaska, Hawaii and other U.S. possessions (except for Alaskan crude oil, which is subject to the HMT); and the *ad valorem* tax is not imposed on any cargo associated with vessel movements to or from and on the fuel taxed inland waterways system. Thus, although there are certain exceptions, the tax is generally imposed against most imports, domestic shipments, foreign trade zone cargo, and passengers not aboard ferries.

5. Eligible Expenditure. Funds collected by the U.S. Customs Service pursuant to the Act are transferred to the HMTF for recovery of eligible expenditures in accordance with Congressional appropriations. Funds are transferred from the HMTF to the General Treasury for current year expenditures based on estimates prepared monthly. The Act, as amended, authorizes eligible Corps and SLSDC O&M expenditures to be recovered from the HMTF, as outlined below.

6. **Uses of HMTF.** Section 210 of WRDA 1986 (P.L. 99-662) specifically authorizes appropriations out of the HMTF for 100 percent of the “*eligible operations and maintenance costs of those portions of the St. Lawrence Seaway operated and maintained by the St. Lawrence Seaway Development Corporation,*” and “*not more than 40 percent*” [amended under Section 316 of WRDA 1990 (P.L. 101-640) to *100 percent*] “*of the eligible operations and maintenance costs assigned to commercial navigation of all harbors and inland harbors within the United States.*” Section 201 of WRDA 1996 authorized the HMTF to be used to recover the Federal share of construction costs for Dredged Material Disposal Facilities (DMDFs) associated with the O&M of Federal commercial navigation projects, the dredging and disposal of contaminated sediments that are in or affect the maintenance of Federal channels, the mitigation of O&M impacts, and the O&M of DMDFs.

7. U.S. Army Corps of Engineers Expenditures Eligible for Recovery. The Corps interprets the term “*commercial navigation*” referenced in Section 210 to mean any project authorized by Congress with commercial navigation as an authorized purpose. Most Federal deep and shallow draft harbor projects are “*single-purpose*” commercial navigation projects. All O&M and the Federal share of dredged material disposal area construction costs for such “*single-purpose*” navigation projects are subject to recovery from the HMTF. There are also some projects with a commercial navigation purpose that have other authorized purposes as well. Such purposes may include flood control, hydropower, recreation, water supply, environment, and other allied water resources uses. For “*multi-purpose*” projects, only expenditures on behalf of commercial navigation and joint-use costs allocated to commercial navigation are subject to recovery from the trust fund. Expenditures for other specific purposes, such as hydropower, for example, are not eligible for HMTF monies.

8. St. Lawrence Seaway Development Corporation Revenues and Expenditures. One hundred percent of the O&M expenditures for the St. Lawrence Seaway Development Corporation (SLSDC) are recovered from the HMTF. During FY 2002 \$13,305,000 was transferred to the SLSDC for the operation and maintenance of the Seaway. In addition, \$200,000 for SLSDC rent payments was transferred to the U.S. Department of Transportation.

9. NOAA. In addition to the recovery of eligible operation and maintenance costs by the Corps of Engineers and SLSDC, the current 0.125 percent *ad valorem* rate included not to exceed 0.01 percent *ad valorem* for the National Oceanic and Atmospheric Administration (NOAA) of the Department of Commerce to recover the cost of its activities pertaining to commercial navigation. Despite numerous attempts, NOAA has never obtained the authority to withdraw funds from the HMTF.

10. Seaway Tolls. Prior to FY 1995 the tolls collected on that portion of the St. Lawrence Seaway under United States jurisdiction were deposited into the HMTF, but then fully rebated

back to the vessel operating companies paying the tolls in accordance with Section 805 of WRDA 1986. However, with the passage of Section 339 of P.L. 103-331, the collection of tolls on the U.S. portion of the Seaway was eliminated, effective October 1, 1994. Approximately \$9.55 million in Seaway tolls were rebated back to the vessel operating companies during the last full year of toll collections on the U.S. portion of the Seaway (FY 1994). Toll rebates from the HMTF averaged about \$9.5 million per year from FY 1988 - 1994.

11. Use of the HMTF for Administrative Expenses. During the 103rd Congress legislation was enacted which allows the U.S. Customs Service, the Corps, and the U.S. Department of Commerce to share a maximum total of \$5 million per year for expenses incurred in the administration of the HMT. Under this law, Section 683 of P.L. 103-182 [107 Stat. 2057], funds were to be made available as of the beginning of FY 1995; however, enactment was too late to include monies in the FY 1995 appropriations. Since FY 1996 \$3 million has been transferred annually to the U.S. Customs Service for administration of the HMT. In addition, \$575,000 was made available to the Corps in FY 2002 to collect and validate domestic and foreign shipper information required for auditing HMT collections, tracking O&M expenditures, and to coordinate with the U.S. Customs Service on data collection and enforcement issues.

12. **Challenges to HMT.** On October 25, 1995, the U.S. Court of International Trade (CIT) issued a summary judgment in the case *United States Shoe Corp. v. The United States*, 907 F. Supp. 408, finding the HMT unconstitutional under the export clause of the Constitution. Article I, Section 9, Clause 5 provides that “No Tax or Duty shall be laid on Articles exported from any State.” The CIT also enjoined the U.S. Customs Service from collecting the fee. However, in response to a motion filed by the U. S. Department of Justice, the CIT agreed to let the U.S. Customs Service continue to collect the fee until the conclusion of any appellate proceedings.

13. Supreme Court Decision. The CIT’s ruling was affirmed in a 4-to-1 decision issued on June 3, 1997, by the U.S. Court of Appeals for the Federal Circuit, *114 F. 3d 1564*, and on March 31, 1998, by the U.S. Supreme Court. In its unanimous decision the U.S. Supreme Court confirmed that levying a tax on the value of commercial cargo loaded for export violated the export clause of the Constitution. The *U.S. Shoe* decision affects only exports, which represented approximately 30 percent of HMTF revenues during FYs 1996 and 1997. The export clause does not, however, prohibit a user fee, provided the fee lacks the attributes of a generally applicable tax or duty and is, instead, a charge designed as compensation for Government supplied services.

14. Discontinuation of Collections on Exports. As a result of the ruling, the U.S. Customs Service published a notice in the Federal Register advising exporters that they should stop paying the HMT effective April 25, 1998. The HMT is no longer being collected on exported goods. Under existing law the U.S. Customs Service will continue to collect the HMT on imports, domestic shipments, foreign trade zone cargo, and passengers.

15. Refunds. HMT collections received during the judgment period totaled \$1.08 billion, according to the U.S. Customs Service, Accounting Services Division. HMT refunds from Department of the Treasury Fund 20X1807 “Refund of Monies Erroneously Received and Covered (Indefinite)” are available to claimants. They must follow CIT procedures requiring the

filing of a claim by the claimant and review and approval by the Court. Refunds issued during FY 2000 totaled \$37 million. Amounts collected during the judgment period and still available for refund, subject to the receipt of a valid claim approved by the Court, totaled \$348 million as of September 2002.

16. Other HMT Challenges. In a separate ruling, *Carnival Cruise Lines, Inc., v. United States*, 929 F. Supp. 1570 (C.I.T., 1996), the CIT ruled that the statutory provision exacting revenue from exports was severable from the remainder of the law and that this challenge would not apply to traffic other than exports (i.e., import, domestic, and foreign trade zone cargo, and passengers). Subsequent court decisions have established that the HMT is constitutional as applied to interstate shipments (*Florida Sugar Marketing and Terminal Association v. United States*, 40 F. Supp. 2d 479 (Ct. Int. Trade 1999)), and cruise line passengers (*Carnival Cruise Lines v. United States*, 200 F.3d 1361 (Fed. Cir. 2000)), regardless of whether or not cruise origination or termination points were HMT-exempt ports (*Princess Cruises v. United States*, 201 F.3d 1352 (Fed. Cir. 2000)). On June 29, 2000, the U.S. Supreme Court declined to review the *Princess Cruises v. United States* ruling that the HMT is constitutional as applied to the embarkation of cruise passengers, 120S.Ct.2741. (The decision by the U.S. Court of Appeals for the Federal Circuit had reversed a previous ruling by the CIT (*Princess Cruises, Inc., v. United States*, 1998 Court of International Trade LEXIS 70 (June 9, 1998)). Other CIT designated test cases on issues relating to the constitutionality of the HMT on imports into foreign trade zones and imports in general remain in litigation.

17. World Trade Organization (WTO) Proceedings on the HMT. In 1992 the European Community (EC, now European Union) members of the *General Agreement on Tariffs and Trade* (GATT) requested a “consultation” on the HMTF surplus through the Office of the U.S. Trade Representative (USTR). At that time, the trust fund’s surplus was about \$70 million. After those consultations occurred the EC did not pursue the matter, and no further formal action was taken under GATT.

18. First EU Consultations. On February 6, 1998, prior to the U.S. Supreme Court’s *U.S. Shoe* decision, the EU requested WTO consultations with the United States on the HMT’s impact on EU imports into the United States. The EU claims that the HMT violates Articles I, II, III, VIII, and X of the GATT (1994). The EU estimates that the HMT costs European exporters \$86 million annually. On March 25, 1998 a first round of consultations took place, with the EU in Geneva, Switzerland, with Canada, Japan, and Norway also participating. During these consultations the United States responded to factual questions posed by its trading partners regarding the HMT and how it is assessed and used, but declined to engage in a discussion of the international legal merits of the case or to speculate on how a U.S. Supreme Court decision might affect WTO obligations.

19. Second EU Consultations. On April 8, 1998 after the U.S. Supreme Court decision in *U.S. Shoe* the EU requested a second round of consultations on the HMT. These consultations (which again included Japan, Canada, and Norway) were held on June 10, 1998. In these and other discussions with U.S. trading partners, the USTR has made it clear that any changes made to the HMT as a result of *U.S. Shoe* will be done to comply with the ruling of the U.S. Supreme Court and to maintain consistency with WTO obligations.

20. **Dispute Settlement Procedure.** Under WTO dispute settlement rules the EU could move to request establishment of a dispute settlement panel to examine its legal claims. The EU had indicated that if annually satisfactory legislation were not passed by January 1, 2000, it would ask for a panel. No panel had been requested as of September 30, 2002.

21. **Procedure to Remedy Violations.** If a WTO member nation is found to be in violation of WTO rules, it may be granted a “reasonable period of time” to correct the violation. Generally a member nation has a maximum of fifteen months within which it must correct the violation or face trade retaliation. If the violating party fails to take such corrective action by the end of this fifteen-month period, any party having invoked the dispute settlement procedure may request authorization to suspend the application of concessions or other obligations under the WTO agreements with respect to the violating party.

22. **Proposed Replacement of the HMT and HMTF.** Subsequent to *U.S. Shoe* the Clinton Administration proposed replacing the HMT and HMTF with a Harbor Services User Fee (HSUF) and Harbor Services Fund (HSF). The proposed Harbor Services Users Fee was aimed at satisfying the Supreme Court test for constitutionality by establishing a close link between the revenues collected and services provided to project users, while being consistent with the GATT and other U.S. international obligations. The Clinton Administration’s HSUF/HSF proposal was transmitted to Congress on April 30, 1999, as H.R. 1947. The proposed bill was referred to the House Committee on Transportation and Infrastructure, Subcommittee on Water Resources and Environment. The subcommittee held a hearing on the bill on November 3, 1999. No subcommittee action was taken on the bill.

## II. WATERBORNE COMMERCE

23. **Waterborne Commerce.** Federally maintained harbor channels and associated port and dock facilities are vital to the waterborne transportation of American trade goods and essential to the economic viability of the United States within the global marketplace. Waterborne commerce at United States ports in Calendar Year 2002 totaled approximately 2.34 billion tons (short tons of 2,000 pounds), including 935 million tons of imports and 384 million tons of exports, and an additional 1.02 billion tons of cargo moved in domestic trade (Table 1).

24. **Domestic Waterborne Trade.** Domestic waterborne trade generally includes “coastwise,” “lakewise,” and “internal” cargo. “Coastwise” is cargo moving between harbors on the Atlantic, Pacific or Gulf coasts beyond the inland and intracoastal waterways. “Lakewise” is cargo moving between U.S. Great Lakes harbors. “Internal” is cargo moving on the inland and intracoastal waterways. Since 1990, coastwise and lakewise traffic combined, which are generally subject to the HMT, declined by 22 percent or 91million tons from 409 million tons to 318 million tons, and their share of domestic traffic dropped from 36 percent to 31 percent. Coastwise traffic fell by 82 million tons and lakewise traffic fell by 9 million tons. During the same period internal traffic, which is generally not subject to the HMT, lost15 million tons from 623 to 608 million tons, but its share of domestic traffic rose from 56 percent to 60 percent.

**Table 1**  
**U.S. Waterborne Commerce Annual Tonnage by Category**  
**and Total Value of Exports and Imports, Calendar Years 1988 - 2002**  
*(millions of tons and millions of dollars)*

Year	EXPORTS		IMPORTS		DOMESTIC*	TOTAL
	Tonnage	Value	Tonnage	Value	Tonnage	Tonnage
1988	426.3	132,878	549.9	267,821	1,111.7	2,088
1989	448.4	151,111	589.5	290,189	1,102.5	2,140
1990	441.6	158,377	600.0	299,578	1,122.3	2,164
1991	458.2	172,132	555.4	289,640	1,078.6	2,092
1992	450.8	185,236	586.7	310,324	1,094.6	2,132
1993	411.3	176,609	648.8	335,520	1,068.2	2,128
1994	396.2	189,284	719.5	376,423	1,099.0	2,215
1995	474.7	228,195	672.7	391,526	1,093.0	2,240
1996	450.8	238,234	732.6	389,143	1,100.6	2,284
1997	432.3	232,209	788.3	443,605	1,112.5	2,333
1998	404.7	212,743	840.7	451,249	1,094.1	2,339
1999	400.0	192,700	860.8	479,800	1,061.8	2,323
2000**	415.0	196,826	976.8	540,536	1,069.8	2,462
2001**	399.0	196,306	945.1	523,086	1,042.4	2,387
2002**	384.0	196,100	935.0	568,300	1,021.0	2,340

**Source: Annual Tonnages** - *Waterborne Commerce of the United States, Annual*, USACE WCSC. Tons are short tons (2000 lbs).

**Value Estimates** - U.S. Waterborne Exports & General Imports, U.S. Dept. of Commerce, Bureau of the Census (Year 2000 value source: US Department of Transportation, Maritime Administration)

\* Values of domestic waterborne commerce not available.

\*\* Import and export tonnage does include in-transit cargo. Import and export value does not include in-transit cargo.

25. There were 50 states/territories with domestic and foreign waterborne tonnages in excess of one million tons in 2000 and 2002 (Tables 2A and 2C), and 51 states/territories in 2001 (Table 2B). States and territories with commerce below one million tons and not shown in the Tables 2A are Nebraska, Kansas, District of Columbia and Guam; in Table 2B are Nebraska, District of Columbia and Guam; and in Table C are Nebraska, Idaho, Guam and District of Columbia. Cargo tonnage assigned to each state is the summation of shipping (domestic and foreign), receiving (domestic and foreign), and intrastate traffic. Values of domestic waterborne commerce are not available.

**Table 2A**  
**U.S. Waterborne Commerce Tonnage by State in 2000**  
*(millions of short tons)*

Louisiana	513.0	Kentucky	91.9	Mississippi	45.7	Hawaii	23.2
Texas	472.0	Michigan	79.3	Virgin Islands	45.7	Georgia	22.4
California	185.7	West Virginia	78.2	Oregon	40.4	Connecticut	19.0
Ohio	130.9	Alabama	76.3	Wisconsin	39.3	Iowa	15.6
Pennsylvania	126.1	Indiana	74.4	Delaware	38.8	North Carolina	12.3
Florida	125.3	Virginia	65.5	Missouri	34.7	Arkansas	11.8
Illinois	118.4	Alaska	64.5	Maine	32.3	Rhode Island	9.1
Washington	113.8	Minnesota	54.5	Puerto Rico	27.6	New Hampshire	4.5
New York	104.7	Tennessee	49.1	Massachusetts	27.0	Oklahoma	3.8
New Jersey	101.5	Maryland	47.3	South Carolina	23.3	Idaho	1.6

**Source:** *Waterborne Commerce of the United States, Calendar Year 2000, Part 5 - National Summaries, USACE WCSC*

**Table 2B**  
**U.S. Waterborne Commerce Tonnage by State in 2001**  
*(millions of short tons)*

Louisiana	496.2	New Jersey	93.8	Mississippi	46.3	Hawaii	23.1
Texas	454.8	Michigan	76.6	Virgin Islands	42.3	Georgia	22.0
California	186.5	West Virginia	79.5	Oregon	35.8	Connecticut	18.3
Pennsylvania	125.1	Alabama	68.2	Wisconsin	37.4	Iowa	14.3
Illinois	122.7	Indiana	71.0	Delaware	37.2	North Carolina	10.7
Florida	121.8	Virginia	61.8	Missouri	34.7	Arkansas	11.6
Ohio	119.5	Alaska	67.2	Maine	30.6	Rhode Island	9.2
Washington	105.0	Minnesota	44.0	Puerto Rico	23.3	New Hampshire	4.4
New York	103.3	Tennessee	46.7	Massachusetts	26.4	Oklahoma	4.1
Kentucky	101.1	Maryland	49.9	South Carolina	24.7	Kansas	2.3
						Idaho	1.3

**Source:** *Waterborne Commerce of the United States, Calendar Year 2001, Part 5 - National Summaries, USACE WCSC*

**Table 2C**  
**U.S. Waterborne Commerce Tonnage by State in 2002**  
*(millions of short tons)*

Louisiana	484.9	New York	88.1	Tennessee	46.1	Georgia	23.2
Texas	442.3	West Virginia	80.1	Wisconsin	42.5	Hawaii	22.6
California	190.1	Michigan	73.4	Delaware	38.6	Connecticut	17.6
Florida	122.5	Indiana	71.5	Virgin Islands	38.5	Iowa	16.7
Illinois	120.3	Alaska	67.4	Oregon	31.6	Arkansas	13.1
Ohio	119.4	Alabama	66.9	Missouri	30.0	North Carolina	9.7
Pennsylvania	115.3	Minnesota	47.8	Maine	29.1	Rhode Island	8.4
New Jersey	110.1	Mississippi	47.7	South Carolina	26.5	Oklahoma	4.4
Washington	100.9	Virginia	47.5	Massachusetts	26.1	New Hampshire	4.1
Kentucky	100.1	Maryland	47.3	Puerto Rico	24.3	Kansas	1.7

Source: *Waterborne Commerce of the United States, Calendar Year 2002, Part 5 - National Summaries*, USACE WCSC

### III. COLLECTIONS AND REVENUES

26. **Collections, Revenues, and Compliance.** All commerce subject to the HMT incurs the same 0.125 percent *ad valorem* tax. Historically, imports have provided the largest share of HMT revenue as they have led in both the total tonnage and value of cargo subject to the tax, especially since the Supreme Court decision in *United States Shoe* eliminated the tax on exports (Table 3). Key imports tend to consist of higher value commodities (e.g., electronics, automobiles, etc.), while U.S. exports and domestic cargo have generally been dominated by bulk cargoes (e.g., grain, coal, chemicals, and petroleum products). Table 3 shows revenue paid into the HMTF since FY 1987, based on actual collections reported by the U.S. Customs Service through the last day of each fiscal year.

27. **Source of Data.** Total HMT collections shown in Table 3 differ slightly from the “official” HMT deposits in Table 7 because the Treasury Income Statement of the HMTF, like the Budget of the United States, must rely on collection and revenue estimates prepared weeks or months before the close of the fiscal year. Financial Management Services (FMS) in the U.S. Department of the Treasury reconciles differences between actual fee receipts as reported by the U.S. Customs Service and its estimates on a monthly basis, as well as at the beginning of each fiscal year. Only the U.S. Customs Service reports collections revenue by source, as shown in Table 3.



**Table 3**  
**Harbor Maintenance Tax Collections by Source,**  
**Fiscal Years 1987 - 2002**  
*(thousands of dollars)*

Fiscal Year	Imports	Exports	Foreign Trade Zone	Domestic	Passengers	Net Collections	Cumulative Total
1987	43,249	6,777	677	2,414	120	53,237	53,237
1988	99,793	35,938	3,120	9,170	551	148,572	201,809
1989	105,927	44,618	3,876	8,590	666	163,677	365,486
1990	109,215	45,808	4,020	9,069	559	168,671	534,157
1991	258,321	93,194	9,166	19,518	1,977	382,176	916,333
1992	342,402	142,916	16,974	28,451	3,275	534,018	1,450,351
1993	361,678	169,141	20,959	31,858	4,748	588,384	2,038,735
1994	391,679	168,241	21,895	34,558	4,811	621,184	2,659,919
1995	418,858	214,821	14,548	20,241	2,792	671,260	3,331,179
1996	409,708	209,217	27,982	26,788	3,179	676,874	4,008,053
1997	438,395	209,439	48,444	32,828	3,865	732,971	4,741,024
1998	462,895	94,998	45,319	39,158	2,460	644,830	5,385,854
1999	484,169	-49,552	66,674	48,801	1,213	551,305	5,937,159
2000	558,513	-9,587	76,883	44,502	2,152	672,463	7,609,622
2001	583,198	2,455	86,285	39,365	10,309	721,612	8,331,234
2002	544,746	1,566	69,115	27,786	9,643	652,856	8,984,090
<b>Totals</b>	<b>5,612,746</b>	<b>1,379,990</b>	<b>515,937</b>	<b>423,097</b>	<b>52,320</b>	<b>8,984,090</b>	

**Source:** Office of Finance, U.S. Customs Service, Department of the Treasury

**Notes:** HMT collections will differ from deposits into the HMTF due to reporting time and estimate errors.

Effective January 1, 1991, the HMT increased from 0.04% *ad valorem* to 0.125%.

HMT collections on exports halted April 25, 1998. Negative amount for exports in FY 1999 and 2000 reflects adjustments by U.S. Customs. Positive amounts for exports in FY 2001 and 2002 are adjustments to export revenues previously collected and miscoded.

28. Recent Trends. In FY 2002 total HMT collections fell 10 percent from 2001 collections. Collections from every source declined in 2002 compared to 2001.

29. Passengers. Collections for passengers fell off in FY 1995 in part due to litigation. The increase in collections on passengers beginning in FY 2001 is the result of the Federal Circuit Court's January 5, 2000, decision in the case of *Carnival Cruise Lines and Princess Cruises, Inc. v. the United States* that the tax on passenger transportation is constitutional. The U.S. Supreme Court did not take the case; therefore, the circuit court decision stands. The U.S. Customs Service began billing cruise lines for back payments after the U.S. Supreme Court declined to take the case.

30. Imports and Exports. The yearly valuation data (Table 1) is useful in interpreting overall trends in compliance with the HMT based on the *ad valorem* rate of 0.125 percent of cargo value

in place since 1991. The HMT on imports is collected in conjunction with the U.S. customs duties. Because the mechanism for administering, collecting, and enforcing customs fees is well established and well enforced, compliance within the import component of the HMT is high. Application of the current *ad valorem* rate of 0.125 percent to the Bureau of Census/Maritime Administration (MARAD) data on the total annual value of U.S. waterborne imports since 1991 (Table 1) provides a macro estimate of the potential upper ceiling for import collections. (Note that the Census/MARAD data also includes values for covered foreign trade zone (FTZ) cargo and exempt cargo and trade at ports in Alaska, Hawaii, and U.S. possessions not subject to the HMT.) Actual HMT import receipts displayed in Table 3 represent approximately 90 percent of the potential ceiling for import and FTZ collections based on the Census/MARAD data, generally confirming a high level of compliance for imports. A significantly lower level of HMT compliance was realized on export cargo during the years that the HMT was collected on exports. HMT receipts on exports generally represented less than 75 percent of the potential ceiling for export collections based on the Census/MARAD annual valuation data.

31. Domestic/FTZ. With the passage of Section 683 of P.L. 103-182 (107 Stat. 2057), funds were authorized for the administration and enforcement of the HMT. However, it was not until FY 1996 that monies were appropriated for this purpose. As shown in Table 3, revenue in FY 1995 from domestic shippers and foreign trade zones showed a conspicuous decline. Given these decreases in revenue, much of the efforts by the U.S. Department of Treasury have focused on addressing these sectors. These efforts to improve compliance appear to have been partially successful as domestic and foreign trade zone collections have significantly increased over those in FY 1995. In FY 2001 FTZ collections reached a peak of \$86.3 million, sharply above \$14.5 million in FY 1995 (Table 3).

32. Validation of Domestic Data. In light of the past variations in the level of domestic collections and concerns expressed by the WTO that the U.S. has not fully collected fees due from domestic shippers, ensuring full compliance on the domestic side is a priority. In addition to the administration and enforcement funding provided to the U.S. Customs Service for FYs 1996 - 2002, funding was made available to the Corps to work with the agency to improve the collection and analysis of domestic receipts. The funding was used for development of a system to collect and validate shipper information required by the U.S. Customs Service for auditing domestic HMT collections. The goal of this effort is to increase the accuracy and completeness of domestic shipping information in order to improve the ability of the Federal government to verify the level of compliance.

33. Improved Delineation of Foreign Vessel Movement. The Corps has improved the accuracy of the delineation of ports where moves are subject to the HMT and the facilities contained in these ports. With the transfer of the U.S. Foreign Waterborne Transportation Statistics Program from the U.S. Census to the Corps on October 1, 1998, the WCSC is now involved in identification of foreign cargo movements subject to the tax. The Corps is working with the U.S. Customs service to improve the geographic accuracy of foreign vessel movements in U.S. ports, and has improved the computer programs that match the cargo to the vessel moves. As a result, both the domestic and foreign data are better suited for the U.S. Customs service to use for verifying compliance.

## IV. EXPENDITURES AND TRANSFERS

34. **Expenditures for Corps O&M.** Expenditures for Corps O&M peaked in FY 1999 at \$684 million (Table 4). Expenditures for deep draft harbors also peaked in FY 1999. Expenditures for shallow draft harbors rose through FY 2002.

**Table 4**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures**  
**For Deep Draft and Shallow Draft Harbor Projects,**  
**Fiscal Years 1993 - 2002**  
*(thousands of dollars)*

Fiscal Year	Deep Draft O&M Costs - (\$000)	Shallow Draft O&M Costs - (\$000)	Total O&M Costs (\$000)
1993	415,667	61,223	476,890
1994	436,277	82,920	519,196
1995	418,893	63,234	482,126
1996	461,722	74,264	535,987
1997	498,002	80,334	578,336
1998	570,308	62,244	632,552
1999	585,375	98,601	683,976
2000	530,227	98,069	628,296
2001	554,184	104,841	659,024
2002	507,330	114,761	622,091

**Source:** USACE Navigation Cost Recovery Database System, FY 2000, FY 2001, and FY 2002, results and historical record published in *Navigation Operations and Maintenance: Expenditures for Harbors & Waterways*.

**Note:** Annual O&M expenditures may differ from transfers from the HMTF in some years due to reporting time, post audit adjustments, and estimate errors.

35. O&M Data by State and Project. Tables 5A, 5B, and 5C display Corps O&M expenditures by state for FY 2000, FY 2001, and FY 2002, respectively. O&M expenditures for harbors in Louisiana far surpassed those in other states, primarily due to costs for dredging the Mississippi River from Baton Rouge to the Gulf of Mexico. Appendices B, C, and D display Corps O&M expenditures by states/territories and by project for FY 2000, 2001, and 2002, respectively. The costs in each appendix are displayed in two tables: Table 1D presents O&M costs for deep draft harbors (projects with channel depths greater than 14 feet); and Table 1S displays costs for shallow draft harbors (depths of 14 feet or less). The costs include the total project cost and the component costs for navigation, other purposes (flood control, hydropower, environment, recreation, and regulatory), and jointly shared by two or more purposes. The navigation recoverable costs include the navigation specific costs and any joint costs allocated to navigation.

**Table 5A**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures**  
**Eligible for Recovery from the Harbor Maintenance Trust Fund by State**  
**Fiscal Year 2000**  
*(thousands of dollars)*

Louisiana	\$94,548	Delaware	24,002	Wisconsin	6,921	Kentucky	1,426
California	46,628	Virginia	24,081	Indiana	4,783	Maine	1,357
Florida	45,947	Alabama	20,981	New Hampshire	4,415	Missouri	1,277
Michigan	42,181	North Carolina	18,114	Alaska	4,306	Arkansas	1,057
Oregon	38,408	Georgia	17,535	Puerto Rico	3,984	Hawaii	724
Washington	35,185	Massachusetts	15,255	Minnesota	2,420	Vermont	205
Texas	35,115	South Carolina	15,093	Tennessee	2,248	Connecticut	169
New York	27,367	Mississippi	14,344	Rhode Island	2,047	Iowa	0
Maryland	26,094	Ohio	14,163	Dist. of Columbia	1,950	North Dakota	0
New Jersey	24,320	Illinois	7,969	Pennsylvania	1,677	West Virginia	0

**Source:** USACE Navigation Cost Recovery Database System, Fiscal Year 2000.

**Table 5B**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures**  
**Eligible for Recovery from the Harbor Maintenance Trust Fund by State**  
**Fiscal Year 2001**  
*(thousands of dollars)*

Louisiana	\$112,710	New Jersey	23,870	Mississippi	8,336	Rhode Island	1,352
Florida	51,334	Washington	20,573	Wisconsin	7,997	Missouri	1,004
California	48,351	Ohio	17,846	Indiana	4,500	Kentucky	914
Michigan	44,618	South Carolina	16,562	Maine	4,334	Arkansas	906
Oregon	43,874	Virginia	16,500	Minnesota	2,415	Hawaii	712
New York	42,983	North Carolina	15,362	Vermont	2,123	West Virginia	299
Texas	40,665	Massachusetts	12,051	New Hampshire	1,986	Dist. of Columbia	143
Delaware	28,139	Georgia	11,799	Tennessee	1,773	Connecticut	110
Alabama	26,664	Alaska	9,815	Pennsylvania	1,560	Iowa	0
Maryland	24,533	Illinois	8,829	Puerto Rico	1,483	North Dakota	0

**Source:** USACE Navigation Cost Recovery Database System, Fiscal Year 2001.

**Table 5C**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures**  
**Eligible for Recovery from the Harbor Maintenance Trust Fund by State**  
**Fiscal Year 2002**  
*(thousands of dollars)*

Louisiana	110,876	Washington	28,153	Georgia	6,273	Kentucky	1,544
Oregon	42,932	Delaware	20,421	Alaska	5,537	Hawaii	1,169
Florida	39,331	Virginia	19,054	Indiana	4,236	Missouri	699
California	38,715	North Carolina	18,885	Maine	3,855	Puerto Rico	470
New York	38,649	South Carolina	15,628	Minnesota	3,089	New Hampshire	249
Michigan	36,704	Ohio	14,335	Rhode Island	2,692	Dist. of Columbia	176
Alabama	36,041	Wisconsin	9,800	Vermont	2,296	North Dakota	21
Texas	31,024	Illinois	9,332	Tennessee	1,760	Iowa	0
Maryland	28,570	Massachusetts	8,857	Arkansas	1,727	West Virginia	0
New Jersey	28,217	Mississippi	8,636	Connecticut	1,572	Pennsylvania *	- 94

**Source:** USACE Navigation Cost Recovery Database System, Fiscal Year 2002.

\*Account reconciliation

36. **D MDF Data.** Corps construction expenditures for D MDFs were \$5.0 million in FY 2000, \$13.0 million in FY 2001, and \$26.0 million in FY 2002.

37. **Transfers.** Transfers from the HMTF to the General Treasury for the U.S. Army Corps of Engineers, the St. Lawrence Seaway Development Corporation (SLSDC), U.S. Department of Transportation, and administration costs are shown in Table 6 for Fiscal Years 1987- 2002. Transfers for the Corps of Engineers included the transfers for D MDFs as well as O&M.

## V. HARBOR MAINTENANCE TRUST FUND BALANCES

38. **History.** Table 7 displays the history of the HMTF revenues, transfers, and balances through FY 2002. Paragraph 27 discusses the differences between Tables 3 and 7.

39. **Change in Balances.** The balances in the HMTF grew by \$59 million in FY 2000, \$151 million in FY 2001, and \$55 million in FY 2002. The high growth in FY 2001 is attributed to high revenues from collections and interest. Collections and interest both fell in FY 2002.

40. **Projections.** Table 8 displays actual figures for FY 2002, estimates for FY 2003, and projections for FY 2004 – 2007. Table 8 assumes no change in conditions affecting collections and transfers.

41. Comparison to Budget Projections. The figures in Table 8 differ from those displayed in the President's FY 2004 Budget for two reasons. First, the figures in the President's Budget are based on cash accounting, whereas Table 8 is based on final (although unaudited) accrual accounting, resulting in different calculations of interest income. The cash estimates for the President's Budget were developed in December 2002. The accrual estimates were prepared in October after the end of each fiscal year. Second, the projections for FY 2004 and beyond do not reflect the proposal in the President's FY 2004 Budget that the HMTF be used for the construction of harbors and channel as well as their O&M. This proposal was not enacted.

**Table 6**  
**Harbor Maintenance Trust Fund Transfers,**  
**Fiscal Years 1987 - 2002**  
*(thousands of dollars)*

Fiscal Year	Corps of Engineers	St. Law. Seaway Dev. Corp.	Toll Rebates	SLSDC* Rent	Customs (Admin. Cost)	Net Transfers
1987	35,000	4,000	3,998	0	0	42,998
1988	148,000	9,424	8,895	0	142	166,461
1989	159,026	10,382	10,977	0	167	180,552
1990	159,074	11,397	9,041	0	169	179,681
1991	333,401	9,075	10,298	0	186	352,960
1992	462,229	10,950	9,565	16	184	482,944
1993	446,434	13,584	8,074	160	124	468,376
1994	476,620	10,765	9,546	175	0	497,106
1995	519,196	10,193	1,512	181	0	531,082
1996	482,126	9,539	0	169	3,000	494,834
1997	535,987	10,322	0	193	3,000	549,502
1998	496,899	11,000	0	193	3,000	511,092
1999	281,202	11,260	0	200	3,000	295,662
2000	686,898	11,771	0	200	3,000	701,869
2001	643,601	12,775	0	200	2,793	659,569
2002	639,909	13,105	0	200	3,000	656,214
<b>Totals</b>	<b>6,505,602</b>	<b>169,542</b>	<b>71,906</b>	<b>1,887</b>	<b>21,965</b>	<b>6,770,902</b>

**Source:** Department of the Treasury, Bureau of Public Debt, Office of Public Debt Accounting, Division of Federal Investments, Trust Fund Management Branch.

\* Saint Lawrence Seaway Development Corporation: SLSDC.

42. **Summary.** Even with the loss of revenues from collections on exports, revenues exceeded transfers in FY 2000 through FY 2002, and they are projected to continue to do so. With no changes in the conditions affecting revenues or transfers, the balance in the HMTF is projected to grow to over \$3.4 billion by FY 2007.

**Table 7**  
**Harbor Maintenance Trust Fund Revenues, Transfers, and Balances,**  
**Fiscal Years 1989 - 2002**  
*(thousands of dollars)*

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Beginning Balance</b>	9,715	12,312	30,254	72,795	120,931	303,277	451,385	621,194	866,063	1,112,241	1,289,018	1,608,957	1,667,642	1,818,841
<b>Revenues:</b>														
Harbor Maint. Tax Collections	166,000	180,493	374,420	505,827	628,462	622,253	670,532	698,267	735,534	621,500	552,835	677,589	721,612	652,856
Toll Receipts	9,806	8,849	9,267	8,733	8,739	11,112	173	0	0	0	0	0	0	0
Interest*	7,343	8,281	11,814	16,502	13,521	12,826	30,186	40,870	53,632	66,370	62,766	82,965	89,156	57,933
<b>Total</b>	183,149	197,623	395,501	531,062	650,722	646,191	700,891	739,137	789,166	687,870	615,601	760,554	810,768	710,790
<b>Net Available</b>	192,864	209,935	425,755	603,571	771,653	949,468	1,152,276	1,360,331	1,655,230	1,800,111	1,904,619	2,369,511	2,478,410	2,529,631
<b>Transfers:</b>														
Corps of Engineers	159,026	159,074	333,401	462,229	446,434	476,620	519,196	482,126	535,987	496,900	281,202	686,898	643,601	639,909
St. Lawrence Seaway D.C.	10,382	11,397	9,075	10,950	13,584	10,765	10,193	9,539	10,322	11,000	11,260	11,771	12,775	13,105
SLS Toll Rebates	10,977	9,041	10,298	9,565	8,074	9,546	1,512	0	0	0	0	0	0	0
Dept. of Transportation	0	0	0	16	160	175	181	169	193	193	200	200	200	200
Administrative Costs	167	169	186	184	124	0	0	3,000	3,000	3,000	3,000	3,000	2,793	3,000
<b>Total</b>	180,552	179,681	352,960	482,944	468,376	497,106	531,082	494,834	549,502	511,093	295,662	701,869	659,569	656,214
<b>Ending Balance</b>	12,312	30,254	72,795	120,627	303,277	452,362	621,194	865,497	1,105,728	1,289,018	1,608,957	1,667,642	1,818,841	1,873,417

**Source:** Dept. of the Treasury, Bureau of the Public Debt, Office of Public Debt Accounting, Division of Federal Investments, Trust Fund Management Branch

\* "Interest" represents the total interest accrued on interest bearing securities during the fiscal year, including interest from securities that matured in each FY and an estimate of interest accrued in that FY on longer-term investments (net of interest previously accrued). By comparison, the amounts actually deposited in the HMTF in FY 2000, 2001, and 2003 were \$88.6, \$94.5 and \$76.6 million, respectively.

**Table 8**  
**Harbor Maintenance Trust Fund Revenues, Transfers, and Balances**  
**Actual (Fiscal Years 1998-2002) and Projected (Fiscal Years 2003-2007)**  
*(thousands of dollars)*

(000)	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
<b>Initial Balance</b>	1,608,957	1,667,642	1,818,841	1,873,000	1,929,000	2,180,000	2,511,000	2,929,000
<b>Revenues</b>	760,554	810,768	710,790	827,000	880,000	970,000	1,069,000	1,170,000
<b>Total Available</b>	2,369,511	2,478,410	2,529,631	2,700,000	2,809,000	3,150,000	3,581,000	4,098,000
<b>Transfers</b>	701,869	659,569	656,214	771,000	629,000	639,000	652,000	664,000
<b>Ending Balance</b>	1,667,642	1,818,841	1,873,417	1,929,000	2,180,000	2,511,000	2,929,000	3,434,000

**Note:** FY 1998 - 2002 actual amounts are from Department of the Treasury, Bureau of the Public Debt, Office of Public Debt Accounting, Division of Federal Investments, Trust Fund Management Branch. The FY 2003 estimate and the FY 2004-2007 projections are from the President's FY 2004 Budget, with adjustments to reflect accrued interest rather than interest deposited, and not to reflect the proposal for expanded use of the HMTF, which was not enacted..



## Appendix A Table Symbols

PWI:	Project Work Item
<u>DIV/DIS</u>	<u>Division / District</u>
LRD	Great Lakes & Ohio River Division
LRB	Great Lakes & Ohio River Division - Buffalo District
LRC	Great Lakes & Ohio River Division - Chicago District
LRE	Great Lakes & Ohio River Division - Detroit District
LRH	Great Lakes & Ohio River Division - Huntington District
LRL	Great Lakes & Ohio River Division - Louisville District
LRN	Great Lakes & Ohio River Division - Nashville District
LRP	Great Lakes & Ohio River Division - Pittsburgh District
MVD	Mississippi Valley Division
MVK	Mississippi Valley Division - Vicksburg District
MVM	Mississippi Valley Division - Memphis District
MVN	Mississippi Valley Division - New Orleans District
MVP	Mississippi Valley Division - St. Paul District
MVR	Mississippi Valley Division - Rock Island District
MVS	Mississippi Valley Division - St. Louis District
NAD	North Atlantic Division
NAB	North Atlantic Division - Baltimore District
NAE	North Atlantic Division - New England District
NAN	North Atlantic Division - New York District
NAO	North Atlantic Division - Norfolk District
NAP	North Atlantic Division - Philadelphia District
NWD	Northwestern Division
NWK	Northwestern Division - Kansas City District
NWO	Northwestern Division - Omaha District
NWP	Northwestern Division - Portland District
NWS	Northwestern Division - Seattle District
NWW	Northwestern Division - Walla Walla District
POD	Pacific Ocean Division
POA	Pacific Ocean Division - Alaska District
POH	Pacific Ocean Division - Honolulu District
SAD	South Atlantic Division
SAC	South Atlantic Division - Charleston District
SAJ	South Atlantic Division - Jacksonville District
SAM	South Atlantic Division - Mobile District
SAS	South Atlantic Division - Savannah District
SAW	South Atlantic Division - Wilmington District

SPD	South Pacific Division
SPA	South Pacific Division - Albuquerque District
SPK	South Pacific Division - Sacramento District
SPL	South Pacific Division - Los Angeles District
SPN	South Pacific Division - San Francisco District
SWD	Southwestern Division
SWF	Southwestern Division - Fort Worth District
SWG	Southwestern Division - Galveston District
SWL	Southwestern Division - Little Rock District
SWT	Southwestern Division - Tulsa District

## **Appendix B**

### **Operation and Maintenance Expenditures For U.S. Army Corps of Engineers Harbor Projects, FY 2000**

**Table 1D - Deep Draft Harbor Projects By State/Territory**

**Table 1S - Shallow Draft Harbor Projects by State/Territory**



**APPENDIX B: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU LA BATRE	1120	Deep Draft Single Purpose	SAM	0	0	0	0	0	0
CC HELICOPTER LIDAR BATHYMETER	8242	Deep Draft Single Purpose	SAM	2,565	2,565	0	0	0	2,565
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT, AL	8302	Deep Draft Single Purpose	SAM	860	856	4	0	0	856
MOBILE HARBOR	11670	Deep Draft Single Purpose	SAM	16,026	15,934	85	7	0	15,934
MOBILE AREA DIGITAL MAPPING, AL	76294	Deep Draft Single Purpose	SAM	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>19,451</b>	<b>19,355</b>	<b>89</b>	<b>7</b>	<b>0</b>	<b>19,355</b>
<b>ALASKA</b>									
ANCHORAGE HARBOR	360	Deep Draft Single Purpose	POA	6,813	2,311	4,502	0	0	2,311
KODIAK HARBOR, AK	10168	Deep Draft Single Purpose	POA	0	0	0	0	0	0
COOK INLET SHOALS, AK	10324	Deep Draft Single Purpose	POA	0	0	0	0	0	0
PETERSBURG HARBOR, AK	72759	Deep Draft Single Purpose	POA	43	43	0	0	0	43
WRANGEL NARROWS	72852	Deep Draft Single Purpose	POA	268	266	2	0	0	266
HOMER SMALL BOAT HARBOR	80508	Deep Draft Single Purpose	POA	196	196	0	0	0	196
<b>SUBTOTAL</b>				<b>7,320</b>	<b>2,816</b>	<b>4,504</b>	<b>0</b>	<b>0</b>	<b>2,816</b>
<b>CALIFORNIA</b>									
PORT SAN LUIS, CA	232	Deep Draft Single Purpose	SPL	0	0	0	0	0	0
CRESCENT CITY HARBOR	4270	Deep Draft Single Purpose	SPN	134	134	0	0	0	134
HUMBOLDT HARBOR AND BAY	7860	Deep Draft Single Purpose	SPN	3,963	3,963	0	0	0	3,963
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SPL	4	0	4	0	0	0
MORRO BAY HARBOR CA	11860	Deep Draft Single Purpose	SPL	3,435	3,430	5	0	0	3,430
MOSS LANDING HARBOR, CA	11880	Deep Draft Single Purpose	SPN	518	518	0	0	0	518
OAKLAND HARBOR	12990	Deep Draft Single Purpose	SPN	10,409	10,409	0	0	0	10,409

**APPENDIX B: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OCEANSIDE HARBOR CA	13080	Deep Draft Single Purpose	SPL	1,156	1,131	25	0	0	1,131
OCEANSIDE SAND BYPASS SYSTEM	13085	Deep Draft Single Purpose	SPL	204	201	3	0	0	201
CHANNEL ISLANDS HARBOR CA	14360	Deep Draft Single Purpose	SPL	1,065	1,062	3	0	0	1,062
REDWOOD CITY	15100	Deep Draft Single Purpose	SPN	4	4	0	0	0	4
RICHMOND HARBOR	15280	Deep Draft Single Purpose	SPN	2,503	2,503	0	0	0	2,503
SANTA BARBARA HARBOR CA	15730	Deep Draft Single Purpose	SPL	1,088	1,088	0	0	0	1,088
SAN DIEGO RIVER-MISSION BAY	15750	Deep Draft Single Purpose	SPL	37	37	0	0	0	37
SACRAMENTO RIVER (30' CHANNEL)	15870	Deep Draft Single Purpose	SPK	1,629	1,569	60	0	0	1,569
SAN DIEGO HARBOR	16110	Deep Draft Single Purpose	SPL	2	2	0	0	0	2
SAN FRANCISCO HARBOR	16130	Deep Draft Single Purpose	SPN	1,894	1,894	0	0	0	1,894
DRIFT REMOVAL (SAN FRANCISCO HARBOR AND BAY)	16140	Deep Draft Single Purpose	SPN	2,352	2,352	0	0	0	2,352
SAN JOAQUIN RIVER	16180	Deep Draft Single Purpose	SPK	2,618	2,592	26	0	0	2,592
SAN PABLO BAY AND MARE ISLAND STRAIT	16230	Deep Draft Single Purpose	SPN	5	5	0	0	0	5
SANTA CRUZ HARBOR	16340	Deep Draft Single Purpose	SPN	0	0	0	0	0	0
SUISUN BAY CHANNEL	17720	Deep Draft Single Purpose	SPN	2,655	2,655	0	0	0	2,655
VENTURA HARBOR CA	24190	Deep Draft Single Purpose	SPL	2,488	2,488	0	0	0	2,488
MARINA DEL REY	37690	Deep Draft Single Purpose	SPL	3,254	3,129	125	0	0	3,129
PORT HUENEME	74656	Deep Draft Single Purpose	SPL	1,410	1,407	3	0	0	1,407
NAPA RIVER	74703	Deep Draft Single Purpose	SPN	53	53	0	0	0	53
LOS ANGELES-LONG BEACH HARBORS	74719	Deep Draft Single Purpose	SPL	663	663	0	0	0	663
NEWPORT HARBOR	74720	Deep Draft Single Purpose	SPL	39	39	0	0	0	39
SAN FRANCISCO BAY - DELTA MODEL STRUCTURE	76029	Deep Draft Single Purpose	SPN	2,228	1,167	1,061	0	0	1,167
LOS ANGELES-LONG BEACH HARBOR MODEL	76101	Deep Draft Single Purpose	SPL	158	158	0	0	0	158
SAN FRANCISCO BAY LONG TERM MGMT STRATEGY	88920	Deep Draft Single Purpose	SPN	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>45,968</b>	<b>44,653</b>	<b>1,315</b>	<b>0</b>	<b>0</b>	<b>44,653</b>

**APPENDIX B: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>CONNECTICUT</b>									
CONNECTICUT RIVER BELOW HARTFORD, CT	3760	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
NEW HASEN HARBOR, CT	12380	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
BRIDGEPORT HARBOR, CT	73360	Deep Draft Single Purpose	NAE	6	6	0	0	0	6
<b>SUBTOTAL</b>				<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>DELAWARE</b>									
IWW DELAWARE RIVER TO CHESAPEAKE BAY DE, MD	8160	Deep Draft Single Purpose	NAP	14,349	13,318	1,031	0	0	13,318
C&D CANAL - ST. GEORGES BRIDGE REPLACEMENT	8215	Deep Draft Single Purpose	NAP	3,300	3,300	0	0	0	3,300
WILMINGTON HARBOR	20040	Deep Draft Single Purpose	NAP	7,106	6,986	120	0	0	6,986
<b>SUBTOTAL</b>				<b>24,755</b>	<b>23,604</b>	<b>1,151</b>	<b>0</b>	<b>0</b>	<b>23,604</b>
<b>DISTRICT OF COLUMBIA</b>									
POTOMAC RIV BELOW WASH	294	Deep Draft Single Purpose	NAB	1,920	1,920	0	0	0	1,920
WASHINGTON HARBOR	19500	Deep Draft Single Purpose	NAB	30	30	0	0	0	30
<b>SUBTOTAL</b>				<b>1,950</b>	<b>1,950</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,950</b>
<b>FLORIDA</b>									
CANAVERAL HARBOR FL	2520	Deep Draft Single Purpose	SAJ	6,301	6,155	146	0	0	6,155
CHARLOTTE HARBOR FL	3000	Deep Draft Single Purpose	SAJ	4	4	0	0	0	4
FERNANDINA HARBOR FL	5840	Deep Draft Single Purpose	SAJ	1,736	1,732	4	0	0	1,732
FORT PIERCE HARBOR FL	6260	Deep Draft Single Purpose	SAJ	1,619	1,609	10	0	0	1,609
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SAJ	4	0	4	0	0	0
JACKSONVILLE HARBOR FL	8410	Deep Draft Single Purpose	SAJ	3,333	3,333	0	0	0	3,333
MANATEE HARBOR, FL	10166	Deep Draft Single Purpose	SAJ	10	10	0	0	0	10
PALM BEACH HARBOR FL	13590	Deep Draft Single Purpose	SAJ	2,268	1,427	841	0	0	1,427

**APPENDIX B: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
PANAMA CITY HARBOR	13640	Deep Draft Single Purpose	SAM	9	9	0	0	0	9
PENSACOLA HARBOR	13830	Deep Draft Single Purpose	SAM	135	135	0	0	0	135
PORT ST. JOE HARBOR	14390	Deep Draft Single Purpose	SAM	18	18	0	0	0	18
TAMPA HARBOR FL	17960	Deep Draft Single Purpose	SAJ	4,055	3,993	62	0	0	3,993
MIAMI HARBOR FL	74378	Deep Draft Single Purpose	SAJ	665	665	0	0	0	665
ST PETERSBURG HBR	74390	Deep Draft Single Purpose	SAJ	515	496	19	0	0	496
CARRABELLE HARBOR	76018	Deep Draft Single Purpose	SAM	0	0	0	0	0	0
PORT EVERGLADES HARBOR	76031	Deep Draft Single Purpose	SAJ	59	57	2	0	0	57
MIAMI RIVER, FL	76295	Deep Draft Single Purpose	SAJ	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>20,731</b>	<b>19,643</b>	<b>1,088</b>	<b>0</b>	<b>0</b>	<b>19,643</b>
<b>GEORGIA</b>									
BRUNSWICK HARBOR	2080	Deep Draft Single Purpose	SAS	7,035	6,927	56	52	0	6,927
SAVANNAH LONG TERM MGMT STRATEGY	8232	Deep Draft Single Purpose	SAS	0	0	0	0	0	0
SAVANNAH HARBOR	75085	Deep Draft Single Purpose	SAS	13,571	13,503	11	57	0	13,503
<b>SUBTOTAL</b>				<b>20,606</b>	<b>20,430</b>	<b>67</b>	<b>109</b>	<b>0</b>	<b>20,430</b>
<b>HAWAII</b>									
BARBERS PT HBR, HI	910	Deep Draft Single Purpose	POH	109	1	108	0	0	1
HONOLULU HARBOR, OAHU, HI	7660	Deep Draft Single Purpose	POH	0	0	0	0	0	0
KAHULUI HARBOR, MAUI, HI	8660	Deep Draft Single Purpose	POH	56	56	0	0	0	56
NAWILIWILI HARBOR, KAUAI, HI	73336	Deep Draft Single Purpose	POH	0	0	0	0	0	0
PORT ALLEN HARBOR, KAUAI, HI	73338	Deep Draft Single Purpose	POH	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>165</b>	<b>57</b>	<b>108</b>	<b>0</b>	<b>0</b>	<b>57</b>



**APPENDIX B: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ILLINOIS</b>									
CALUMET HARBOR AND RIVER	2410	Deep Draft Single Purpose	LRC	3,322	3,319	3	0	0	3,319
CHICAGO RIVER IL	3810	Deep Draft Single Purpose	LRC	349	342	7	0	0	342
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	8206	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15202	Deep Draft Single Purpose	LRC	160	0	160	0	0	0
SURVEY OF NORTH CENTRAL LAKES	15202	Deep Draft Single Purpose	LRD	203	43	160	0	0	43
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15207	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15208	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
WAUKEGAN HARBOR IL	19560	Deep Draft Single Purpose	LRC	773	773	0	0	0	773
CHICAGO HARBOR	45009	Deep Draft Single Purpose	LRC	2,549	2,548	1	0	0	2,548
<b>SUBTOTAL</b>				<b>7,356</b>	<b>7,025</b>	<b>331</b>	<b>0</b>	<b>0</b>	<b>7,025</b>
<b>INDIANA</b>									
BURNS WATERWAY HARBOR IN	2250	Deep Draft Single Purpose	LRC	949	949	0	0	0	949
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8207	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8209	Deep Draft Single Purpose	LRR	0	0	0	0	0	0
MICHIGAN CITY HARBOR IN	11060	Deep Draft Single Purpose	LRC	1,550	1,550	0	0	0	1,550
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
INDIANA HARBOR	18120	Deep Draft Single Purpose	LRC	426	426	0	0	0	426
<b>SUBTOTAL</b>				<b>2,925</b>	<b>2,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,925</b>
<b>LOUISIANA</b>									
MISS RIVER - BR TO GULF	68	Deep Draft Single Purpose	MVN	31,792	30,910	864	18	0	30,910
ATCH RIVER & BAYOUS CHENE BOEUF & BLACK	680	Deep Draft Single Purpose	MVN	8,292	8,290	2	0	0	8,290

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CALC RIVER & PASS	2440	Deep Draft Single Purpose	MVN	15,433	15,363	70	0	0	15,363
HOUMA NAV CANAL	7760	Deep Draft Single Purpose	MVN	283	283	0	0	0	283
DREDGE WHEELER READY RESERVE	8304	Deep Draft Single Purpose	MVN	7,267	7,267	0	0	0	7,267
MERMENTAU RIVER	11030	Multiple Purpose w/ Allocation	MVN	3,328	3,328	0	0	0	3,328
MISS RIVER - GULF OUTLET (MRGO)	11410	Deep Draft Single Purpose	MVN	15,995	15,992	3	0	0	15,992
<b>SUBTOTAL</b>				<b>82,390</b>	<b>81,433</b>	<b>939</b>	<b>18</b>	<b>0</b>	<b>81,433</b>
<b>MAINE</b>									
PORTLAND HARBOR, MAINE	367	Deep Draft Single Purpose	NAE	20	20	0	0	0	20
DISPOSAL AREA MONITORING	8223	Deep Draft Single Purpose	NAE	846	846	0	0	0	846
KENNEBEC RIVER, ME	8890	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
PENOBSCOT RIVER, ME	56470	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
ROCKLAND HARBOR, ME	73389	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>866</b>	<b>866</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>866</b>
<b>MARYLAND</b>									
BALTIMORE HARBOR & CHANNELS	870	Deep Draft Single Purpose	NAB	4,849	4,849	0	0	0	4,849
BALTIMORE DRIFT REMOVAL	871	Deep Draft Single Purpose	NAB	424	424	0	0	0	424
PREV OF OBST & INJ DEP	872	Deep Draft Single Purpose	NAB	610	610	0	0	0	610
TOLCHESTER CHANNEL, MD	8289	Deep Draft Single Purpose	NAB	152	152	0	0	0	152
POTOMAC DRIFT REMOVAL	14520	Deep Draft Single Purpose	NAB	715	715	0	0	0	715
BALTIMORE HARBOR & CHANNELS	74955	Deep Draft Single Purpose	NAB	17,221	16,145	1,076	0	0	16,145
<b>SUBTOTAL</b>				<b>23,971</b>	<b>22,895</b>	<b>1,076</b>	<b>0</b>	<b>0</b>	<b>22,895</b>
<b>MASSACHUSETTS</b>									
GLOUCESTER HBR. & ANNISQUAM RIV, MA	416	Deep Draft Single Purpose	NAE	14	14	0	0	0	14
NEW BEDFORD AND FAIRHAVEN HARBOR	432	Deep Draft Single Purpose	NAE	3	3	0	0	0	3

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SALEM HARBOR, MASS	439	Deep Draft Single Purpose	NAE	23	23	0	0	0	23
BOSTON HARBOR, MA	1960	Deep Draft Single Purpose	NAE	1,420	1,218	202	0	0	1,218
CAPE COD CANAL	2620	Deep Draft Single Purpose	NAE	11,552	8,922	2,630	0	0	8,922
LYNN HARBOR, MA	10023	Deep Draft Single Purpose	NAE	200	200	0	0	0	200
PLYMOUTH HARBOR, MA	14200	Deep Draft Single Purpose	NAE	46	46	0	0	0	46
<b>SUBTOTAL</b>				<b>13,258</b>	<b>10,426</b>	<b>2,832</b>	<b>0</b>	<b>0</b>	<b>10,426</b>
<b>MICHIGAN</b>									
BLACK RIVER PORT HURON MICHIGAN	1110	Deep Draft Single Purpose	LRE	46	46	0	0	0	46
CHANNELS IN LAKE ST. CLAIR MICHIGAN	2940	Deep Draft Single Purpose	LRE	83	83	0	0	0	83
CHARLEVOIX HARBOR MICHIGAN	2990	Deep Draft Single Purpose	LRE	88	88	0	0	0	88
DETROIT RIVER MICHIGAN	4710	Deep Draft Single Purpose	LRE	3,383	3,382	1	0	0	3,382
FRANKFORT HARBOR MICHIGAN	6130	Deep Draft Single Purpose	LRE	167	167	0	0	0	167
GRAND HAVEN HARBOR MICHIGAN	6670	Deep Draft Single Purpose	LRE	439	438	1	0	0	438
GRAND HAVEN HARBOR - MITIGATION OF SHORE DAMAGE	6671	Deep Draft Single Purpose	LRE	86	86	0	0	0	86
HARBOR BEACH HARBOR MICHIGAN	7300	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
HOLLAND HARBOR MICHIGAN	7610	Deep Draft Single Purpose	LRE	781	781	0	0	0	781
HOLLAND HARBOR - MITIGATION OF SHORE DAMAGE	7611	Deep Draft Single Purpose	LRE	67	67	0	0	0	67
INTERNATIONAL BOUNDARY ACTIVITY	8189	Deep Draft Single Purpose	LRD	107	17	90	0	0	17
GREAT LAKES SEDIMENT TRANSPORT MODELS	8266	Deep Draft Single Purpose	LRD	395	181	0	214	0	181
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	LRE	4	0	4	0	0	0
KEWEENAW WATERWAY MICHIGAN	8960	Deep Draft Single Purpose	LRE	221	220	1	0	0	220
LUDINGTON HARBOR MICHIGAN	10270	Deep Draft Single Purpose	LRE	1,126	1,126	0	0	0	1,126
LUDINGTON HARBOR-MITIGATION	10271	Deep Draft Single Purpose	LRE	5	5	0	0	0	5
MANISTEE HARBOR MICHIGAN	10480	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
MANISTIQUE HARBOR MICHIGAN	10490	Deep Draft Single Purpose	LRE	2,036	2,036	0	0	0	2,036

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MONROE HARBOR MICHIGAN	11760	Deep Draft Single Purpose	LRE	179	179	0	0	0	179
MUSKEGON HARBOR MICHIGAN	12060	Deep Draft Single Purpose	LRE	208	208	0	0	0	208
MUSKEGON HBR SHORE DAM	12061	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ONTONAGON HARBOR MICHIGAN	13330	Deep Draft Single Purpose	LRE	415	379	36	0	0	379
PENTWATER HARBOR MICHIGAN	13850	Deep Draft Single Purpose	LRE	3,818	3,796	22	0	0	3,796
SURVEY OF NORTH CENTRAL LAKES	15201	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
ROUGE RIVER MICHIGAN	15590	Deep Draft Single Purpose	LRE	124	124	0	0	0	124
SOUTH HAVEN HARBOR MICHIGAN	17180	Deep Draft Single Purpose	LRE	350	350	0	0	0	350
SOUTH HAVEN HARBOR - MITIGATION OF SHORE DAMAGE	17181	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ST. CLAIR RIVER MICHIGAN	17300	Deep Draft Single Purpose	LRE	798	796	2	0	0	796
ST. JOSEPH HARBOR MICHIGAN	17350	Deep Draft Single Purpose	LRE	492	492	0	0	0	492
ST. JOSEPH HARBOR - MITIGATION OF SHORE DAMAGE	17351	Deep Draft Single Purpose	LRE	124	124	0	0	0	124
ST. MARYS RIVER MICHIGAN	17380	Deep Draft Multiple Purpose w/o Alloc	LRE	20,855	17,137	1,956	1,762	0	17,137
WHITE LAKE HARBOR MICHIGAN	19810	Deep Draft Single Purpose	LRE	74	74	0	0	0	74
PORTAGE LAKE HARBOR MICHIGAN	21530	Deep Draft Single Purpose	LRE	146	146	0	0	0	146
MENOMINEE HARBOR MICHIGAN & WISCONSIN	45044	Deep Draft Single Purpose	LRE	167	167	0	0	0	167
SURVEILLANCE OF NORTHERN BOUDNARY WATERS	46027	Deep Draft Single Purpose	LRE	2,799	2,799	0	0	0	2,799
INTERNATIONAL WATER STUDIES	46028	Deep Draft Single Purpose	LRE	304	304	0	0	0	304
GRAND MARAIS HARBOR MICHIGAN	46064	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
MARQUETTE HARBOR MICHIGAN	48013	Deep Draft Single Purpose	LRE	182	182	0	0	0	182
SAGINAW RIVER MICHIGAN	57420	Deep Draft Single Purpose	LRE	1,022	1,022	0	0	0	1,022
WHITE LAKE HARBOR - MITIGATION OF SHORE DAMAGE	74176	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ALPENA HARBOR MICHIGAN	74196	Deep Draft Single Purpose	LRE	762	744	18	0	0	744
<b>SUBTOTAL</b>				<b>41,853</b>	<b>37,746</b>	<b>2,131</b>	<b>1,976</b>	<b>0</b>	<b>37,746</b>

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<b>MINNESOTA</b>									
DULUTH-SUPERIOR HARBOR MINNESOTA	5050	Deep Draft Single Purpose	LRE	2,331	1,900	410	21	0	1,900
ALTERNATIVE TECHNOLOGY PROJECT, MN	8276	Deep Draft Single Purpose	LRE	292	292	0	0	0	292
GRAND MARAIS HARBOR MINNESOTA	99871	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>2,623</b>	<b>2,192</b>	<b>410</b>	<b>21</b>	<b>0</b>	<b>2,192</b>
<b>MISSISSIPPI</b>									
GULFPORT HARBOR	7150	Deep Draft Single Purpose	SAM	2,829	2,829	0	0	0	2,829
PASCAGOULA HARBOR	13680	Deep Draft Single Purpose	SAM	9,342	9,342	0	0	0	9,342
<b>SUBTOTAL</b>				<b>12,171</b>	<b>12,171</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,171</b>
<b>NEW HAMPSHIRE</b>									
PORTSMOUTH HARBOR, PISCATAQUA RIVER, NH & ME	512	Deep Draft Single Purpose	NAE	41	41	0	0	0	41
<b>SUBTOTAL</b>				<b>41</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>
<b>NEW JERSEY</b>									
DELAWARE RIVER, PHILADELPHIA TO TRENTON NJ	4550	Deep Draft Single Purpose	NAP	2,636	2,593	43	0	0	2,593
DELAWARE RIVER PHILADELPHIA TO THE SEA, PA NJ DE	4570	Deep Draft Single Purpose	NAP	16,890	16,458	431	1	0	16,458
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAP	4	0	4	0	0	0
NEWARK BAY HACKENSACK & PASSAIC RVS NJ	12550	Deep Draft Single Purpose	NAN	153	153	0	0	0	153
RARITAN RIVER	14860	Deep Draft Single Purpose	NAN	2,418	2,418	0	0	0	2,418
RARITAN RIVER TO ARTHUR KILL CUT-OFF	21870	Deep Draft Single Purpose	NAN	973	973	0	0	0	973
COLD SPRING INLET	22140	Deep Draft Single Purpose	NAP	483	483	0	0	0	483
SALEM RIVER	24950	Deep Draft Single Purpose	NAP	1,065	1,005	60	0	0	1,005
DELAWARE RIVER AT CAMDEN	43005	Deep Draft Single Purpose	NAP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>24,622</b>	<b>24,083</b>	<b>538</b>	<b>1</b>	<b>0</b>	<b>24,083</b>

**APPENDIX B: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>NEW YORK</b>									
BAYRIDGE & RED HOOK CHANNELS NY	1040	Deep Draft Single Purpose	NAN	17	17	0	0	0	17
BLACK ROCK CHANNEL AND TONAWANDA HARBOR	1660	Deep Draft Single Purpose	LRB	1,907	1,864	43	0	0	1,864
BUFFALO HARBOR	2140	Deep Draft Single Purpose	LRB	656	625	31	0	0	625
GREAT SODUS BAY HARBOR	6860	Deep Draft Single Purpose	LRB	266	263	3	0	0	263
HUDSON RIVER CHANNEL	7800	Deep Draft Single Purpose	NAN	170	170	0	0	0	170
HUDSON RIVER NY (MAINT)	7810	Deep Draft Single Purpose	NAN	679	679	0	0	0	679
HUDSON RIVER NY (O&C)	7820	Deep Draft Single Purpose	NAN	1,037	1,026	11	0	0	1,026
SURVY OF NORTH CNTRL LAKES, NY	8203	Deep Draft Single Purpose	LRB	262	262	0	0	0	262
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	8204	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	8205	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
BUFFALO HARBOR ENVIRONMENTAL DREDGING	8277	Deep Draft Single Purpose	LRB	26	26	0	0	0	26
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAN	4	0	4	0	0	0
LITTLE SODUS BAY HARBOR	9970	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
NEW YORK HARBOR	12490	Deep Draft Single Purpose	NAN	3,834	3,834	0	0	0	3,834
NEW YORK HARBOR NY (DRIFT REMOVAL)	12500	Deep Draft Single Purpose	NAN	4,855	4,855	0	0	0	4,855
NEW YORK & NEW JERSEY CHANNELS	12520	Deep Draft Single Purpose	NAN	669	669	0	0	0	669
OSWEGO HARBOR	13440	Deep Draft Single Purpose	LRB	892	857	35	0	0	857
LONG ISLAND SOUND, CT AND NY	14032	Deep Draft Single Purpose	NAE	1,566	1,566	0	0	0	1,566
INTERNATIONAL WATER STUDIES	15204	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
ROCHESTER HARBOR	15390	Deep Draft Single Purpose	LRB	24	24	0	0	0	24
PREVENTION OF OBSTRUCTIVE DEPOSITS NY	17760	Deep Draft Single Purpose	NAN	869	869	0	0	0	869
BUTTERMILK CHANNEL	41015	Deep Draft Single Purpose	NAN	1,084	1,084	0	0	0	1,084
FLUSHING BAY & CREEK	41016	Deep Draft Single Purpose	NAN	293	293	0	0	0	293
EAST RIVER	41062	Deep Draft Single Purpose	NAN	242	242	0	0	0	242
DUNKIRK HARBOR	50600	Deep Draft Single Purpose	LRB	413	413	0	0	0	413

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
JAMAICA BAY	54000	Deep Draft Single Purpose	NAN	471	471	0	0	0	471
<b>SUBTOTAL</b>				<b>20,236</b>	<b>20,109</b>	<b>127</b>	<b>0</b>	<b>0</b>	<b>20,109</b>
<b>NORTH CAROLINA</b>									
BEAUFORT HARBOR NC	1210	Deep Draft Single Purpose	SAW	0	0	0	0	0	0
CAPE FEAR RIVER ABOVE WILMINGTON NC	2640	Deep Draft Single Purpose	SAW	737	615	122	0	0	615
MOREHEAD CITY HARBOR NC	11810	Deep Draft Single Purpose	SAW	5,578	5,578	0	0	0	5,578
WILMINGTON HARBOR NC	20030	Deep Draft Single Purpose	SAW	6,319	6,319	0	0	0	6,319
<b>SUBTOTAL</b>				<b>12,634</b>	<b>12,512</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>12,512</b>
<b>OHIO</b>									
ASHTABULA HARBOR	650	Deep Draft Single Purpose	LRB	656	656	0	0	0	656
CLEVELAND HARBOR	3430	Deep Draft Single Purpose	LRB	5,734	5,724	10	0	0	5,724
CONNEAUT HARBOR	3770	Deep Draft Single Purpose	LRB	570	566	4	0	0	566
FAIRPORT HARBOR	5760	Deep Draft Single Purpose	LRB	1,617	1,617	0	0	0	1,617
HURON HARBOR	7920	Deep Draft Single Purpose	LRB	652	652	0	0	0	652
LORAIN HARBOR	10060	Deep Draft Single Purpose	LRB	1,208	1,208	0	0	0	1,208
INTERNATIONAL WATER STUDIES	15205	Deep Draft Single Purpose	LRB	389	0	389	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15210	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SANDUSKY HARBOR	16260	Deep Draft Single Purpose	LRB	960	0	0	0	0	0
TOLEDO HARBOR	18280	Deep Draft Single Purpose	LRB	2,734	2,734	0	0	0	2,734
<b>SUBTOTAL</b>				<b>14,520</b>	<b>13,157</b>	<b>403</b>	<b>0</b>	<b>0</b>	<b>13,157</b>
<b>OREGON</b>									
COLUMBIA RIVER AT MOUTH, OR & WA	3600	Deep Draft Single Purpose	NWP	7,114	7,114	0	0	0	7,114
COLUMBIA R BETWEEN VANCOUVER WA & THE DALLES OR	3620	Deep Draft Single Purpose	NWP	570	569	1	0	0	569

**APPENDIX B: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
C&LW RIVERS BELOW VANCOUVER WA & PORTLAND OR	3630	Deep Draft Single Purpose	NWP	18,229	18,226	3	0	0	18,226
COOS BAY OR	3840	Deep Draft Single Purpose	NWP	4,651	4,650	1	0	0	4,650
PORT ORFORD OR	14370	Deep Draft Single Purpose	NWP	430	404	26	0	0	404
SIUSLAW RIVER OR	16860	Deep Draft Single Purpose	NWP	292	292	0	0	0	292
SKIPANON CHANNEL OR	16930	Deep Draft Single Purpose	NWP	1,272	1,272	0	0	0	1,272
TILLAMOOK BAY AND BAR OR	18230	Deep Draft Single Purpose	NWP	292	292	0	0	0	292
UMPQUA RIVER OR	18750	Deep Draft Single Purpose	NWP	709	709	0	0	0	709
YAQUINA BAY & HARBOR OR	20290	Deep Draft Single Purpose	NWP	640	640	0	0	0	640
INTERNATIONAL WATER STUDIES	53904	Deep Draft Single Purpose	NWD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS - NPD	53905	Deep Draft Single Purpose	NWD	108	107	0	1	0	107
BONNEVILLE LOCK & DAM-LAKE BONNEVILLE	80546	Deep Draft Multiple Purpose w/ Alloc	NWP	17,743	839	13,036	3,868	1,934	2,773
<b>SUBTOTAL</b>				<b>52,050</b>	<b>35,114</b>	<b>13,067</b>	<b>3,869</b>	<b>1,934</b>	<b>37,048</b>
<b>PENNSYLVANIA</b>									
ERIE HARBOR	5600	Deep Draft Single Purpose	LRB	109	109	0	0	0	109
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	8201	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	8202	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SCHUYLKILL RIVER	16550	Deep Draft Single Purpose	NAP	1,544	1,507	37	0	0	1,507
<b>SUBTOTAL</b>				<b>1,653</b>	<b>1,616</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>1,616</b>
<b>PUERTO RICO</b>									
SAN JUAN HARBOR, PR	16190	Deep Draft Single Purpose	SAJ	1,454	1,454	0	0	0	1,454
ARECIBO HARBOR, PR	20500	Deep Draft Single Purpose	SAJ	2,023	2,023	0	0	0	2,023
<b>SUBTOTAL</b>				<b>3,477</b>	<b>3,477</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,477</b>



**APPENDIX B: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>RHODE ISLAND</b>									
GREAT SALT POND, BLOCK ISLAND, RI	559	Deep Draft Single Purpose	NAE	201	187	14	0	0	187
PROVIDENCE RIVER & HARBOR	566	Deep Draft Single Purpose	NAE	1,568	1,261	307	0	0	1,261
SAKONNET HBR R.I.	568	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
HARBOR OF REFUGE, BLOCK ISLAND	73445	Deep Draft Single Purpose	NAE	599	599	0	0	0	599
<b>SUBTOTAL</b>				<b>2,368</b>	<b>2,047</b>	<b>321</b>	<b>0</b>	<b>0</b>	<b>2,047</b>
<b>SOUTH CAROLINA</b>									
CHARLESTON HARBOR SC	2980	Deep Draft Single Purpose	SAC	3,859	3,859	0	0	0	3,859
GEORGETOWN HARBOR SC	6480	Deep Draft Single Purpose	SAC	5,279	5,279	0	0	0	5,279
CHARLESTON HARBOR REDIVERSION (FISH LIFT), SC	8221	Deep Draft Single Purpose	SAC	1,404	6	1,398	0	0	6
PORT ROYAL HARBOR SC	14380	Deep Draft Single Purpose	SAC	1,776	1,776	0	0	0	1,776
SHIPYARD RIVER SC	16730	Deep Draft Single Purpose	SAC	425	425	0	0	0	425
COOPER RIVER CHARLESTON HARBOR SC	74354	Deep Draft Single Purpose	SAC	3,347	2,974	373	0	0	2,974
<b>SUBTOTAL</b>				<b>16,090</b>	<b>14,319</b>	<b>1,771</b>	<b>0</b>	<b>0</b>	<b>14,319</b>
<b>TEXAS</b>									
BRAZOS ISLAND HARBOR	1990	Deep Draft Single Purpose	SWG	392	392	0	0	0	392
CHANNEL TO PORT BOLIVAR	2930	Deep Draft Single Purpose	SWG	139	139	0	0	0	139
FREEPORT HARBOR	6170	Deep Draft Single Purpose	SWG	4,947	4,946	1	0	0	4,946
GALVESTON HARBOR AND CHANNEL	6340	Deep Draft Single Purpose	SWG	6,698	6,698	0	0	0	6,698
HOUSTON SHIP CHANNEL	7780	Deep Draft Single Purpose	SWG	7,713	7,712	1	0	0	7,712
CHANNEL TO RED BLUFF, TX	8213	Deep Draft Single Purpose	SWG	0	0	0	0	0	0
MSC, CHANNEL TO RED BLUFF	8213	Deep Draft Single Purpose	SWG	0	0	0	0	0	0
MATAGORDA SHIP CHANNEL	10810	Deep Draft Single Purpose	SWG	1,396	1,396	0	0	0	1,396
CORPUS CHRISTI SHIP CHANNEL	14340	Deep Draft Single Purpose	SWG	694	694	0	0	0	694
SABINE-NECHES WATERWAY	15780	Deep Draft Single Purpose	SWG	11,233	11,223	10	0	0	11,223

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
TEXAS CITY CHANNEL	18130	Deep Draft Single Purpose	SWG	42	42	0	0	0	42
BAYPORT SHIP CHANNEL	88910	Deep Draft Single Purpose	SWG	733	733	0	0	0	733
GREENS BAYOU CHANNEL	88911	Deep Draft Single Purpose	SWG	77	77	0	0	0	77
BARBOUR TERMINAL SHIP CHANNEL	88912	Deep Draft Single Purpose	SWG	15	15	0	0	0	15
<b>SUBTOTAL</b>				<b>34,079</b>	<b>34,067</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>34,067</b>
<b>VIRGINIA</b>									
POTOMAC RIVER AT ALEXANDRIA	597	Deep Draft Single Purpose	NAB	864	864	0	0	0	864
DRIFT REMOVAL,HAMPTON ROADS(N.N.&NORFOLK HBR),VA	1002	Deep Draft Single Purpose	NAO	900	900	0	0	0	900
JAMES RIVER , VIRGINIA	8430	Deep Draft Single Purpose	NAO	3,543	3,541	2	0	0	3,541
NORFOLK HARBOR , VIRGINIA	12801	Deep Draft Single Purpose	NAO	8,152	8,152	0	0	0	8,152
PREVENTION OF OBSTRUCTIVE DEPOSITS , VIRGINIA	15170	Deep Draft Single Purpose	NAO	274	274	0	0	0	274
CHANNEL TO NEWPORT NEWS , VIRGINIA	73783	Deep Draft Single Purpose	NAO	44	44	0	0	0	44
THIMBLE SHOAL CHANNEL,VA	73800	Deep Draft Single Purpose	NAO	7,064	7,064	0	0	0	7,064
YORK RIVER – VIRGINIA	73803	Deep Draft Single Purpose	NAO	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>20,841</b>	<b>20,839</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>20,839</b>
<b>WASHINGTON</b>									
BELLINGHAM HARBOR WA	1310	Deep Draft Single Purpose	NWS	100	100	0	0	0	100
EVERETT HARBOR AND SNOHOMISH RIVER	5700	Deep Draft Single Purpose	NWS	609	609	0	0	0	609
GRAYS HARBOR AND CHEHALIS RIVER	6770	Deep Draft Single Purpose	NWS	18,715	18,413	302	0	0	18,413
SETTLE HRB, EAST WWY CHAN DEEPENING	8264	Deep Draft Single Purpose	NWS	3,166	3,166	0	0	0	3,166
LAKE WASHINGTON SHIP CANAL	9400	Deep Draft Single Purpose	NWS	7,320	6,570	748	2	0	6,570
PUGET SOUND AND TRIBUTARY WATERS	13970	Deep Draft Single Purpose	NWS	630	630	0	0	0	630
WILLAPA RIVER AND HARBOR	19990	Deep Draft Single Purpose	NWS	2,051	2,051	0	0	0	2,051
FRIDAY HARBOR	24370	Deep Draft Single Purpose	NWS	335	335	0	0	0	335

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
INTERNATIONAL WATER STUDIES	53906	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
OLYMPIA HARBOR	67310	Deep Draft Single Purpose	NWS	16	16	0	0	0	16
SEATTLE HARBOR	67318	Deep Draft Single Purpose	NWS	139	139	0	0	0	139
TACOMA HARBOR	72902	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
LAKE CROCKETT (KEYSTONE HARBOR)	72920	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
EDIZ HOOK	79205	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
KENMORE NAVIGATION CHANNEL	87153	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>33,081</b>	<b>32,029</b>	<b>1,050</b>	<b>2</b>	<b>0</b>	<b>32,029</b>
<b>WISCONSIN</b>									
ASHLAND HARBOR WISCONSIN	630	Deep Draft Single Purpose	LRE	136	136	0	0	0	136
GREEN BAY WISCONSIN	6910	Deep Draft Single Purpose	LRE	1,363	1,358	4	1	0	1,358
KENOSHA HARBOR WISCONSIN	8910	Deep Draft Single Purpose	LRE	196	196	0	0	0	196
MANITOWOC HARBOR WISCONSIN	10510	Deep Draft Single Purpose	LRE	250	250	0	0	0	250
MILWAUKEE HARBOR WISCONSIN	11270	Deep Draft Single Purpose	LRE	1,241	1,241	0	0	0	1,241
PORT WASHINGTON HARBOR WISCONSIN	14420	Deep Draft Single Purpose	LRE	44	44	0	0	0	44
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
STURGEON BAY WISCONSIN	17660	Deep Draft Single Purpose	LRE	352	282	70	0	0	282
TWO RIVERS HARBOR WISCONSIN	18710	Deep Draft Single Purpose	LRE	251	251	0	0	0	251
OCONTO HARBOR WISCONSIN	23370	Deep Draft Single Purpose	LRE	91	91	0	0	0	91
SHEBOYGAN HARBOR WISCONSIN	66700	Deep Draft Single Purpose	LRE	123	123	0	0	0	123
GREEN BAY HARBOR - DIKE DISPOSAL	74180	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
PORT WING HARBOR WISCONSIN	74190	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
KEWAUNEE HARBOR WISCONSIN	76050	Deep Draft Single Purpose	LRE	718	718	0	0	0	718
<b>SUBTOTAL</b>				<b>4,765</b>	<b>4,690</b>	<b>74</b>	<b>1</b>	<b>0</b>	<b>4,690</b>
<b>TOTAL</b>				<b>568,822</b>	<b>528,293</b>	<b>33,565</b>	<b>6,004</b>	<b>1,934</b>	<b>530,227</b>

**APPENDIX B: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU CODEN	74520	Shallow Draft Single Purpose	SAM	8	8	0	0	0	8
BON SECOUR RIVER	76060	Shallow Draft Single Purpose	SAM	26	26	0	0	0	26
DAUPHIN ISLAND BAY	4480	Shallow Draft Single Purpose	SAM	1,262	1,262	0	0	0	1,262
DOG AND FOWL RIVERS	20710	Shallow Draft Single Purpose	SAM	12	12	0	0	0	12
FLY CREEK	5970	Shallow Draft Single Purpose	SAM	-12	-12	0	0	0	-12
PERDIDO PASS CHANNEL	13880	Shallow Draft Single Purpose	SAM	39	39	0	0	0	39
PROJECT CONDITION SURVEYS	14616	Shallow Draft Single Purpose	SAM	291	291	0	0	0	291
<b>SUBTOTAL</b>				<b>1,626</b>	<b>1,626</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,626</b>
<b>ALASKA</b>									
DILLINGHAM SMALL BOAT HARBOR	4800	Shallow Draft Single Purpose	POA	382	370	12	0	0	370
DOUGLAS HARBOR	72789	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
NAKNEK RIVER	72756	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
NINILCHIK HARBOR	12640	Shallow Draft Single Purpose	POA	196	196	0	0	0	196
NOME HARBOR	72742	Shallow Draft Single Purpose	POA	445	444	1	0	0	444
PROJECT CONDITION SURVEYS	14613	Shallow Draft Single Purpose	POA	480	480	0	0	0	480
PROJECT CONDITION SURVEYS, AK	76502	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
WRANGELL HARBOR	21500	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,503</b>	<b>1,490</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>1,490</b>
<b>ARKANSAS</b>									
HELENA HARBOR	7440	Shallow Draft Single Purpose	MVM	81	81	0	0	0	81
HELENA HARBOR, PHILLIPS COUNTY, AR	7441	Shallow Draft Single Purpose	MVM	81	46	35	0	0	46
JACKSON PORT STATE PARK	87076	Shallow Draft Single Purpose	SWL	35	35	0	0	0	35
OSCEOLA HARBOR	13430	Shallow Draft Single Purpose	MVM	513	513	0	0	0	513

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**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
YELLOW BEND PORT, AR	87282	Shallow Draft Single Purpose	MVK	382	382	0	0	0	382
<b>SUBTOTAL</b>				<b>1,092</b>	<b>1,057</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>1,057</b>
<b>CALIFORNIA</b>									
BODEGA BAY, CA	1850	Shallow Draft Single Purpose	SPN	18	18	0	0	0	18
LARKSPUR FERRY CHANNEL, CA	75536	Shallow Draft Single Purpose	SPN	131	131	0	0	0	131
NOYO RIVER AND HARBOR	12940	Shallow Draft Single Purpose	SPN	457	457	0	0	0	457
PETALUMA RIVER	13940	Shallow Draft Single Purpose	SPN	3	3	0	0	0	3
PILLAR POINT (HALFMOON BAY) HARBOR	74701	Shallow Draft Single Purpose	SPN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS CA	14618	Shallow Draft Single Purpose	SPL	181	170	11	0	0	170
PROJECT CONDITION SURVEYS (SPN)	14619	Shallow Draft Single Purpose	SPN	907	907	0	0	0	907
PROJECT CONDITION SURVEYS, CA	76506	Shallow Draft Single Purpose	SPL	0	0	0	0	0	0
REDONDO BEACH-KING HARBOR	74722	Shallow Draft Single Purpose	SPL	6	6	0	0	0	6
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL)	8187	Shallow Draft Single Purpose	SPK	96	84	12	0	0	84
SACRAMENTO RIVER DEBRIS CONTROL	15810	Shallow Draft Single Purpose	SPK	1,071	179	892	0	0	179
SAN LEANDRO MARINA - JACK D. MALTESTER CHANNEL	76063	Shallow Draft Single Purpose	SPN	0	0	0	0	0	0
SAN RAFAEL CREEK, CA	74709	Shallow Draft Single Purpose	SPN	3	3	0	0	0	3
YUBGA RIVER DEBRIS TREATMENT	20410	Shallow Draft Single Purpose	SPK	90	17	73	0	0	17
<b>SUBTOTAL</b>				<b>2,963</b>	<b>1,975</b>	<b>988</b>	<b>0</b>	<b>0</b>	<b>1,975</b>
<b>CONNECTICUT</b>									
CLINTON HBR CT	39136	Shallow Draft Single Purpose	NAE	162	162	0	0	0	162
FIVE MILE RIVER, CT	5910	Shallow Draft Single Purpose	NAE	1	1	0	0	0	1
GUILFORD HARBOR, GUILFORD,CT	231	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, CT	76509	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>163</b>	<b>163</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>163</b>

**APPENDIX B: TABLE 1S**  
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**OPERATIONS AND MAINTENANCE EXPENDITURES**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>DELAWARE</b>									
CEDAR CREEK	87211	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
INDIAN RIVER INLET & BAY	8110	Shallow Draft Single Purpose	NAP	4	3	1	0	0	3
IWW REHOBOTH BAY TO DELAWARE BAY (LEWES & REHOBOTH CANAL)	8170	Shallow Draft Single Purpose	NAP	58	58	0	0	0	58
MISPILLION RIVER	73857	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
MURDERKILL RIVER	12020	Shallow Draft Single Purpose	NAP	357	337	20	0	0	337
<b>SUBTOTAL</b>				<b>419</b>	<b>398</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>398</b>
<b>FLORIDA</b>									
ANCLOTE RIVER, FL	74478	Shallow Draft Single Purpose	SAJ	1,034	979	55	0	0	979
APALACHICOLA BAY	430	Shallow Draft Single Purpose	SAM	2,256	2,256	0	0	0	2,256
BLACKWATER RIVER	23230	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
CEDAR ISLAND-KEATON BEACH	87215	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
CENTRAL AND SOUTHERN FLORIDA	2860	Shallow Draft Multiple Purpose w/o Alloc	SAJ	18,757	2,899	15,858	0	0	2,899
CHANNEL FROM NAPLES TO BIG MARCO PASS FL	12150	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
CLEARWATER PASS, FLORIDA	3400	Shallow Draft Single Purpose	SAJ	157	157	0	0	0	157
CROSS FLORIDA BARGE CANAL	4300	Shallow Draft Single Purpose	SAJ	6	6	0	0	0	6
EAST PASS CHANNEL	4980	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
ESCAMBIA-CONECUH RIVERS	5620	Shallow Draft Single Purpose	SAM	54	54	0	0	0	54
FORT MYERS BEACH FL	6220	Shallow Draft Single Purpose	SAJ	155	155	0	0	0	155
HORSESHOE COVE, FL	74495	Shallow Draft Single Purpose	SAJ	118	102	16	0	0	102
IWW CALOOSAHATCHEE R TO ANCLOTE R	2480	Shallow Draft Single Purpose	SAJ	187	187	0	0	0	187
JOHNS PASS, FL	1001	Shallow Draft Single Purpose	SAJ	522	522	0	0	0	522
LA GRANGE BAYOU	9280	Shallow Draft Single Purpose	SAM	1	1	0	0	0	1
LONG BOAT PASS, FL	23100	Shallow Draft Single Purpose	SAJ	60	60	0	0	0	60
NEW PASS, FL	74483	Shallow Draft Single Purpose	SAJ	51	51	0	0	0	51

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OKEECHOBEE WATERWAY FL	13240	Shallow Draft Single Purpose	SAJ	6,224	5,169	1,055	0	0	5,169
OKLAWAHA RIVER FL	13250	Shallow Draft Single Purpose	SAJ	38	38	0	0	0	38
PANACEA HARBOR	7511	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
PONCE DE LEON INLET FL	14310	Shallow Draft Single Purpose	SAJ	5,872	5,871	1	0	0	5,871
PROJECT CONDITION SURVEYS	14615	Shallow Draft Single Purpose	SAJ	1,053	1,053	0	0	0	1,053
REMOVAL OF AQUATIC GROWTH, FL	15180	Shallow Draft Single Purpose	SAJ	3,793	3,793	0	0	0	3,793
ST LUCIE INLET FL	17370	Shallow Draft Single Purpose	SAJ	2,505	2,505	0	0	0	2,505
ST. AUGUSTINE HARBOR, FL	75027	Shallow Draft Single Purpose	SAJ	375	375	0	0	0	375
ST. MARKS RIVER	74542	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
STEINHATCHEE RIVER	74508	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
SUWANNEE RIVER	74391	Shallow Draft Single Purpose	SAJ	61	61	0	0	0	61
WITHLACOOCHEE RIVER	74393	Shallow Draft Single Purpose	SAJ	10	10	0	0	0	10
<b>SUBTOTAL</b>				<b>43,289</b>	<b>26,304</b>	<b>16,985</b>	<b>0</b>	<b>0</b>	<b>26,304</b>
<b>GEORGIA</b>									
HARTWELL LAKE	7380	Shallow Draft Multiple Purpose w/ Alloc	SAS	10,300	-110	7,941	2,469	115	5
J STROM THURMOND DAM & RES	3350	Shallow Draft Multiple Purpose w/ Alloc	SAS	10,116	-3,338	10,115	3,339	267	-3,071
SAVANNAH RIVER BELOW AUGUSTA	16450	Shallow Draft Single Purpose	SAS	184	171	0	13	0	171
<b>SUBTOTAL</b>				<b>20,600</b>	<b>-3,277</b>	<b>18,056</b>	<b>5,821</b>	<b>382</b>	<b>-2,895</b>
<b>HAWAII</b>									
HALEIWA SMALL BOAT HBR, OAHU, HI	73356	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
MANELE SB HARBOR, LANAI, HI	21050	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, HI	76515	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
PROJECT CONDITION SURVEY	14620		POH	667	667	0	0	0	667
<b>SUBTOTAL</b>				<b>667</b>	<b>667</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>667</b>

**APPENDIX B: TABLE 1S**  
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**OPERATIONS AND MAINTENANCE EXPENDITURES**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ILLINOIS</b>									
ANDALUSIA HARBOR, IL	88826	Shallow Draft Single Purpose	MVR	58	58	0	0	0	58
ILLINOIS AND MISSISSIPPI CANAL IL	47032	Shallow Draft	MVR	1,163	0	1,163	0	0	0
LAKE MICHIGAN DIVERSION	8218	Shallow Draft Single Purpose	LRC	801	801	0	0	0	801
PROJECT CONDITION SURVEY	14611	Shallow Draft Single Purpose	LRC	86	85	1	0	0	85
<b>SUBTOTAL</b>				<b>2,108</b>	<b>944</b>	<b>1,164</b>	<b>0</b>	<b>0</b>	<b>944</b>
<b>INDIANA</b>									
BURNS WATERWAY SBH	87387	Shallow Draft Single Purpose	LRC	1,858	1,858	0	0	0	1,858
<b>SUBTOTAL</b>				<b>1,858</b>	<b>1,858</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,858</b>
<b>IOWA</b>									
FT. MADISON, IA	88828	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>KENTUCKY</b>									
BIG SANDY HARBOR	10222	Shallow Draft Single Purpose	LRH	849	849	0	0	0	849
ELVIS STAHR HARBOR, PORT OF HICKMAN	22020	Shallow Draft Single Purpose	MVM	577	577	0	0	0	577
<b>SUBTOTAL</b>				<b>1,426</b>	<b>1,426</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,426</b>
<b>LOUISIANA</b>									
BARATARIA BAY WATERWAY	900	Shallow Draft Single Purpose	MVN	822	822	0	0	0	822
BATON ROUGE HARBOR (DEVIL'S SWAMP)	77053	MR&T Single Purpose	MVN	325	325	0	0	0	325
BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY	2310	Shallow Draft Single Purpose	MVN	12	12	0	0	0	12
BAYOU SEGNETTE WATERWAY, LA	24	Shallow Draft Single Purpose	MVN	29	29	0	0	0	29
BAYOU TECHE LA	1150	Shallow Draft Single Purpose	MVN	2,484	2,350	134	0	0	2,350



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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
BAYOU TECHE & VERMILION RIVER,LA	1160	Shallow Draft Single Purpose	MVN	50	50	0	0	0	50
CADDO LAKE	2330	Shallow Draft Multiple Purpose w/o Alloc	MVK	111	2	109	0	0	2
CHEFUNCTE RIVER	174	Shallow Draft Single Purpose	MVN	121	121	0	0	0	121
FRESHWATER BAYOU	6200	Shallow Draft Single Purpose	MVN	3,311	3,311	0	0	0	3,311
LAKE PROVIDENCE HARBOR LA	9360	Shallow Draft Single Purpose	MVK	667	667	0	0	0	667
MADISON PARISH PORT LA	87168	Shallow Draft Single Purpose	MVK	192	192	0	0	0	192
MISS RIVER OUTLETS AT VENICE LA	63	Shallow Draft Single Purpose	MVN	3,219	3,219	0	0	0	3,219
PROJECT CONDITION SURVEYS	14602	Shallow Draft Single Purpose	MVN	31	31	0	0	0	31
REMOVAL OF AQUATIC GROWTH	15171	Shallow Draft Single Purpose	MVN	1,540	1,540	0	0	0	1,540
TANGIPAHOA RIVER	17970	Shallow Draft Single Purpose	MVN	421	421	0	0	0	421
WATERWAY FROM EMPIRE, LA TO THE GULF OF MEXICO	202	Shallow Draft Single Purpose	MVN	3	3	0	0	0	3
WATERWAY FROM IWW TO B DULAC	188	Shallow Draft Single Purpose	MVN	20	20	0	0	0	20
<b>SUBTOTAL</b>				<b>13,358</b>	<b>13,115</b>	<b>243</b>	<b>0</b>	<b>0</b>	<b>13,115</b>
<b>MAINE</b>									
BELFAST HARBOR, ME	21750	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
INTL. ST. CROIX RVR BOARD	53902	Shallow Draft Single Purpose	NAE	20	20	0	0	0	20
INTL. WATER ST. CROIX RVR BOARD	53903	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
KENNEBUNK RIVER, ME	8900	Shallow Draft Single Purpose	NAE	5	5	0	0	0	5
NARRAGUAGUS RIVER, ME	359	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, ME	76523	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
UNION RIVER, ME	387	Shallow Draft Single Purpose	NAE	73	73	0	0	0	73
WELLS HARBOR, ME	39023	Shallow Draft Single Purpose	NAE	393	393	0	0	0	393
<b>SUBTOTAL</b>				<b>491</b>	<b>491</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>491</b>
<b>MARYLAND</b>									
CHESTER RIVER	73557	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
CRISFIELD HARBOR	73559	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
DUCK POINT	73580	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
FISHING CREEK MD	73584	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
HERRING BAY AND ROCKHOLD CREEK	73585	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
HONGA RIVER & TAR BAY	22690	Shallow Draft Single Purpose	NAB	853	853	0	0	0	853
KNAPPS NARROWS	73589	Shallow Draft Single Purpose	NAB	677	677	0	0	0	677
LITTLE WICOMICO RIVER	9980	Shallow Draft Single Purpose	NAB	36	36	0	0	0	36
LOWER THOROFARE DEAL ISLAND MD	73592	Shallow Draft Single Purpose	NAB	-3	-3	0	0	0	-3
MUDDY HOOK & TYLER COVES	40025	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
NANTICOKE AT NANTICOKE	73564	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
NANTICOKE RIVER NORTHWEST FORK	73549	Shallow Draft Single Purpose	NAB	14	14	0	0	0	14
NEALE SOUND MD	73566	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
NORTHEAST RIVER	27009	Shallow Draft Single Purpose	NAB	174	171	3	0	0	171
OCEAN CITY HARBOR & INLET & SINEPUXENT	73567	Shallow Draft Single Purpose	NAB	249	249	0	0	0	249
POCOMOKE RIVER	73570	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14604	Shallow Draft Single Purpose	NAB	344	344	0	0	0	344
RHODES PT TO TYLERTON	73574	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
SHALLOW CREEK, MD	87544	Shallow Draft Single Purpose	NAB	85	85	0	0	0	85
ST JEROME	73579	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
TWITCH COVE & BIG THOROFARE	73602	Shallow Draft Single Purpose	NAB	553	553	0	0	0	553
UPPER THOROFARE RIVER MD	73604	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
WICOMICO RIVER	73606	Shallow Draft Single Purpose	NAB	220	220	0	0	0	220
<b>SUBTOTAL</b>				<b>3,202</b>	<b>3,199</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3,199</b>
<b>MASSACHUSETTS</b>									
ANDREWS RIVER	87009	Shallow Draft Single Purpose	NAE	52	52	0	0	0	52

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AUNT LYDIAS COVE, MA	87674	Shallow Draft Single Purpose	NAE	293	293	0	0	0	293
CHATHAM (STAGE) HARBOR	39001	Shallow Draft Single Purpose	NAE	205	205	0	0	0	205
COHASSET HARBOR, MA	3560	Shallow Draft Single Purpose	NAE	260	260	0	0	0	260
CUTTYHUNK HARBOR	409	Shallow Draft Single Purpose	NAE	190	190	0	0	0	190
GREEN HARBOR	6920	Shallow Draft Single Purpose	NAE	332	332	0	0	0	332
HYANNIS HARBOR, MA	421	Shallow Draft Single Purpose	NAE	60	60	0	0	0	60
NEWBURYPORT HARBOR	39018	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14607	Shallow Draft Single Purpose	NAE	3,381	3,380	1	0	0	3,380
PROJECT CONDITION SURVEYS, MA	76525	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
SESUIT HARBOR, MA	8193	Shallow Draft Single Purpose	NAE	57	57	0	0	0	57
<b>SUBTOTAL</b>				<b>4,830</b>	<b>4,829</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4,829</b>
<b>MICHIGAN</b>									
ARCADIA HARBOR MICHIGAN	46063	Shallow Draft Single Purpose	LRE	81	81	0	0	0	81
AU SABLE HARBOR MICHIGAN	770	Shallow Draft Single Purpose	LRE	8	8	0	0	0	8
BAY PORT HARBOR MICHIGAN	76062	Shallow Draft Single Purpose	LRE	9	9	0	0	0	9
BIG BAY HARBOR MICHIGAN	1410	Shallow Draft Single Purpose	LRE	186	186	0	0	0	186
BLACK RIVER UPPER PENINSULA MICHIGAN	1640	Shallow Draft Single Purpose	LRE	6	6	0	0	0	6
BOLLES HARBOR MICHIGAN	87750	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
CASEVILLE HARBOR MICHIGAN	74199	Shallow Draft Single Purpose	LRE	283	283	0	0	0	283
CEDAR RIVER HARBOR, MI	2820	Shallow Draft Single Purpose	LRE	223	223	0	0	0	223
CLINTON RIVER MICHIGAN	3490	Shallow Draft Single Purpose	LRE	107	107	0	0	0	107
GRAND TRAVERSE BAY HARBOR	6730	Shallow Draft Single Purpose	LRE	232	232	0	0	0	232
GREAT LAKES RECREATIONAL BOATING, MI	10661	Shallow Draft Single Purpose	LRE	60	60	0	0	0	60
GREILICKVILLE (TRAVERSE CITY) HARBOR	46103	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
HARRISVILLE HARBOR MICHIGAN	53550	Shallow Draft Single Purpose	LRE	188	188	0	0	0	188
INLAND ROUTE MICHIGAN	48140	Shallow Draft Single Purpose	LRE	222	222	0	0	0	222

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
LAC LABELLE HARBOR MICHIGAN	9210	Shallow Draft Single Purpose	LRE	42	42	0	0	0	42
LELAND HARBOR MICHIGAN	46018	Shallow Draft Single Purpose	LRE	139	139	0	0	0	139
LEXINGTON HARBOR MICHIGAN	74006	Shallow Draft Single Purpose	LRE	229	229	0	0	0	229
LEXINGTON HARBOR - MITIGATION OF SHORE DAMAGE	73909	Shallow Draft Single Purpose	LRE	55	55	0	0	0	55
LITTLE LAKE HARBOR MICHIGAN	9890	Shallow Draft Single Purpose	LRE	72	72	0	0	0	72
NEW BUFFALO HARBOR MICHIGAN	1020	Shallow Draft Single Purpose	LRE	33	32	1	0	0	32
PETOSKEY HARBOR MICHIGAN	74170	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
POINT LOOKOUT HARBOR MICHIGAN	14220	Shallow Draft Single Purpose	LRE	102	102	0	0	0	102
PORT AUSTIN HARBOR MICHIGAN	74213	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
PORT SANILAC HARBOR MICHIGAN	46039	Shallow Draft Single Purpose	LRE	39	39	0	0	0	39
PORT SANILAC HARBOR - MITIGATION OF SHORE DAMAGE	14410	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS MI WI & MN	14612	Shallow Draft Single Purpose	LRE	199	198	1	0	0	198
SAUGATUCK HARBOR MICHIGAN	16390	Shallow Draft Single Purpose	LRE	1,725	1,717	8	0	0	1,717
SEBEWAING RIVER MICHIGAN	76061	Shallow Draft Single Purpose	LRE	67	67	0	0	0	67
WHITEFISH POINT HARBOR MICHIGAN	19850	Shallow Draft Single Purpose	LRE	138	138	0	0	0	138
<b>SUBTOTAL</b>				<b>4,445</b>	<b>4,435</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>4,435</b>
<b>MINNESOTA</b>									
INTERNATIONAL WATER STUDIES, MINNESOTA	53900	Shallow Draft Single Purpose	MVP	50	50	0	0	0	50
MINNESOTA RIVER	11310	Shallow Draft Single Purpose	MVP	149	149	0	0	0	149
PROJECT CONDITION SURVEYS, MINNESOTA	14603	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, MN	76527	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
ST PAUL SMALL BOAT HARBOR	88807	Shallow Draft Single Purpose	MVP	24	24	0	0	0	24
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53901	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	76627	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
WARROAD HARBOR MN	48011	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
WINONA SMALL BOAT HARBOR, MN	88816	Shallow Draft Single Purpose	MVP	5	5	0	0	0	5
<b>SUBTOTAL</b>				<b>228</b>	<b>228</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>228</b>

**APPENDIX B: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>MISSISSIPPI</b>									
BILOXI HARBOR	1520	Shallow Draft Single Purpose	SAM	12	12	0	0	0	12
CADET BAYOU	20600	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
CLAIBORNE COUNTY PORT	87249	Shallow Draft Single Purpose	MVK	107	107	0	0	0	107
GREENVILLE HARBOR, MS	77051	MR&T Single Purpose	MVK	330	330	0	0	0	330
MOUTH OF YAZOO RIVER	493	Shallow Draft Single Purpose	MVK	103	103	0	0	0	103
PASS CHRISTIAN HARBOR	74564	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
ROSEDALE HARBOR MS	87072	Shallow Draft Single Purpose	MVK	1,239	1,239	0	0	0	1,239
VICKSBURG HARBOR, MS	77052	MR&T Single Purpose	MVK	382	382	0	0	0	382
WOLF AND JORDAN RIVERS	20160	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
YAZOO RIVER MS	20350	Shallow Draft Single Purpose	MVK	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>2,173</b>	<b>2,173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,173</b>
<b>MISSOURI</b>									
CARUTHERSVILLE HARBOR	87092	Shallow Draft Single Purpose	MVM	458	458	0	0	0	458
HANNIBAL SBH, MO	88830	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
NEW MADRID HARBOR, MO.	33012	Shallow Draft Single Purpose	MVM	496	496	0	0	0	496
PROJECT CONDITION SURVEYS	14601	Shallow Draft Single Purpose	MVM	52	52	0	0	0	52
SOUTHEAST MO PORT, MS R, MO	87404	Shallow Draft Single Purpose	MVS	271	271	0	0	0	271
<b>SUBTOTAL</b>				<b>1,277</b>	<b>1,277</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,277</b>
<b>NEW HAMPSHIRE</b>									
COCHECO RIVER, NH	505	Shallow Draft Single Purpose	NAE	100	100	0	0	0	100
LITTLE HARBOR, NH	509	Shallow Draft Single Purpose	NAE	137	137	0	0	0	137
PROJECT CONDITION SURVEYS, NH	76533	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>237</b>	<b>237</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>237</b>

**APPENDIX B: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>NEW JERSEY</b>									
BARNEGAT INLET	950	Shallow Draft Single Purpose	NAP	2,045	2,045	0	0	0	2,045
MANASQUAN RIVER	10450	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
NEW JERSEY INTRACOASTAL WATERWAY	8190	Shallow Draft Single Purpose	NAP	2,294	2,239	55	0	0	2,239
PROJECT CONDITION SURVEYS, NJ	76534	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHARK RIVER	41007	Shallow Draft Single Purpose	NAN	1	1	0	0	0	1
SHOAL HARBOR & COMPTON CREEK	41035	Shallow Draft Single Purpose	NAN	21	21	0	0	0	21
SHREWSBURY RIVER NJ	16780	Shallow Draft Single Purpose	NAN	68	68	0	0	0	68
TUCKERTON CREEK, NJ	18580	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>4,429</b>	<b>4,374</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>4,374</b>
<b>NEW YORK</b>									
BARCELONA HARBOR	44036	Shallow Draft Single Purpose	LRB	62	62	0	0	0	62
BRONX RIVER	41057	Shallow Draft Single Purpose	NAN	35	35	0	0	0	35
CATSKILL CREEK, NY	80250	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
CATTARAUGUS CREEK HARBOR	73920	Shallow Draft Single Purpose	LRB	19	19	0	0	0	19
EAST ROCKAWAY INLET	5220	Shallow Draft Single Purpose	NAN	137	137	0	0	0	137
EASTCHESTER CREEK	41004	Shallow Draft Single Purpose	NAN	31	31	0	0	0	31
FIRE ISLAND INLET	5890	Shallow Draft Single Purpose	NAN	22	22	0	0	0	22
FIRE ISLAND TO JONES INLET	5880	Shallow Draft Multiple Purpose w/o Alloc	NAN	2,332	2,332	0	0	0	2,332
GLEN COVE CREEK	73686	Shallow Draft Single Purpose	NAN	695	695	0	0	0	695
GREAT KILLS HARBOR	73690	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
GREAT SOUTH BAY	60570	Shallow Draft Single Purpose	NAN	101	101	0	0	0	101
IRONDEQUOIT BAY HARBOR	8220	Shallow Draft Single Purpose	LRB	353	353	0	0	0	353
JONES INLET NY	41006	Shallow Draft Single Purpose	NAN	50	16	34	0	0	16
LAKE MONTAUK HARBOR	9340	Shallow Draft Single Purpose	NAN	591	591	0	0	0	591
LONG ISLAND INTRACOASTAL WATERWAY	10040	Shallow Draft Single Purpose	NAN	132	132	0	0	0	132
MAMARONECK HARBOR	41005	Shallow Draft Single Purpose	NAN	-83	-83	0	0	0	-83

**APPENDIX B: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
MATTITUCK HARBOR	41082	Shallow Draft Single Purpose	NAN	90	90	0	0	0	90
MORICHES INLET	11840	Shallow Draft Single Purpose	NAN	41	41	0	0	0	41
NARROWS OF LAKE CHAMPLAIN	12200	Shallow Draft Single Purpose	NAN	210	210	0	0	0	210
OAK ORCHARD HARBOR	12980	Shallow Draft Single Purpose	LRB	149	149	0	0	0	149
PLATTSBURGH HARBOR	73746	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
PORTCHESTER HARBOR	73747	Shallow Draft Single Purpose	NAN	20	20	0	0	0	20
PROJECT CONDITION SURVEYS	14920	Shallow Draft Single Purpose	NAN	1,458	1,458	0	0	0	1,458
PROJECT CONDITION SURVEYS	14610	Shallow Draft Single Purpose	LRB	108	108	0	0	0	108
PROJECT CONDITION SURVEYS, NY	76535	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, NY	76536	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
RONDOUT HARBOR	73705	Shallow Draft Single Purpose	NAN	23	23	0	0	0	23
ROUSSES POINT, NY	73707	Shallow Draft Single Purpose	NAN	25	25	0	0	0	25
SAG HARBOR, NY	73708	Shallow Draft Single Purpose	NAN	367	367	0	0	0	367
SAUGERTIES HARBOR	73709	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHINNECOCK INLET	73644	Shallow Draft Single Purpose	NAN	106	66	40	0	0	66
STURGEON POINT SMALL BOAT HARBOR	87433	Shallow Draft Single Purpose	LRB	22	22	0	0	0	22
WESTCHESTER CREEK	41003	Shallow Draft Single Purpose	NAN	45	45	0	0	0	45
WILSON HARBOR	73938	Shallow Draft Single Purpose	LRB	191	191	0	0	0	191
<b>SUBTOTAL</b>				<b>7,332</b>	<b>7,258</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>7,258</b>
<b>NORTH CAROLINA</b>									
ATLANTIC BEACH CHANNELS NC	7604	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT NC	2890	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
LOCKWOODS FOLLY RIVER NC	10020	Shallow Draft Single Purpose	SAW	281	281	0	0	0	281
MANTEO (SHALLOWBAG) BAY NC	10580	Shallow Draft Single Purpose	SAW	3,702	3,702	0	0	0	3,702
OCRACOCK INLET NC	529	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
PAMLICO AND TAR RIVERS NC	74615	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14617	Shallow Draft Single Purpose	SAW	38	38	0	0	0	38

**APPENDIX B: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
ROLLINSON CHANNEL, NC	15490	Shallow Draft Single Purpose	SAW	209	209	0	0	0	209
SHALLOTTE RIVER, NC	16660	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
SILVER LAKE HARBOR NC	16800	Shallow Draft Single Purpose	SAW	1,363	1,363	0	0	0	1,363
WW CONNECTING PAMLICO SOUND & BEAUFORT HBR, NC	74632	Shallow Draft Single Purpose	SAW	9	9	0	0	0	9
<b>SUBTOTAL</b>				<b>5,602</b>	<b>5,602</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,602</b>
<b>NORTH DAKOTA</b>									
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	76638	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>OHIO</b>									
PORT CLINTON HARBOR	21540	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
PORTSMOUTH HARBOR	10221	Shallow Draft Single Purpose	LRH	82	82	0	0	0	82
PUT-IN-BAY, OH	8296	Shallow Draft Single Purpose	LRB	162	162	0	0	0	162
ROCKY RIVER OH	44072	Shallow Draft Single Purpose	LRB	196	190	6	0	0	190
TOUSSAINT RIVER, OH	87453	Shallow Draft Single Purpose	LRB	143	143	0	0	0	143
VERMILION HARBOR	44003	Shallow Draft Single Purpose	LRB	429	429	0	0	0	429
WEST HARBOR	74025	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,012</b>	<b>1,006</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1,006</b>
<b>OREGON</b>									
CHETCO RIVER OR	3130	Shallow Draft Single Purpose	NWP	424	424	0	0	0	424
COQUILLE RIVER OR	3900	Shallow Draft Single Purpose	NWP	131	57	74	0	0	57
DEPOE BAY OR	4610	Shallow Draft Single Purpose	NWP	231	231	0	0	0	231
PROJECT CONDITION SURVEYS	14608	Shallow Draft Single Purpose	NWP	83	83	0	0	0	83
PROJECT CONDITION SURVEYS, OR	76541	Shallow Draft Single Purpose	NWP	0	0	0	0	0	0
ROGUE RIVER AT GOLD BEACH OR	15600	Shallow Draft Single Purpose	NWP	564	564	0	0	0	564



**APPENDIX B: TABLE 1S  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
YAQUINA RIVER	20300	Shallow Draft Single Purpose	NWP	1	1	0	0	0	1
<b>SUBTOTAL</b>				<b>1,434</b>	<b>1,360</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>1,360</b>
<b>PENNSYLVANIA</b>									
PROJECT CONDITION SURVEYS	14606	Shallow Draft Single Purpose	NAP	1,013	61	952	0	0	61
PROJECT CONDITION SURVEYS, PA	76542	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,013</b>	<b>61</b>	<b>952</b>	<b>0</b>	<b>0</b>	<b>61</b>
<b>PUERTO RICO</b>									
AGUADILLA HARBOR, PUERTO RICO	87427	Shallow Draft Single Purpose	SAJ	507	507	0	0	0	507
<b>SUBTOTAL</b>				<b>507</b>	<b>507</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>507</b>
<b>RHODE ISLAND</b>									
PROJECT CONDITION SURVEYS, RI	76544	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SOUTH CAROLINA</b>									
FOLLY RIVER SC	87088	Shallow Draft Single Purpose	SAC	486	486	0	0	0	486
LITTLE RIVER INLET SC, NC	9930	Shallow Draft Single Purpose	SAC	5	5	0	0	0	5
MURRELLS INLET SC	12030	Shallow Draft Single Purpose	SAC	6	6	0	0	0	6
PROJECT CONDITION SURVEYS	14614	Shallow Draft Single Purpose	SAC	86	86	0	0	0	86
TOWN CREEK SC	1	Shallow Draft Single Purpose	SAC	191	191	0	0	0	191
<b>SUBTOTAL</b>				<b>774</b>	<b>774</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>774</b>
<b>TENNESSEE</b>									
MEMPHIS HARBOR (MCKELLAR LAKE), TN	77050	MR&T Single Purpose	MVM	1,195	1,024	171	0	0	1,024
WOLF RIVER HARBOR	20150	Shallow Draft Single Purpose	MVM	1,224	1,224	0	0	0	1,224
<b>SUBTOTAL</b>				<b>2,419</b>	<b>2,248</b>	<b>171</b>	<b>0</b>	<b>0</b>	<b>2,248</b>

**APPENDIX B: TABLE 1S  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>TEXAS</b>									
BENBROOK LAKE	1350	Shallow Draft Multiple Purpose w/o Alloc	SWF	1,881	-2	1,883	0	0	-2
CEDAR BAYOU	2810	Shallow Draft Single Purpose	SWG	160	160	0	0	0	160
CLEAR CRK AND LK, TX	3330	Shallow Draft Single Purpose	SWG	0	0	0	0	0	0
DOUBLE BAYOU, TX	4930	Shallow Draft Single Purpose	SWG	0	0	0	0	0	0
GRAPEVINE LAKE	6760	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,311	1	2,310	0	0	1
LAKE O THE PINES	5850	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,615	-295	2,910	0	0	-295
SAM RAYBURN DAM AND RES	16040	Shallow Draft Multiple Purpose w/o Alloc	SWF	4,294	-512	4,125	681	0	-512
TRINITY RIVER & TRIBUTARIES	18510	Shallow Draft Single Purpose	SWG	1,593	1,593	0	0	0	1,593
WALLISVILLE LAKE	19380	Shallow Draft Multiple Purpose w/ Alloc	SWG	878	19	439	420	84	103
<b>SUBTOTAL</b>				<b>13,732</b>	<b>964</b>	<b>11,667</b>	<b>1,101</b>	<b>84</b>	<b>1,048</b>
<b>VERMONT</b>									
BURLINGTON HARBOR BREAKWATER	73727	Shallow Draft Single Purpose	NAN	205	205	0	0	0	205
<b>SUBTOTAL</b>				<b>205</b>	<b>205</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>205</b>
<b>VIRGINIA</b>									
APPOMATTOX RIVER , VIRGINIA	30580	Shallow Draft Single Purpose	NAO	350	350	0	0	0	350
BENNETTS CREEK	87461	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
CHINCOTEAGUE BAY CHANNEL	10890	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
CHINCOTEAGUE INLET , VIRGINIA	76106	Shallow Draft Single Purpose	NAO	694	694	0	0	0	694
DAVIS CREEK, VA	81397	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
GREENVALE CREEK, VA	76345	Shallow Draft Single Purpose	NAO	14	14	0	0	0	14
HOSKINS CREEK, VA.	20920	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
JACKSON CREEK, VA	27031	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
LYNNHAVEN INLET , VIRGINIA	10310	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
NANDUA CREEK	73782	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0

**APPENDIX B: TABLE 1S  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OCCOQUAN CREEK, VA	595	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
OYSTER CHANNEL VA	73792	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
PAGAN RIVER,VA	73793	Shallow Draft Single Purpose	NAO	163	163	0	0	0	163
POTOMAC RIVER AT MT VERNON,VA	598	Shallow Draft Single Purpose	NAB	56	56	0	0	0	56
PROJECT CONDITION SURVEYS, VIRGINIA	14605	Shallow Draft Single Purpose	NAO	603	603	0	0	0	603
QUINBY CREEK , VIRGINIA	14770	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
RUDEE INLET, VIRGINIA	87455	Shallow Draft Single Purpose	NAO	608	608	0	0	0	608
STARLINGS CREEK, VA	42001	Shallow Draft Single Purpose	NAO	4	4	0	0	0	4
TANGIER CHANNEL	27650	Shallow Draft Single Purpose	NAO	246	246	0	0	0	246
TYLERS BEACH , VIRGINIA	76107	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
WATERWAY ON THE COAST OF VIRGINIA	19550	Shallow Draft Single Purpose	NAO	487	487	0	0	0	487
WHITINGS CREEK, VA	605	Shallow Draft Single Purpose	NAO	17	17	0	0	0	17
WINTER HARBOR , MATHEWS CO., VIRGINIA	73802	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>3,242</b>	<b>3,242</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,242</b>
<b>WASHINGTON</b>									
COLUMBIA RIVER AT BAKER BAY, WA	3570	Shallow Draft Single Purpose	NWP	1,071	1,071	0	0	0	1,071
COLUMBIA RIVER BETWEEN CHINOOK & SAND ISLAND WA	23080	Shallow Draft Single Purpose	NWP	742	742	0	0	0	742
NEAH BAY	67314	Shallow Draft Single Purpose	NWS	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14609	Shallow Draft Single Purpose	NWS	252	252	0	0	0	252
PROJECT CONDITION SURVEYS, WA	76553	Shallow Draft Single Purpose	NWS	0	0	0	0	0	0
QUILLAYUTE RIVER	14760	Shallow Draft Single Purpose	NWS	840	840	0	0	0	840
SWINOMISH CHANNEL	17870	Shallow Draft Single Purpose	NWS	251	251	0	0	0	251
<b>SUBTOTAL</b>				<b>3,156</b>	<b>3,156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,156</b>
<b>WEST VIRGINIA</b>									
CHARLESTON RIVER FRONT PARK, WV	10307	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
ELK RIVER HARBOR	88833	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**APPENDIX B: TABLE 1S  
SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2000 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>WISCONSIN</b>									
ALGOMA HARBOR WISCONSIN	74177	Shallow Draft Single Purpose	LRE	80	80	0	0	0	80
BIG SUAMICO WISCONSIN	612	Shallow Draft Single Purpose	LRE	127	115	12	0	0	115
CORNUCOPIA HARBOR WISCONSIN	3970	Shallow Draft Single Purpose	LRE	12	12	0	0	0	12
FOX RIVER WISCONSIN	6610	Shallow Draft Single Purpose	LRE	2,180	1,959	221	0	0	1,959
LA POINTR HARBOR WISCONSIN	9450	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
SAXON HARBOR WISCONSIN	16500	Shallow Draft Single Purpose	LRE	65	65	0	0	0	65
<b>SUBTOTAL</b>				<b>2,464</b>	<b>2,231</b>	<b>233</b>	<b>0</b>	<b>0</b>	<b>2,231</b>
<b>TOTAL</b>				<b>155,276</b>	<b>97,603</b>	<b>50,751</b>	<b>6,922</b>	<b>466</b>	<b>98,069</b>

## **Appendix C**

### **Operation and Maintenance Expenditures For U.S. Army Corps of Engineers Harbor Projects, FY 2001**

**Table 1D - Deep Draft Harbor Projects By State/Territory**

**Table 1S - Shallow Draft Harbor Projects by State/Territory**



**APPENDIX C: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU LA BATRE	1120	Deep Draft Single Purpose	SAM	11	11	0	0	0	11
CC HELICOPTER LIDAR BATHYMETER	8242	Deep Draft Single Purpose	SAM	1,978	1,978	0	0	0	1,978
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT, AL	8302	Deep Draft Single Purpose	SAM	548	548	0	0	0	548
MOBILE HARBOR	11670	Deep Draft Single Purpose	SAM	21,789	21,784	7	-2	0	21,784
MOBILE AREA DIGITAL MAPPING, AL	76294	Deep Draft Single Purpose	SAM	145	145	0	0	0	145
<b>SUBTOTAL</b>				<b>24,471</b>	<b>24,466</b>	<b>7</b>	<b>-2</b>	<b>0</b>	<b>24,466</b>
<b>ALASKA</b>									
ANCHORAGE HARBOR	360	Deep Draft Single Purpose	POA	3,059	2,290	769	0	0	2,290
KODIAK HARBOR, AK	10168	Deep Draft Single Purpose	POA	0	0	0	0	0	0
COOK INLET SHOALS, AK	10324	Deep Draft Single Purpose	POA	0	0	0	0	0	0
PETERSBURG HARBOR, AK	72759	Deep Draft Single Purpose	POA	11	11	0	0	0	11
WRANGEL NARROWS	72852	Deep Draft Single Purpose	POA	5,456	5,452	4	0	0	5,452
HOMER SMALL BOAT HARBOR	80508	Deep Draft Single Purpose	POA	187	187	0	0	0	187
<b>SUBTOTAL</b>				<b>8,713</b>	<b>7,940</b>	<b>773</b>	<b>0</b>	<b>0</b>	<b>7,940</b>
<b>CALIFORNIA</b>									
PORT SAN LUIS, CA	232	Deep Draft Single Purpose	SPL	0	0	0	0	0	0
CRESCENT CITY HARBOR	4270	Deep Draft Single Purpose	SPN	315	315	0	0	0	315
HUMBOLDT HARBOR AND BAY	7860	Deep Draft Single Purpose	SPN	3,491	3,487	4	0	0	3,487
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SPL	87	87	0	0	0	87
MORRO BAY HARBOR CA	11860	Deep Draft Single Purpose	SPL	2,197	2,158	39	0	0	2,158
MOSS LANDING HARBOR, CA	11880	Deep Draft Single Purpose	SPN	76	76	0	0	0	76
OAKLAND HARBOR	12990	Deep Draft Single Purpose	SPN	4,687	4,687	0	0	0	4,687

**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OCEANSIDE HARBOR CA	13080	Deep Draft Single Purpose	SPL	1,141	1,048	70	23	0	1,048
OCEANSIDE SAND BYPASS SYSTEM	13085	Deep Draft Single Purpose	SPL	0	0	0	0	0	0
CHANNEL ISLANDS HARBOR CA	14360	Deep Draft Single Purpose	SPL	2,884	2,884	0	0	0	2,884
REDWOOD CITY	15100	Deep Draft Single Purpose	SPN	757	757	0	0	0	757
RICHMOND HARBOR	15280	Deep Draft Single Purpose	SPN	4,972	4,972	0	0	0	4,972
SANTA BARBARA HARBOR CA	15730	Deep Draft Single Purpose	SPL	1,067	1,067	0	0	0	1,067
SAN DIEGO RIVER-MISSION BAY	15750	Deep Draft Single Purpose	SPL	20	20	0	0	0	20
SACRAMENTO RIVER (30' CHANNEL)	15870	Deep Draft Single Purpose	SPK	2,828	2,684	144	0	0	2,684
SAN DIEGO HARBOR	16110	Deep Draft Single Purpose	SPL	0	0	0	0	0	0
SAN FRANCISCO HARBOR	16130	Deep Draft Single Purpose	SPN	879	879	0	0	0	879
DRIFT REMOVAL (SAN FRANCISCO HARBOR AND BAY)	16140	Deep Draft Single Purpose	SPN	1,965	1,965	0	0	0	1,965
SAN JOAQUIN RIVER	16180	Deep Draft Single Purpose	SPK	1,919	1,849	70	0	0	1,849
SAN PABLO BAY AND MARE ISLAND STRAIT	16230	Deep Draft Single Purpose	SPN	1,008	1,008	0	0	0	1,008
SANTA CRUZ HARBOR	16340	Deep Draft Single Purpose	SPN	16	16	0	0	0	16
SUISUN BAY CHANNEL	17720	Deep Draft Single Purpose	SPN	1,889	1,889	0	0	0	1,889
VENTURA HARBOR CA	24190	Deep Draft Single Purpose	SPL	3,760	3,758	2	0	0	3,758
MARINA DEL REY	37690	Deep Draft Single Purpose	SPL	605	605	0	0	0	605
PORT HUENEME	74656	Deep Draft Single Purpose	SPL	13	13	0	0	0	13
NAPA RIVER	74703	Deep Draft Single Purpose	SPN	-54	-54	0	0	0	-54
LOS ANGELES-LONG BEACH HARBORS	74719	Deep Draft Single Purpose	SPL	4,930	4,930	0	0	0	4,930
NEWPORT HARBOR	74720	Deep Draft Single Purpose	SPL	42	42	0	0	0	42
SAN FRANCISCO BAY - DELTA MODEL STRUCTURE	76029	Deep Draft Single Purpose	SPN	1,881	481	1,400	0	0	481
LOS ANGELES-LONG BEACH HARBOR MODEL	76101	Deep Draft Single Purpose	SPL	163	163	0	0	0	163
SAN FRANCISCO BAY LONG TERM MGMT STRATEGY	88920	Deep Draft Single Purpose	SPN	192	192	0	0	0	192
<b>SUBTOTAL</b>				<b>43,730</b>	<b>41,978</b>	<b>1,729</b>	<b>23</b>	<b>0</b>	<b>41,978</b>



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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>CONNECTICUT</b>									
CONNECTICUT RIVER BELOW HARTFORD, CT	3760	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
NEW HASEN HARBOR, CT	12380	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
BRIDGEPORT HARBOR, CT	73360	Deep Draft Single Purpose	NAE	110	110	0	0	0	110
<b>SUBTOTAL</b>				<b>110</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110</b>
<b>DELAWARE</b>									
IWW DELAWARE RIVER TO CHESAPEAKE BAY DE, MD	8160	Deep Draft Single Purpose	NAP	22,031	21,455	576	0	0	21,455
C&D CANAL - ST. GEORGES BRIDGE REPLACEMENT	8215	Deep Draft Single Purpose	NAP	0	0	0	0	0	0
WILMINGTON HARBOR	20040	Deep Draft Single Purpose	NAP	6,439	6,299	140	0	0	6,299
<b>SUBTOTAL</b>				<b>28,470</b>	<b>27,754</b>	<b>716</b>	<b>0</b>	<b>0</b>	<b>27,754</b>
<b>DISTRICT OF COLUMBIA</b>									
POTOMAC RIV BELOW WASH	294	Deep Draft Single Purpose	NAB	106	106	0	0	0	106
WASHINGTON HARBOR	19500	Deep Draft Single Purpose	NAB	37	37	0	0	0	37
<b>SUBTOTAL</b>				<b>143</b>	<b>143</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143</b>
<b>FLORIDA</b>									
CANAVERAL HARBOR FL	2520	Deep Draft Single Purpose	SAJ	3,415	3,412	3	0	0	3,412
CHARLOTTE HARBOR FL	3000	Deep Draft Single Purpose	SAJ	0	0	0	0	0	0
FERNANDINA HARBOR FL	5840	Deep Draft Single Purpose	SAJ	3,658	3,658	0	0	0	3,658
FORT PIERCE HARBOR FL	6260	Deep Draft Single Purpose	SAJ	398	397	1	0	0	397
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SAJ	95	95	0	0	0	95
JACKSONVILLE HARBOR FL	8410	Deep Draft Single Purpose	SAJ	7,229	7,224	5	0	0	7,224
MANATEE HARBOR, FL	10166	Deep Draft Single Purpose	SAJ	45	45	0	0	0	45

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
PALM BEACH HARBOR FL	13590	Deep Draft Single Purpose	SAJ	1,764	1,557	207	0	0	1,557
PANAMA CITY HARBOR	13640	Deep Draft Single Purpose	SAM	31	31	0	0	0	31
PENSACOLA HARBOR	13830	Deep Draft Single Purpose	SAM	751	751	0	0	0	751
PORT ST. JOE HARBOR	14390	Deep Draft Single Purpose	SAM	386	386	0	0	0	386
TAMPA HARBOR FL	17960	Deep Draft Single Purpose	SAJ	6,580	6,578	2	0	0	6,578
MIAMI HARBOR FL	74378	Deep Draft Single Purpose	SAJ	104	103	1	0	0	103
ST PETERSBURG HBR	74390	Deep Draft Single Purpose	SAJ	8,350	8,222	128	0	0	8,222
CARRABELLE HARBOR	76018	Deep Draft Single Purpose	SAM	0	0	0	0	0	0
PORT EVERGLADES HARBOR	76031	Deep Draft Single Purpose	SAJ	190	190	0	0	0	190
MIAMI RIVER, FL	76295	Deep Draft Single Purpose	SAJ	240	238	2	0	0	238
<b>SUBTOTAL</b>				<b>33,236</b>	<b>32,887</b>	<b>349</b>	<b>0</b>	<b>0</b>	<b>32,887</b>
<b>GEORGIA</b>									
BRUNSWICK HARBOR	2080	Deep Draft Single Purpose	SAS	3,231	3,176	0	55	0	3,176
SAVANNAH LONG TERM MGMT STRATEGY	8232	Deep Draft Single Purpose	SAS	0	0	0	0	0	0
SAVANNAH HARBOR	75085	Deep Draft Single Purpose	SAS	10,631	10,454	36	141	0	10,454
<b>SUBTOTAL</b>				<b>13,862</b>	<b>13,630</b>	<b>36</b>	<b>196</b>	<b>0</b>	<b>13,630</b>
<b>HAWAII</b>									
BARBERS PT HBR, HI	910	Deep Draft Single Purpose	POH	244	1	243	0	0	1
HONOLULU HARBOR, OAHU, HI	7660	Deep Draft Single Purpose	POH	0	0	0	0	0	0
KAHULUI HARBOR, MAUI, HI	8660	Deep Draft Single Purpose	POH	89	89	0	0	0	89
NAWILIWILI HARBOR, KAUAI, HI	73336	Deep Draft Single Purpose	POH	0	0	0	0	0	0
PORT ALLEN HARBOR, KAUAI, HI	73338	Deep Draft Single Purpose	POH	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>333</b>	<b>90</b>	<b>243</b>	<b>0</b>	<b>0</b>	<b>90</b>

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<b>ILLINOIS</b>									
CALUMET HARBOR AND RIVER	2410	Deep Draft Single Purpose	LRC	3,389	3,389	0	0	0	3,389
CHICAGO RIVER IL	3810	Deep Draft Single Purpose	LRC	328	325	3	0	0	325
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	8206	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEY OF NORTH CENTRAL LAKES	15202	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15202	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15207	Deep Draft Single Purpose	LRC	165	0	165	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15208	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
WAUKEGAN HARBOR IL	19560	Deep Draft Single Purpose	LRC	1,054	1,054	0	0	0	1,054
CHICAGO HARBOR	45009	Deep Draft Single Purpose	LRC	3,307	3,174	133	0	0	3,174
<b>SUBTOTAL</b>				<b>8,243</b>	<b>7,942</b>	<b>301</b>	<b>0</b>	<b>0</b>	<b>7,942</b>
<b>INDIANA</b>									
BURNS WATERWAY HARBOR IN	2250	Deep Draft Single Purpose	LRC	3,702	3,702	0	0	0	3,702
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8207	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8209	Deep Draft Single Purpose	LRR	0	0	0	0	0	0
MICHIGAN CITY HARBOR IN	11060	Deep Draft Single Purpose	LRC	387	387	0	0	0	387
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
INDIANA HARBOR	18120	Deep Draft Single Purpose	LRC	409	409	0	0	0	409
<b>SUBTOTAL</b>				<b>4,498</b>	<b>4,498</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,498</b>
<b>LOUISIANA</b>									
MISS RIVER - BR TO GULF	68	Deep Draft Single Purpose	MVN	41,136	41,042	94	0	0	41,042

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
ATCH RIVER & BAYOUS CHENE BOEUF & BLACK	680	Deep Draft Single Purpose	MVN	11,162	11,161	1	0	0	11,161
CALC RIVER & PASS	2440	Deep Draft Single Purpose	MVN	18,339	18,330	9	0	0	18,330
HOUMA NAV CANAL	7760	Deep Draft Single Purpose	MVN	235	235	0	0	0	235
MERMENTAU RIVER	11030	Deep Draft Multiple Purpose w/ Alloc	MVN	2,990	2,974	16		0	2,974
MISS RIVER - GULF OUTLET (MRGO)	11410	Deep Draft Single Purpose	MVN	19,271	19,271	0	0	0	19,271
DREDGE WHEELER READY RESERVE	8304	Deep Draft Single Purpose	MVN	7,704	7,704	0	0	0	7,704
<b>SUBTOTAL</b>				<b>100,837</b>	<b>100,717</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>100,717</b>
<b>MAINE</b>									
PORTLAND HARBOR, MAINE	367	Deep Draft Single Purpose	NAE	-3	-3	0	0	0	-3
DISPOSAL AREA MONITORING	8223	Deep Draft Single Purpose	NAE	1,122	1,122	0	0	0	1,122
KENNEBEC RIVER, ME	8890	Deep Draft Single Purpose	NAE	429	429	0	0	0	429
PENOBSCOT RIVER, ME	56470	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
ROCKLAND HARBOR, ME	73389	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,548</b>	<b>1,548</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,548</b>
<b>MARYLAND</b>									
BALTIMORE HARBOR & CHANNELS	870	Deep Draft Single Purpose	NAB	9,183	9,183	0	0	0	9,183
BALTIMORE DRIFT REMOVAL	871	Deep Draft Single Purpose	NAB	498	498	0	0	0	498
PREV OF OBST & INJ DEP	872	Deep Draft Single Purpose	NAB	679	679	0	0	0	679
TOLCHESTER CHANNEL, MD	8289	Deep Draft Single Purpose	NAB	1,537	1,537	0	0	0	1,537
POTOMAC DRIFT REMOVAL	14520	Deep Draft Single Purpose	NAB	983	983	0	0	0	983
BALTIMORE HARBOR & CHANNELS	74955	Deep Draft Single Purpose	NAB	8,150	8,144	6	0	0	8,144
<b>SUBTOTAL</b>				<b>21,030</b>	<b>21,024</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>21,024</b>

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<b>MASSACHUSETTS</b>									
GLOUCESTER HBR. & ANNISQUAM RIV, MA	416	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
NEW BEDFORD AND FAIRHAVEN HARBOR	432	Deep Draft Single Purpose	NAE	2	2	0	0	0	2
SALEM HARBOR, MASS	439	Deep Draft Single Purpose	NAE	9	9	0	0	0	9
BOSTON HARBOR, MA	1960	Deep Draft Single Purpose	NAE	211	210	1	0	0	210
CAPE COD CANAL	2620	Deep Draft Single Purpose	NAE	9,491	7,299	2,192	0	0	7,299
LYNN HARBOR, MA	10023	Deep Draft Single Purpose	NAE	368	368	0	0	0	368
PLYMOUTH HARBOR, MA	14200	Deep Draft Single Purpose	NAE	41	41	0	0	0	41
<b>SUBTOTAL</b>				<b>10,122</b>	<b>7,929</b>	<b>2,193</b>	<b>0</b>	<b>0</b>	<b>7,929</b>
<b>MICHIGAN</b>									
BLACK RIVER PORT HURON MICHIGAN	1110	Deep Draft Single Purpose	LRE	34	34	0	0	0	34
CHANNELS IN LAKE ST. CLAIR MICHIGAN	2940	Deep Draft Single Purpose	LRE	61	61	0	0	0	61
CHARLEVOIX HARBOR MICHIGAN	2990	Deep Draft Single Purpose	LRE	171	171	0	0	0	171
DETROIT RIVER MICHIGAN	4710	Deep Draft Single Purpose	LRE	3,021	3,021	0	0	0	3,021
FRANKFORT HARBOR MICHIGAN	6130	Deep Draft Single Purpose	LRE	118	118	0	0	0	118
GRAND HAVEN HARBOR MICHIGAN	6670	Deep Draft Single Purpose	LRE	459	459	0	0	0	459
GRAND HAVEN HARBOR - MITIGATION OF SHORE DAMAGE	6671	Deep Draft Single Purpose	LRE	85	85	0	0	0	85
HARBOR BEACH HARBOR MICHIGAN	7300	Deep Draft Single Purpose	LRE	0	0	0		0	0
HOLLAND HARBOR MICHIGAN	7610	Deep Draft Single Purpose	LRE	877	877	0		0	877
HOLLAND HARBOR - MITIGATION OF SHORE DAMAGE	7611	Deep Draft Single Purpose	LRE	70	70	0	0	0	70
INTERNATIONAL BOUNDARY ACTIVITY	8189	Deep Draft Single Purpose	LRD	94	17	76	1	0	17
GREAT LAKES SEDIMENT TRANSPORT MODELS	8266	Deep Draft Single Purpose	LRD	119	117	0	2	0	117
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	LRE	93	93	0	0	0	93
KEWEENAW WATERWAY MICHIGAN	8960	Deep Draft Single Purpose	LRE	292	292	0	0	0	292

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LUDINGTON HARBOR MICHIGAN	10270	Deep Draft Single Purpose	LRE	234	233	1	0	0	233
LUDINGTON HARBOR-MITIGATION	10271	Deep Draft Single Purpose	LRE	51	51	0	0	0	51
MANISTEE HARBOR MICHIGAN	10480	Deep Draft Single Purpose	LRE	592	592	0	0	0	592
MANISTIQUE HARBOR MICHIGAN	10490	Deep Draft Single Purpose	LRE	2,221	2,221	0	0	0	2,221
MONROE HARBOR MICHIGAN	11760	Deep Draft Single Purpose	LRE	533	533	0	0	0	533
MUSKEGON HARBOR MICHIGAN	12060	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
MUSKEGON HBR SHORE DAM	12061	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ONTONAGON HARBOR MICHIGAN	13330	Deep Draft Single Purpose	LRE	538	526	12	0	0	526
PENTWATER HARBOR MICHIGAN	13850	Deep Draft Single Purpose	LRE	597	597	0	0	0	597
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	46027	Deep Draft Single Purpose	LRE	2,811	2,811	0	0	0	2,811
SURVEY OF NORTH CENTRAL LAKES	15201	Deep Draft Single Purpose	LRD	177	71	106	0	0	71
ROUGE RIVER MICHIGAN	15590	Deep Draft Single Purpose	LRE	180	180	0	0	0	180
SOUTH HAVEN HARBOR MICHIGAN	17180	Deep Draft Single Purpose	LRE	95	95	0	0	0	95
SOUTH HAVEN HARBOR - MITIGATION OF SHORE DAMAGE	17181	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ST. CLAIR RIVER MICHIGAN	17300	Deep Draft Single Purpose	LRE	2,294	2,294	0	0	0	2,294
ST. JOSEPH HARBOR MICHIGAN	17350	Deep Draft Single Purpose	LRE	992	992	0	0	0	992
ST. JOSEPH HARBOR - MITIGATION OF SHORE DAMAGE	17351	Deep Draft Single Purpose	LRE	131	131	0	0	0	131
ST. MARYS RIVER MICHIGAN	17380	Deep Draft Multiple Purpose w/o Alloc	LRE	21,985	18,051	3,471	463	0	18,051
WHITE LAKE HARBOR MICHIGAN	19810	Deep Draft Single Purpose	LRE	177	177	0	0	0	177
PORTAGE LAKE HARBOR MICHIGAN	21530	Deep Draft Single Purpose	LRE	2,837	2,837	0	0	0	2,837
MENOMINEE HARBOR MICHIGAN & WISCONSIN	45044	Deep Draft Single Purpose	LRE	79	79	0	0	0	79
GRAND MARAIS HARBOR MICHIGAN	46064	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
MARQUETTE HARBOR MICHIGAN	48013	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
SAGINAW RIVER MICHIGAN	57420	Deep Draft Single Purpose	LRE	1,940	1,940	0	0	0	1,940
WHITE LAKE HARBOR - MITIGATION OF SHORE DAMAGE	74176	Deep Draft Single Purpose	LRE	60	60	0	0	0	60

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ALPENA HARBOR MICHIGAN	74196	Deep Draft Single Purpose	LRE	82	80	2	0	0	80
INTERNATIONAL WATER STUDIES	46028	Deep Draft Single Purpose	LRE	306	306	0	0	0	306
<b>SUBTOTAL</b>				<b>44,406</b>	<b>40,272</b>	<b>3,668</b>	<b>466</b>	<b>0</b>	<b>40,272</b>
<b>MINNESOTA</b>									
DULUTH-SUPERIOR HARBOR MINNESOTA	5050	Deep Draft Single Purpose	LRE	2,312	1,913	399	0	0	1,913
ALTERNATIVE TECHNOLOGY PROJECT, MN	8276	Deep Draft Single Purpose	LRE	101	101	0	0	0	101
GRAND MARAIS HARBOR MINNESOTA	99871	Deep Draft Single Purpose	LRE	159	159	0	0	0	159
<b>SUBTOTAL</b>				<b>2,572</b>	<b>2,173</b>	<b>399</b>	<b>0</b>	<b>0</b>	<b>2,173</b>
<b>MISSISSIPPI</b>									
GULFPORT HARBOR	7150	Deep Draft Single Purpose	SAM	3,288	3,288	0	0	0	3,288
PASCAGOULA HARBOR	13680	Deep Draft Single Purpose	SAM	4,029	4,019	0	10	0	4,019
<b>SUBTOTAL</b>				<b>7,317</b>	<b>7,307</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>7,307</b>
<b>NEW HAMPSHIRE</b>									
PORTSMOUTH HARBOR, PISCATAQUA RIVER, NH & ME	512	Deep Draft Single Purpose	NAE	591	590	1	0	0	590
<b>SUBTOTAL</b>				<b>591</b>	<b>590</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>590</b>
<b>NEW JERSEY</b>									
DELAWARE RIVER, PHILADELPHIA TO TRENTON NJ	4550	Deep Draft Single Purpose	NAP	2,997	2,916	81	0	0	2,916
DELAWARE RIVER PHILADELPHIA TO THE SEA, PA NJ DE	4570	Deep Draft Single Purpose	NAP	14,376	14,130	246	0	0	14,130
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAP	78	78	0	0	0	78
NEWARK BAY HACKENSACK & PASSAIC RVS NJ	12550	Deep Draft Single Purpose	NAN	1,037	1,037	0	0	0	1,037
RARITAN RIVER	14860	Deep Draft Single Purpose	NAN	124	124	0	0	0	124

**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
RARITAN RIVER TO ARTHUR KILL CUT-OFF	21870	Deep Draft Single Purpose	NAN	39	39	0	0	0	39
COLD SPRING INLET	22140	Deep Draft Single Purpose	NAP	395	395	0	0	0	395
SALEM RIVER	24950	Deep Draft Single Purpose	NAP	-29	-29	0	0	0	-29
DELAWARE RIVER AT CAMDEN	43005	Deep Draft Single Purpose	NAP	1,078	1,078	0	0	0	1,078
<b>SUBTOTAL</b>				<b>20,095</b>	<b>19,768</b>	<b>327</b>	<b>0</b>	<b>0</b>	<b>19,768</b>
<b>NEW YORK</b>									
BAYRIDGE & RED HOOK CHANNELS NY	1040	Deep Draft Single Purpose	NAN	0	0	0	0	0	0
BLACK ROCK CHANNEL AND TONAWANDA HARBOR	1660	Deep Draft Single Purpose	LRB	1,786	1,698	88	0	0	1,698
BUFFALO HARBOR	2140	Deep Draft Single Purpose	LRB	320	286	34	0	0	286
GREAT SODUS BAY HARBOR	6860	Deep Draft Single Purpose	LRB	7	7	0	0	0	7
HUDSON RIVER CHANNEL	7800	Deep Draft Single Purpose	NAN	230	230	0	0	0	230
HUDSON RIVER NY (MAINT)	7810	Deep Draft Single Purpose	NAN	2,358	2,358	0	0	0	2,358
HUDSON RIVER NY (O&C)	7820	Deep Draft Single Purpose	NAN	1,191	1,174	17	0	0	1,174
SURVY OF NORTH CNTRL LAKES, NY	8203	Deep Draft Single Purpose	LRB	270	270	0	0	0	270
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	8204	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	8205	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
BUFFALO HARBOR ENVIRONMENTAL DREDGING	8277	Deep Draft Single Purpose	LRB	67	67	0	0	0	67
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAN	51	51	0	0	0	51
LITTLE SODUS BAY HARBOR	9970	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
NEW YORK HARBOR	12490	Deep Draft Single Purpose	NAN	10,358	10,358	0	0	0	10,358
NEW YORK HARBOR NY (DRIFT REMOVAL)	12500	Deep Draft Single Purpose	NAN	5,659	5,659	0	0	0	5,659
NEW YORK & NEW JERSEY CHANNELS	12520	Deep Draft Single Purpose	NAN	4,827	4,427	400	0	0	4,427
OSWEGO HARBOR	13440	Deep Draft Single Purpose	LRB	973	973	0	0	0	973
LONG ISLAND SOUND, CT AND NY	14032	Deep Draft Single Purpose	NAE	1,285	1,285	0	0	0	1,285



**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
INTERNATIONAL WATER STUDIES	15204	Deep Draft Single Purpose	LRB	410	2	408	0	0	2
ROCHESTER HARBOR	15390	Deep Draft Single Purpose	LRB	698	698	0	0	0	698
PREVENTION OF OBSTRUCTIVE DEPOSITS NY	17760	Deep Draft Single Purpose	NAN	737	737	0	0	0	737
BUTTERMILK CHANNEL	41015	Deep Draft Single Purpose	NAN	20	20	0	0	0	20
FLUSHING BAY & CREEK	41016	Deep Draft Single Purpose	NAN	373	373	0	0	0	373
EAST RIVER	41062	Deep Draft Single Purpose	NAN	247	247	0	0	0	247
DUNKIRK HARBOR	50600	Deep Draft Single Purpose	LRB	258	258	0	0	0	258
JAMAICA BAY	54000	Deep Draft Single Purpose	NAN	1,286	1,286	0	0	0	1,286
<b>SUBTOTAL</b>				<b>33,411</b>	<b>32,464</b>	<b>947</b>	<b>0</b>	<b>0</b>	<b>32,464</b>
<b>NORTH CAROLINA</b>									
BEAUFORT HARBOR NC	1210	Deep Draft Single Purpose	SAW	9	9	0	0	0	9
CAPE FEAR RIVER ABOVE WILMINGTON NC	2640	Deep Draft Single Purpose	SAW	563	403	160	0	0	403
MOREHEAD CITY HARBOR NC	11810	Deep Draft Single Purpose	SAW	1,627	1,627	0	0	0	1,627
WILMINGTON HARBOR NC	20030	Deep Draft Single Purpose	SAW	5,260	5,260	0	0	0	5,260
<b>SUBTOTAL</b>				<b>7,459</b>	<b>7,299</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>7,299</b>
<b>OHIO</b>									
ASHTABULA HARBOR	650	Deep Draft Single Purpose	LRB	1,634	1,634	0	0	0	1,634
CLEVELAND HARBOR	3430	Deep Draft Single Purpose	LRB	7,966	7,784	182	0	0	7,784
CONNEAUT HARBOR	3770	Deep Draft Single Purpose	LRB	25	24	1	0	0	24
FAIRPORT HARBOR	5760	Deep Draft Single Purpose	LRB	1,660	1,660	0	0	0	1,660
HURON HARBOR	7920	Deep Draft Single Purpose	LRB	62	62	0	0	0	62
LORAIN HARBOR	10060	Deep Draft Single Purpose	LRB	1,262	1,262	0	0	0	1,262
INTERNATIONAL WATER STUDIES	15205	Deep Draft Single Purpose	LRB	0	0	0	0	0	0

**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15210	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SANDUSKY HARBOR	16260	Deep Draft Single Purpose	LRB	693	693	0	0	0	693
TOLEDO HARBOR	18280	Deep Draft Single Purpose	LRB	2,829	2,829	0	0	0	2,829
<b>SUBTOTAL</b>				<b>16,131</b>	<b>15,948</b>	<b>183</b>	<b>0</b>	<b>0</b>	<b>15,948</b>
<b>OREGON</b>									
COLUMBIA RIVER AT MOUTH, OR & WA	3600	Deep Draft Single Purpose	NWP	6,818	6,818	0	0	0	6,818
COLUMBIA R BETWEEN VANCOUVER WA & THE DALLES OR	3620	Deep Draft Single Purpose	NWP	684	684	0	0	0	684
C&LW RIVERS BELOW VANCOUVER WA & PORTLAND OR	3630	Deep Draft Single Purpose	NWP	17,073	17,073	0	0	0	17,073
COOS BAY OR	3840	Deep Draft Single Purpose	NWP	3,646	3,645	1	0	0	3,645
PORT ORFORD OR	14370	Deep Draft Single Purpose	NWP	552	492	60	0	0	492
SIUSLAW RIVER OR	16860	Deep Draft Single Purpose	NWP	577	577	0	0	0	577
SKIPANON CHANNEL OR	16930	Deep Draft Single Purpose	NWP	22	22	0	0	0	22
TILLAMOOK BAY AND BAR OR	18230	Deep Draft Single Purpose	NWP	74	74	0	0	0	74
UMPQUA RIVER OR	18750	Deep Draft Single Purpose	NWP	706	706	0	0	0	706
YAQUINA BAY & HARBOR OR	20290	Deep Draft Single Purpose	NWP	8,686	8,679	7	0	0	8,679
INTERNATIONAL WATER STUDIES	53904	Deep Draft Single Purpose	NWD	159	2	127	30	0	2
SURVEILLANCE OF NORTHERN BOUNDARY WATERS - NPD	53905	Deep Draft Single Purpose	NWD	0	0	0	0	0	0
BONNEVILLE LOCK & DAM-LAKE BONNEVILLE	80546	Deep Draft Multiple Purpose w/ Alloc	NWP	18,970	1,171	13,397	4,402	2,201	3,372
<b>SUBTOTAL</b>				<b>57,967</b>	<b>39,943</b>	<b>13,592</b>	<b>4,432</b>	<b>2,201</b>	<b>42,144</b>
<b>PENNSYLVANIA</b>									
ERIE HARBOR	5600	Deep Draft Single Purpose	LRB	146	146	0	0	0	146
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	8201	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	8202	Deep Draft Single Purpose	LRD	0	0	0	0	0	0

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
SCHUYLKILL RIVER	16550	Deep Draft Single Purpose	NAP	1,382	1,367	15	0	0	1,367
<b>SUBTOTAL</b>				<b>1,528</b>	<b>1,513</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>1,513</b>
<b>PUERTO RICO</b>									
SAN JUAN HARBOR, PR	16190	Deep Draft Single Purpose	SAJ	469	469	0	0	0	469
ARECIBO HARBOR, PR	20500	Deep Draft Single Purpose	SAJ	990	990	0	0	0	990
<b>SUBTOTAL</b>				<b>1,459</b>	<b>1,459</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,459</b>
<b>RHODE ISLAND</b>									
GREAT SALT POND, BLOCK ISLAND, RI	559	Deep Draft Single Purpose	NAE	25	25	0	0	0	25
PROVIDENCE RIVER & HARBOR	566	Deep Draft Single Purpose	NAE	1,307	1,276	31	0	0	1,276
SAKONNET HBR R.I.	568	Deep Draft Single Purpose	NAE	51	51	0	0	0	51
HARBOR OF REFUGE, BLOCK ISLAND	73445	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,383</b>	<b>1,352</b>	<b>31</b>	<b>0</b>	<b>0</b>	<b>1,352</b>
<b>SOUTH CAROLINA</b>									
CHARLESTON HARBOR SC	2980	Deep Draft Single Purpose	SAC	9,020	9,020	0	0	0	9,020
GEORGETOWN HARBOR SC	6480	Deep Draft Single Purpose	SAC	2,484	2,484	0	0	0	2,484
CHARLESTON HARBOR REDIVERSION (FISH LIFT), SC	8221	Deep Draft Single Purpose	SAC	22	0	22	0	0	0
PORT ROYAL HARBOR SC	14380	Deep Draft Single Purpose	SAC	51	51	0	0	0	51
SHIPYARD RIVER SC	16730	Deep Draft Single Purpose	SAC	30	30	0	0	0	30
COOPER RIVER CHARLESTON HARBOR SC	74354	Deep Draft Single Purpose	SAC	3,812	3,711	101	0	0	3,711
<b>SUBTOTAL</b>				<b>15,419</b>	<b>15,296</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>15,296</b>

**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>TEXAS</b>									
BRAZOS ISLAND HARBOR	1990	Deep Draft Single Purpose	SWG	4,532	4,531	1	0	0	4,531
CHANNEL TO PORT BOLIVAR	2930	Deep Draft Single Purpose	SWG	168	168	0	0	0	168
FREEPORT HARBOR	6170	Deep Draft Single Purpose	SWG	2,596	2,590	6	0	0	2,590
GALVESTON HARBOR AND CHANNEL	6340	Deep Draft Single Purpose	SWG	413	413	0	0	0	413
HOUSTON SHIP CHANNEL	7780	Deep Draft Single Purpose	SWG	7,114	7,114	0	0	0	7,114
CHANNEL TO RED BLUFF, TX	8213	Deep Draft Single Purpose	SWG	0	0	0	0	0	0
MSC, CHANNEL TO RED BLUFF	8213	Deep Draft Single Purpose	SWG	-31	-31	0	0	0	-31
MATAGORDA SHIP CHANNEL	10810	Deep Draft Single Purpose	SWG	5,731	5,729	2	0	0	5,729
CORPUS CHRISTI SHIP CHANNEL	14340	Deep Draft Single Purpose	SWG	6,929	6,921	8	0	0	6,921
SABINE-NECHES WATERWAY	15780	Deep Draft Single Purpose	SWG	6,363	6,304	59	0	0	6,304
TEXAS CITY CHANNEL	18130	Deep Draft Single Purpose	SWG	2,810	2,810	0	0	0	2,810
BAYPORT SHIP CHANNEL	88910	Deep Draft Single Purpose	SWG	1,620	1,620	0	0	0	1,620
GREENS BAYOU CHANNEL	88911	Deep Draft Single Purpose	SWG	379	379	0	0	0	379
BARBOUR TERMINAL SHIP CHANNEL	88912	Deep Draft Single Purpose	SWG	564	564	0	0	0	564
<b>SUBTOTAL</b>				<b>39,188</b>	<b>39,112</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>39,112</b>
<b>VIRGINIA</b>									
POTOMAC RIVER AT ALEXANDRIA	597	Deep Draft Single Purpose	NAB	0	0	0	0	0	0
DRIFT REMOVAL,HAMPTON ROADS(N.N.&NORFOLK HBR),VA	1002	Deep Draft Single Purpose	NAO	952	952	0	0	0	952
JAMES RIVER , VIRGINIA	8430	Deep Draft Single Purpose	NAO	3,162	3,162	0	0	0	3,162
NORFOLK HARBOR , VIRGINIA	12801	Deep Draft Single Purpose	NAO	7,067	7,067	0	0	0	7,067
PREVENTION OF OBSTRUCTIVE DEPOSITS , VIRGINIA	15170	Deep Draft Single Purpose	NAO	217	217	0	0	0	217
CHANNEL TO NEWPORT NEWS , VIRGINIA	73783	Deep Draft Single Purpose	NAO	114	114	0	0	0	114
THIMBLE SHOAL CHANNEL,VA	73800	Deep Draft Single Purpose	NAO	105	105	0	0	0	105

**APPENDIX C: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
YORK RIVER - VIRGINIA	73803	Deep Draft Single Purpose	NAO	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>11,617</b>	<b>11,617</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,617</b>
<b>WASHINGTON</b>									
BELLINGHAM HARBOR WA	1310	Deep Draft Single Purpose	NWS	105	105	0	0	0	105
EVERETT HARBOR AND SNOHOMISH RIVER	5700	Deep Draft Single Purpose	NWS	1,052	1,050	2	0	0	1,050
GRAYS HARBOR AND CHEHALIS RIVER	6770	Deep Draft Single Purpose	NWS	9,578	9,525	53	0	0	9,525
SETTLE HRB, EAST WWY CHAN DEEPENING	8264	Deep Draft Single Purpose	NWS	133	133	0	0	0	133
LAKE WASHINGTON SHIP CANAL	9400	Deep Draft Single Purpose	NWS	7,232	6,218	1,012	2	0	6,218
PUGET SOUND AND TRIBUTARY WATERS	13970	Deep Draft Single Purpose	NWS	1,005	1,005	0	0	0	1,005
WILLAPA RIVER AND HARBOR	19990	Deep Draft Single Purpose	NWS	1,600	1,601	-1	0	0	1,601
FRIDAY HARBOR	24370	Deep Draft Single Purpose	NWS	4	4	0	0	0	4
INTERNATIONAL WATER STUDIES	53906	Deep Draft Single Purpose	NWS	53	0	53	0	0	0
OLYMPIA HARBOR	67310	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
SEATTLE HARBOR	67318	Deep Draft Single Purpose	NWS	235	235	0	0	0	235
TACOMA HARBOR	72902	Deep Draft Single Purpose	NWS	20	20	0	0	0	20
LAKE CROCKETT (KEYSTONE HARBOR)	72920	Deep Draft Single Purpose	NWS	9	9	0	0	0	9
EDIZ HOOK	79205	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
KENMORE NAVIGATION CHANNEL	87153	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>21,026</b>	<b>19,905</b>	<b>1,119</b>	<b>2</b>	<b>0</b>	<b>19,905</b>
<b>WISCONSIN</b>									
ASHLAND HARBOR WISCONSIN	630	Deep Draft Single Purpose	LRE	4	4	0	0	0	4
GREEN BAY WISCONSIN	6910	Deep Draft Single Purpose	LRE	1,610	1,610	0	0	0	1,610
KENOSHA HARBOR WISCONSIN	8910	Deep Draft Single Purpose	LRE	79	79	0	0	0	79

**APPENDIX C: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
MILWAUKEE HARBOR WISCONSIN	11270	Deep Draft Single Purpose	LRE	396	396	0	0	0	396
PORT WASHINGTON HARBOR WISCONSIN	14420	Deep Draft Single Purpose	LRE	23	23	0	0	0	23
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0		0	0	0	0
STURGEON BAY WISCONSIN	17660	Deep Draft Single Purpose	LRE	238	238	0	0	0	238
TWO RIVERS HARBOR WISCONSIN	18710	Deep Draft Single Purpose	LRE	452	452	0	0	0	452
OCONTO HARBOR WISCONSIN	23370	Deep Draft Single Purpose	LRE	84	84	0	0	0	84
SHEBOYGAN HARBOR WISCONSIN	66700	Deep Draft Single Purpose	LRE	105	105	0	0	0	105
GREEN BAY HARBOR - DIKE DISPOSAL	74180	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
PORT WING HARBOR WISCONSIN	74190	Deep Draft Single Purpose	LRE	46	46	0	0	0	46
KEWAUNEE HARBOR WISCONSIN	76050	Deep Draft Single Purpose	LRE	93	93	0	0	0	93
<b>SUBTOTAL</b>				<b>3,310</b>	<b>3,309</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3,309</b>
<b>TOTAL</b>				<b>584,225</b>	<b>551,983</b>	<b>27,115</b>	<b>5,127</b>	<b>2,201</b>	<b>554,184</b>

**APPENDIX C: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU CODEN	74520	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
BON SECOUR RIVER	76060	Shallow Draft Single Purpose	SAM	1,370	1,370	0	0	0	1,370
DAUPHIN ISLAND BAY	4480	Shallow Draft Single Purpose	SAM	199	199	0	0	0	199
DOG AND FOWL RIVERS	20710	Shallow Draft Single Purpose	SAM	171	171	0	0	0	171
FLY CREEK	5970	Shallow Draft Single Purpose	SAM	19	19	0	0	0	19
PERDIDO PASS CHANNEL	13880	Shallow Draft Single Purpose	SAM	94	94	0	0	0	94
PROJECT CONDITION SURVEYS	14616	Shallow Draft Single Purpose	SAM	345	345	0	0	0	345
<b>SUBTOTAL</b>				<b>2,198</b>	<b>2,198</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,198</b>
<b>ALASKA</b>									
DILLINGHAM SMALL BOAT HARBOR	4800	Shallow Draft Single Purpose	POA	725	725	0	0	0	725
DOUGLAS HARBOR	72789	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
NAKNEK RIVER	72756	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
NINILCHIK HARBOR	12640	Shallow Draft Single Purpose	POA	179	179	0	0	0	179
NOME HARBOR	72742	Shallow Draft Single Purpose	POA	460	460	0	0	0	460
PROJECT CONDITION SURVEYS	14613	Shallow Draft Single Purpose	POA	511	511	0	0	0	511
PROJECT CONDITION SURVEYS, AK	76502	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
WRANGELL HARBOR	21500	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,875</b>	<b>1,875</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875</b>
<b>ARKANSAS</b>									
HELENA HARBOR	7440	Shallow Draft Single Purpose	MVM	268	268	0	0	0	268
HELENA HARBOR, PHILLIPS COUNTY, AR	7441	Shallow Draft Single Purpose	MVM	268	237	31	0	0	237
JACKSON PORT STATE PARK	87076	Shallow Draft Single Purpose	SWL	0	0	0	0	0	0

**APPENDIX C: TABLE 1S**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OSCEOLA HARBOR	13430	Shallow Draft Single Purpose	MVM	351	351	0	0	0	351
YELLOW BEND PORT, AR	87282	Shallow Draft Single Purpose	MVK	50	50	0	0	0	50
<b>SUBTOTAL</b>				<b>937</b>	<b>906</b>	<b>31</b>	<b>0</b>	<b>0</b>	<b>906</b>
<b>CALIFORNIA</b>									
BODEGA BAY, CA	1850	Shallow Draft Single Purpose	SPN	172	172	0	0	0	172
LARKSPUR FERRY CHANNEL, CA	75536	Shallow Draft Single Purpose	SPN	2,661	2,661	0	0	0	2,661
NOYO RIVER AND HARBOR	12940	Shallow Draft Single Purpose	SPN	466	466	0	0	0	466
PETALUMA RIVER	13940	Shallow Draft Single Purpose	SPN	2	2	0	0	0	2
PILLAR POINT (HALFMOON BAY) HARBOR	74701	Shallow Draft Single Purpose	SPN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS CA	14618	Shallow Draft Single Purpose	SPL	112	112	0	0	0	112
PROJECT CONDITION SURVEYS (SPN)	14619	Shallow Draft Single Purpose	SPN	884	884	0	0	0	884
PROJECT CONDITION SURVEYS, CA	76506	Shallow Draft Single Purpose	SPL	0	0	0	0	0	0
REDONDO BEACH-KING HARBOR	74722	Shallow Draft Single Purpose	SPL	0	0	0	0	0	0
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL)	8187	Shallow Draft Single Purpose	SPK	158	16	142	0	0	16
SACRAMENTO RIVER DEBRIS CONTROL	15810	Shallow Draft Single Purpose	SPK	1,078	169	909	0	0	169
SAN LEANDRO MARINA - JACK D. MALTESTER CHANNEL	76063	Shallow Draft Single Purpose	SPN	1,995	1,995	0	0	0	1,995
SAN RAFAEL CREEK, CA	74709	Shallow Draft Single Purpose	SPN	-98	-98	0	0	0	-98
YUBGA RIVER DEBRIS TREATMENT	20410	Shallow Draft Single Purpose	SPK	17	-6	23	0	0	-6
<b>SUBTOTAL</b>				<b>7,447</b>	<b>6,373</b>	<b>1,074</b>	<b>0</b>	<b>0</b>	<b>6,373</b>
<b>CONNECTICUT</b>									
CLINTON HBR CT	39136	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
FIVE MILE RIVER, CT	5910	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
GUILFORD HARBOR,GUILFORD,CT	231	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0



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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
PROJECT CONDITION SURVEYS, CT	76509	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DELAWARE</b>									
CEDAR CREEK	87211	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
INDIAN RIVER INLET & BAY	8110	Shallow Draft Single Purpose	NAP	6	6	0	0	0	6
IWW REHOBOTH BAY TO DELAWARE BAY (LEWES & REHOBETH CANAL)	8170	Shallow Draft Single Purpose	NAP	416	416	0	0	0	416
MISPILLION RIVER	73857	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
MURDERKILL RIVER	12020	Shallow Draft Single Purpose	NAP	-37	-37	0	0	0	-37
<b>SUBTOTAL</b>				<b>385</b>	<b>385</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>385</b>
<b>FLORIDA</b>									
ANCLOTE RIVER, FL	74478	Shallow Draft Single Purpose	SAJ	-124	-124	0	0	0	-124
APALACHICOLA BAY	430	Shallow Draft Single Purpose	SAM	780	780	0	0	0	780
BLACKWATER RIVER	23230	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
CEDAR ISLAND-KEATON BEACH	87215	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
CENTRAL AND SOUTHERN FLORIDA	2860	Shallow Draft Multiple Purpose w/o Alloc	SAJ	13,475	1,467	12,008	0	0	1,467
CHANNEL FROM NAPLES TO BIG MARCO PASS FL	12150	Shallow Draft Single Purpose	SAJ	9	9	0	0	0	9
CLEARWATER PASS, FLORIDA	3400	Shallow Draft Single Purpose	SAJ	57	57	0	0	0	57
CROSS FLORIDA BARGE CANAL	4300	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
EAST PASS CHANNEL	4980	Shallow Draft Single Purpose	SAM	25	25	0	0	0	25
ESCAMBIA-CONECUH RIVERS	5620	Shallow Draft Single Purpose	SAM	205	205	0	0	0	205
FORT MYERS BEACH FL	6220	Shallow Draft Single Purpose	SAJ	1,641	1,641	0	0	0	1,641
HORSESHOE COVE, FL	74495	Shallow Draft Single Purpose	SAJ	58	45	13	0	0	45
IWW CALOOSAHATCHEE RIVER TO ANCLOTE RIVER	2480	Shallow Draft Single Purpose	SAJ	105	100	5	0	0	100
JOHNS PASS, FL	1001	Shallow Draft Single Purpose	SAJ	3	3	0	0	0	3

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
LA GRANGE BAYOU	9280	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
LONG BOAT PASS, FL	23100	Shallow Draft Single Purpose	SAJ	21	21	0	0	0	21
NEW PASS, FL	74483	Shallow Draft Single Purpose	SAJ	34	34	0	0	0	34
OKEECHOBEE WATERWAY FL	13240	Shallow Draft Single Purpose	SAJ	5,222	4,226	996	0	0	4,226
OKLAWAHA RIVER FL	13250	Shallow Draft Single Purpose	SAJ	2	2	0	0	0	2
PANACEA HARBOR	7511	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
PONCE DE LEON INLET FL	14310	Shallow Draft Single Purpose	SAJ	2,889	2,887	2	0	0	2,887
PROJECT CONDITION SURVEYS	14615	Shallow Draft Single Purpose	SAJ	892	892	0	0	0	892
REMOVAL OF AQUATIC GROWTH, FL	15180	Shallow Draft Single Purpose	SAJ	5,115	5,115	0	0	0	5,115
ST LUCIE INLET FL	17370	Shallow Draft Single Purpose	SAJ	669	669	0	0	0	669
ST. AUGUSTINE HARBOR, FL	75027	Shallow Draft Single Purpose	SAJ	7	7	0	0	0	7
ST. MARKS RIVER	74542	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
STEINHATCHEE RIVER	74508	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
SUWANNEE RIVER	74391	Shallow Draft Single Purpose	SAJ	387	382	5	0	0	382
WITHLACOOCHIE RIVER	74393	Shallow Draft Single Purpose	SAJ	4	4	0	0	0	4
<b>SUBTOTAL</b>				<b>31,476</b>	<b>18,447</b>	<b>13,029</b>	<b>0</b>	<b>0</b>	<b>18,447</b>
<b>GEORGIA</b>									
HARTWELL LAKE	7380	Shallow Draft Multiple Purpose w/ Alloc	SAS	12,548	-39	11,384	1,203	56	17
J STROM THURMOND DAM & RES	3350	Shallow Draft Multiple Purpose w/ Alloc	SAS	10,595	-2,244	9,413	3,426	274	-1,970
SAVANNAH RIVER BELOW AUGUSTA	16450	Shallow Draft Single Purpose	SAS	197	122	32	43	0	122
<b>SUBTOTAL</b>				<b>23,340</b>	<b>-2,161</b>	<b>20,829</b>	<b>4,672</b>	<b>330</b>	<b>-1,831</b>
<b>HAWAII</b>									
HALEIWA SMALL BOAT HBR, OAHU, HI	73356	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
MANELE SB HARBOR, LANAI, HI	21050	Shallow Draft Single Purpose	POH	0	0	0	0	0	0

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PROJECT CONDITION SURVEY	14620	Shallow Draft Single Purpose	POH	622	622	0	0	0	622
PROJECT CONDITION SURVEYS, HI	76515	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>622</b>	<b>622</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>622</b>
<b>ILLINOIS</b>									
ANDALUSIA HARBOR, IL	88826	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
ILLINOIS AND MISSISSIPPI CANAL IL	47032	Shallow Draft Single Purpose	MVR	119	0	119	0	0	0
LAKE MICHIGAN DIVERSION	8218	Shallow Draft Single Purpose	LRC	804	804	0	0	0	804
PROJECT CONDITION SURVEY	14611	Shallow Draft Single Purpose	LRC	83	83	0	0	0	83
<b>SUBTOTAL</b>				<b>1,006</b>	<b>887</b>	<b>119</b>	<b>0</b>	<b>0</b>	<b>887</b>
<b>INDIANA</b>									
BURNS WATERWAY SBH	87387	Shallow Draft Single Purpose	LRC	2	2	0	0	0	2
<b>SUBTOTAL</b>				<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>IOWA</b>									
FT. MADISON, IA	88828	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>KENTUCKY</b>									
BIG SANDY HARBOR	10222	Shallow Draft Single Purpose	LRH	602	602	0	0	0	602
ELVIS STAHR HARBOR, PORT OF HICKMAN	22020	Shallow Draft Single Purpose	MVM	312	312	0	0	0	312
<b>SUBTOTAL</b>				<b>914</b>	<b>914</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>914</b>
<b>LOUISIANA</b>									
BARATARIA BAY WATERWAY	900	Shallow Draft Single Purpose	MVN	141	141	0	0	0	141

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BATON ROUGE HARBOR (DEVIL'S SWAMP), LA	77053	MR&T Single Purpose	MVN	320	320	0	0	0	320
BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY	2310	Shallow Draft Single Purpose	MVN	13	13	0	0	0	13
BAYOU SEGNETTE WATERWAY, LA	24	Shallow Draft Single Purpose	MVN	99	99	0	0	0	99
BAYOU TECHE LA	1150	Shallow Draft Single Purpose	MVN	1,204	1,197	7	0	0	1,197
BAYOU TECHE & VERMILION RIVER,LA	1160	Shallow Draft Single Purpose	MVN	39	39	0	0	0	39
CADDO LAKE	2330	Shallow Draft Multiple Purpose w/o Alloc	MVK	107	0	107	0	0	0
CHEFUNCTE RIVER	174	Shallow Draft Single Purpose	MVN	0	0	0	0	0	0
FRESHWATER BAYOU	6200	Shallow Draft Single Purpose	MVN	6,775	6,775	0	0	0	6,775
LAKE PROVIDENCE HARBOR LA	9360	Shallow Draft Single Purpose	MVK	403	403	0	0	0	403
MADISON PARISH PORT LA	87168	Shallow Draft Single Purpose	MVK	54	54	0	0	0	54
MISS RIVER OUTLETS AT VENICE LA	63	Shallow Draft Single Purpose	MVN	1,764	1,764	0	0	0	1,764
PROJECT CONDITION SURVEYS	14602	Shallow Draft Single Purpose	MVN	18	18	0	0	0	18
REMOVAL OF AQUATIC GROWTH	15171	Shallow Draft Single Purpose	MVN	1,147	1,146	1	0	0	1,146
TANGIPAHOA	17970	Shallow Draft Single Purpose	MVN	2	2	0	0	0	2
WATERWAY FROM EMPIRE, LA TO THE GULF OF MEXICO	202	Shallow Draft Single Purpose	MVN	1	1	0	0	0	1
WATERWAY FROM IWW TO B DULAC	188	Shallow Draft Single Purpose	MVN	21	21	0	0	0	21
<b>SUBTOTAL</b>				<b>12,108</b>	<b>11,993</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>11,993</b>
<b>MAINE</b>									
BELFAST HARBOR, ME	21750	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
INTL. ST. CROIX RVR BOARD	53902	Shallow Draft Single Purpose	NAE	16	16	0	0	0	16
INTL. WATER ST. CROIX RVR BOARD	53903	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
KENNEBUNK RIVER, ME	8900	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
NARRAGUAGUS RIVER, ME	359	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, ME	76523	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
UNION RIVER, ME	387	Shallow Draft Single Purpose	NAE	1,124	1,124	0	0	0	1,124

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WELLS HARBOR, ME	39023	Shallow Draft Single Purpose	NAE	1,646	1,646	0	0	0	1,646
<b>SUBTOTAL</b>				<b>2,786</b>	<b>2,786</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,786</b>
<b>MARYLAND</b>									
CHESTER RIVER	73557	Shallow Draft Single Purpose	NAB	829	829	0	0	0	829
CRISFIELD HARBOR	73559	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
DUCK POINT	73580	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
FISHING CREEK MD	73584	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
HERRING BAY AND ROCKHOLD CREEK	73585	Shallow Draft Single Purpose	NAB	23	23	0	0	0	23
HONGA RIVER & TAR BAY	22690	Shallow Draft Single Purpose	NAB	25	25	0	0	0	25
KNAPPS NARROWS	73589	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
LITTLE WICOMICO RIVER	9980	Shallow Draft Single Purpose	NAB	480	480	0	0	0	480
LOWER THOROFARE DEAL ISLAND MD	73592	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
MUDDY HOOK & TYLER COVES	40025	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
NANTICOKE AT NANTICOKE	73564	Shallow Draft Single Purpose	NAB	15	15	0	0	0	15
NANTICOKE RIVER NORTHWEST FORK	73549	Shallow Draft Single Purpose	NAB	52	52	0	0	0	52
NEALE SOUND MD	73566	Shallow Draft Single Purpose	NAB	30	30	0	0	0	30
NORTHEAST RIVER	27009	Shallow Draft Single Purpose	NAB	20	20	0	0	0	20
OCEAN CITY HARBOR & INLET & SINEPUXENT	73567	Shallow Draft Single Purpose	NAB	722	722	0	0	0	722
POCOMOKE RIVER	73570	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14604	Shallow Draft Single Purpose	NAB	219	219	0	0	0	219
RHODES PT TO TYLERTON	73574	Shallow Draft Single Purpose	NAB	62	62	0	0	0	62
SHALLOW CREEK, MD	87544	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
ST JEROME	73579	Shallow Draft Single Purpose	NAB	41	41	0	0	0	41
TWITCH COVE & BIG THOROFARE	73602	Shallow Draft Single Purpose	NAB	63	63	0	0	0	63
UPPER THOROFARE RIVER MD	73604	Shallow Draft Single Purpose	NAB	32	32	0	0	0	32

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WICOMICO RIVER	73606	Shallow Draft Single Purpose	NAB	896	896	0	0	0	896
<b>SUBTOTAL</b>				<b>3,509</b>	<b>3,509</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,509</b>
<b>MASSACHUSETTS</b>									
ANDREWS RIVER	87009	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
AUNT LYDIAS COVE, MA	87674	Shallow Draft Single Purpose	NAE	408	408	0	0	0	408
CHATHAM (STAGE) HARBOR	39001	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
COHASSET HARBOR, MA	3560	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
CUTTYHUNK HARBOR	409	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
GREEN HARBOR	6920	Shallow Draft Single Purpose	NAE	331	331	0	0	0	331
NEWBURYPORT HARBOR	39018	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14607	Shallow Draft Single Purpose	NAE	3,076	3,068	8	0	0	3,068
SCITUATE HARBOR, MA	39065	Shallow Draft Single Purpose	NAE	47	47	0	0	0	47
PROJECT CONDITION SURVEYS, MA	76525	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
SESUIT HARBOR, MA	8193	Shallow Draft Single Purpose	NAE	200	200	0	0	0	200
HYANNIS HARBOR, MA	421	Shallow Draft Single Purpose	NAE	68	68	0	0	0	68
<b>SUBTOTAL</b>				<b>4,130</b>	<b>4,122</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>4,122</b>
<b>MICHIGAN</b>									
ARCADIA HARBOR MICHIGAN	46063	Shallow Draft Single Purpose	LRE	96	96	0	0	0	96
AU SABLE HARBOR MICHIGAN	770	Shallow Draft Single Purpose	LRE	266	266	0	0	0	266
BAY PORT HARBOR MICHIGAN	76062	Shallow Draft Single Purpose	LRE	96	96	0	0	0	96
BIG BAY HARBOR MICHIGAN	1410	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
BLACK RIVER UPPER PENINSULA MICHIGAN	1640	Shallow Draft Single Purpose	LRE	112	112	0	0	0	112
BOLLES HARBOR MICHIGAN	87750	Shallow Draft Single Purpose	LRE	262	261	1	0	0	261
CASEVILLE HARBOR MICHIGAN	74199	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0

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CEDAR RIVER HARBOR, MI	2820	Shallow Draft Single Purpose	LRE	544	544	0	0	0	544
CLINTON RIVER MICHIGAN	3490	Shallow Draft Single Purpose	LRE	716	716	0	0	0	716
GRAND TRAVERSE BAY HARBOR MICHIGAN	6730	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
GREAT LAKES RECREATIONAL BOATING, MI	10661	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
GREILICKVILLE (TRAVERSE CITY) HARBOR	46103	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
HARRISVILLE HARBOR MICHIGAN	53550	Shallow Draft Single Purpose	LRE	11	11	0	0	0	11
INLAND ROUTE MICHIGAN	48140	Shallow Draft Single Purpose	LRE	23	23	0	0	0	23
LAC LABELLE HARBOR MICHIGAN	9210	Shallow Draft Single Purpose	LRE	12	12	0	0	0	12
LELAND HARBOR MICHIGAN	46018	Shallow Draft Single Purpose	LRE	152	152	0	0	0	152
LEXINGTON HARBOR MICHIGAN	74006	Shallow Draft Single Purpose	LRE	1	1	0	0	0	1
LEXINGTON HARBOR - MITIGATION OF SHORE DAMAGE	73909	Shallow Draft Single Purpose	LRE	7	7	0	0	0	7
LITTLE LAKE HARBOR MICHIGAN	9890	Shallow Draft Single Purpose	LRE	434	434	0	0	0	434
NEW BUFFALO HARBOR MICHIGAN	1020	Shallow Draft Single Purpose	LRE	137	137	0	0	0	137
PETOSKEY HARBOR MICHIGAN	74170	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
POINT LOOKOUT HARBOR MICHIGAN	14220	Shallow Draft Single Purpose	LRE	486	486	0	0	0	486
PORT AUSTIN HARBOR MICHIGAN	74213	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
PORT SANILAC HARBOR MICHIGAN	46039	Shallow Draft Single Purpose	LRE	283	283	0	0	0	283
PORT SANILAC HARBOR - MITIGATION OF SHORE DAMAGE	14410	Shallow Draft Single Purpose	LRE	10	10	0	0	0	10
PROJECT CONDITION SURVEYS MI WI & MN	14612	Shallow Draft Single Purpose	LRE	205	205	0	0	0	205
SAUGATUCK HARBOR MICHIGAN	16390	Shallow Draft Single Purpose	LRE	484	459	25	0	0	459
SEBEWAING RIVER MICHIGAN	76061	Shallow Draft Single Purpose	LRE	35	35	0	0	0	35
WHITEFISH POINT HARBOR MICHIGAN	19850	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>4,372</b>	<b>4,346</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>4,346</b>
<b>MINNESOTA</b>									
INTERNATIONAL WATER STUDIES, MINNESOTA	53900	Shallow Draft Single Purpose	MVP	68	68	0	0	0	68

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MINNESOTA RIVER	11310	Shallow Draft Single Purpose	MVP	161	161	0	0	0	161
PROJECT CONDITION SURVEYS, MINNESOTA	14603	Shallow Draft Single Purpose	MVP	13	13	0	0	0	13
PROJECT CONDITION SURVEYS, MN	76527	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
ST PAUL SMALL BOAT HARBOR	88807	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53901	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	76627	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
WARROAD HARBOR MN	48011	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
WINONA SMALL BOAT HARBOR, MN	88816	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>242</b>	<b>242</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>242</b>
<b>MISSISSIPPI</b>									
BILOXI HARBOR	1520	Shallow Draft Single Purpose	SAM	163	162	1	0	0	162
CADET BAYOU	20600	Shallow Draft Single Purpose	SAM	26	26	0	0	0	26
CLAIBORNE COUNTY PORT	87249	Shallow Draft Single Purpose	MVK	55	55	0	0	0	55
GREENVILLE HARBOR, MS	77051	MR&T Single Purpose	MVK	191	191	0	0	0	191
MOUTH OF YAZOO RIVER	493	Shallow Draft Single Purpose	MVK	79	79	0	0	0	79
PASS CHRISTIAN HARBOR	74564	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
ROSEDALE HARBOR MS	87072	Shallow Draft Single Purpose	MVK	295	295	0	0	0	295
VICKSBURG HARBOR, MS	77052	MR&T Single Purpose	MVK	220	220	0	0	0	220
WOLF AND JORDAN RIVERS	20160	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
YAZOO RIVER MS	20350	Shallow Draft Single Purpose	MVK	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,029</b>	<b>1,029</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1,029</b>
<b>MISSOURI</b>									
CARUTHERSVILLE HARBOR	87092	Shallow Draft Single Purpose	MVM	436	436	0	0	0	436
HANNIBAL SBH, MO	88830	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0



**APPENDIX C: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
NEW MADRID HARBOR, MO.	33012	Shallow Draft Single Purpose	MVM	255	255	0	0	0	255
PROJECT CONDITION SURVEYS	14601	Shallow Draft Single Purpose	MVM	27	27	0	0	0	27
SOUTHEAST MO PORT, MS R, MO	87404	Shallow Draft Single Purpose	MVS	286	286	0	0	0	286
<b>SUBTOTAL</b>				<b>1,004</b>	<b>1,004</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,004</b>
<b>NEW HAMPSHIRE</b>									
COCHECO RIVER, NH	505	Shallow Draft Single Purpose	NAE	62	62	0	0	0	62
LITTLE HARBOR, NH	509	Shallow Draft Single Purpose	NAE	1,366	1,334	32	0	0	1,334
PROJECT CONDITION SURVEYS, NH	76533	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,428</b>	<b>1,396</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>1,396</b>
<b>NEW JERSEY</b>									
		Shallow Draft Single Purpose							
BARNEGAT INLET	950	Shallow Draft Single Purpose	NAP	1,711	1,711	0	0	0	1,711
MANASQUAN RIVER	10450	Shallow Draft Single Purpose	NAP	190	190	0	0	0	190
NEW JERSEY INTRACOASTAL WATERWAY	8190	Shallow Draft Single Purpose	NAP	2,062	2,053	9	0	0	2,053
PROJECT CONDITION SURVEYS, NJ	76534	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHARK RIVER	41007	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHOAL HARBOR & COMPTON CREEK	41035	Shallow Draft Single Purpose	NAN	25	25	0	0	0	25
SHREWSBURY RIVER NJ	16780	Shallow Draft Single Purpose	NAN	124	124	0	0	0	124
TUCKERTON CREEK, NJ	18580	Shallow Draft Single Purpose	NAP	-1	-1	0	0	0	-1
<b>SUBTOTAL</b>				<b>4,111</b>	<b>4,102</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>4,102</b>
<b>NEW YORK</b>									
BARCELONA HARBOR	44036	Shallow Draft Single Purpose	LRB	5	5	0	0	0	5
BRONX RIVER	41057	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
CATSKILL CREEK, NY	80250	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0

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**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
CATTARAUGUS CREEK HARBOR	73920	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
EAST ROCKAWAY INLET	5220	Shallow Draft Single Purpose	NAN	2,230	2,230	0	0	0	2,230
EASTCHESTER CREEK	41004	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
FIRE ISLAND INLET	5890	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
FIRE ISLAND TO JONES INLET	5880	Shallow Draft Multiple Purpose w/o Alloc	NAN	148	148	0	0	0	148
GLEN COVE CREEK	73686	Shallow Draft Single Purpose	NAN	1,299	1,299	0	0	0	1,299
GREAT KILLS HARBOR	73690	Shallow Draft Single Purpose	NAN	35	35	0	0	0	35
GREAT SOUTH BAY	60570	Shallow Draft Single Purpose	NAN	158	158	0	0	0	158
IRONDEQUOIT BAY HARBOR	8220	Shallow Draft Single Purpose	LRB	3	3	0	0	0	3
JONES INLET NY	41006	Shallow Draft Single Purpose	NAN	19	19	0	0	0	19
LAKE MONTAUK HARBOR	9340	Shallow Draft Single Purpose	NAN	10	10	0	0	0	10
LONG ISLAND INTRACOASTAL WATERWAY	10040	Shallow Draft Single Purpose	NAN	289	289	0	0	0	289
MAMARONECK HARBOR	41005	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
MATTITUCK HARBOR	41082	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
MORICHES INLET	11840	Shallow Draft Single Purpose	NAN	75	75	0	0	0	75
NARROWS OF LAKE CHAMPLAIN	12200	Shallow Draft Single Purpose	NAN	769	769	0	0	0	769
OAK ORCHARD HARBOR	12980	Shallow Draft Single Purpose	LRB	62	62	0	0	0	62
PLATTSBURGH HARBOR	73746	Shallow Draft Single Purpose	NAN	188	187	1	0	0	187
PORTCHESTER HARBOR	73747	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14920	Shallow Draft Single Purpose	NAN	1,982	1,982	0	0	0	1,982
PROJECT CONDITION SURVEYS	14610	Shallow Draft Single Purpose	LRB	140	140	0	0	0	140
PROJECT CONDITION SURVEYS, NY	76535	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, NY	76536	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
RONDOUT HARBOR	73705	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
ROUSSES POINT, NY	73707	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SAG HARBOR, NY	73708	Shallow Draft Single Purpose	NAN	1,615	1,615	0	0	0	1,615

**APPENDIX C: TABLE 1S**  
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**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
SAUGERTIES HARBOR	73709	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHINNECOCK INLET	73644	Shallow Draft Single Purpose	NAN	1,454	1,454	0	0	0	1,454
STURGEON POINT SMALL BOAT HARBOR	87433	Shallow Draft Single Purpose	LRB	21	21	0	0	0	21
WESTCHESTER CREEK	41003	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
WILSON HARBOR	73938	Shallow Draft Single Purpose	LRB	18	18	0	0	0	18
<b>SUBTOTAL</b>				<b>10,520</b>	<b>10,519</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10,519</b>
<b>NORTH CAROLINA</b>									
ATLANTIC BEACH CHANNELS NC	7604	Shallow Draft Single Purpose	SAW	15	15	0	0	0	15
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT	2890	Shallow Draft Single Purpose	SAW	65	65	0	0	0	65
LOCKWOODS FOLLY RIVER NC	10020	Shallow Draft Single Purpose	SAW	429	429	0	0	0	429
MANTEO (SHALLOWBAG) BAY NC	10580	Shallow Draft Single Purpose	SAW	6,235	6,234	1	0	0	6,234
OCRACOKE INLET NC	529	Shallow Draft Single Purpose	SAW	84	84	0	0	0	84
PAMLICO AND TAR RIVERS NC	74615	Shallow Draft Single Purpose	SAW	94	94	0	0	0	94
PROJECT CONDITION SURVEYS	14617	Shallow Draft Single Purpose	SAW	39	39	0	0	0	39
ROLLINSON CHANNEL, NC	15490	Shallow Draft Single Purpose	SAW	291	291	0	0	0	291
SHALLOTTE RIVER, NC	16660	Shallow Draft Single Purpose	SAW	35	35	0	0	0	35
SILVER LAKE HARBOR NC	16800	Shallow Draft Single Purpose	SAW	776	776	0	0	0	776
WW CONNECTING PAMLICO SOUND & BEAUFORT HBR, NC	74632	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>8,063</b>	<b>8,063</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8,063</b>
<b>NORTH DOKOTA</b>									
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	76638	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**APPENDIX C: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>OHIO</b>									
PORT CLINTON HARBOR	21540	Shallow Draft Single Purpose	LRB	2	2	0	0	0	2
PORTSMOUTH HARBOR	10221	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
PUT-IN-BAY, OH	8296	Shallow Draft Single Purpose	LRB	8	8	0	0	0	8
ROCKY RIVER OH	44072	Shallow Draft Single Purpose	LRB	1,242	1,242	0	0	0	1,242
TOUSSAINT RIVER, OH	87453	Shallow Draft Single Purpose	LRB	226	226	0	0	0	226
VERMILION HARBOR	44003	Shallow Draft Single Purpose	LRB	385	369	16	0	0	369
WEST HARBOR	74025	Shallow Draft Single Purpose	LRB	51	51	0	0	0	51
<b>SUBTOTAL</b>				<b>1,914</b>	<b>1,898</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>1,898</b>
<b>OREGON</b>									
CHETCO RIVER OR	3130	Shallow Draft Single Purpose	NWP	521	521	0	0	0	521
COQUILLE RIVER OR	3900	Shallow Draft Single Purpose	NWP	258	258	0	0	0	258
DEPOE BAY OR	4610	Shallow Draft Single Purpose	NWP	120	120	0	0	0	120
PROJECT CONDITION SURVEYS	14608	Shallow Draft Single Purpose	NWP	36	36	0	0	0	36
PROJECT CONDITION SURVEYS, OR	76541	Shallow Draft Single Purpose	NWP	0	0	0	0	0	0
ROGUE RIVER AT GOLD BEACH OR	15600	Shallow Draft Single Purpose	NWP	795	795	0	0	0	795
YAQUINA RIVER	20300	Shallow Draft Single Purpose	NWP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,730</b>	<b>1,730</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,730</b>
<b>PENNSYLVANIA</b>									
PROJECT CONDITION SURVEYS	14606	Shallow Draft Single Purpose	NAP	47	47	0	0	0	47
PROJECT CONDITION SURVEYS	14606	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, PA	76542	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>47</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47</b>

**APPENDIX C: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>PUERTO RICO</b>									
AGUADILLA HARBOR, PUERTO RICO	87427	Shallow Draft Single Purpose	SAJ	24	24	0	0	0	24
<b>SUBTOTAL</b>				<b>24</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>
<b>RHODE ISLAND</b>									
PROJECT CONDITION SURVEYS, RI	76544	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SOUTH CAROLINA</b>									
FOLLY RIVER SC	87088	Shallow Draft Single Purpose	SAC	420	420	0	0	0	420
LITTLE RIVER INLET SC, NC	9930	Shallow Draft Single Purpose	SAC	3	3	0	0	0	3
MURRELLS INLET SC	12030	Shallow Draft Single Purpose	SAC	414	414	0	0	0	414
PROJECT CONDITION SURVEYS	14614	Shallow Draft Single Purpose	SAC	60	60	0	0	0	60
TOWN CREEK SC	1	Shallow Draft Single Purpose	SAC	369	369	0	0	0	369
<b>SUBTOTAL</b>				<b>1,266</b>	<b>1,266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,266</b>
<b>TENNESSEE</b>									
MEMPHIS HARBOR (MCKELLAR LAKE), TN	77050	MR&T Single Purpose	MVM	1,858	1,669	189	0	0	1,669
WOLF RIVER HARBOR	20150	Shallow Draft Single Purpose	MVM	104	104	0	0	0	104
<b>SUBTOTAL</b>				<b>1,962</b>	<b>1,773</b>	<b>189</b>	<b>0</b>	<b>0</b>	<b>1,773</b>
<b>TEXAS</b>									
BENBROOK LAKE	1350	Shallow Draft Multiple Purpose w/o Alloc	SWF	1,794	0	1,794	0	0	0
CEDAR BAYOU	2810	Shallow Draft Single Purpose	SWG	31	31	0	0	0	31
CLEAR CREEK AND LAKE, TX	3330	Shallow Draft Single Purpose	SWG	0	0	0	0	0	0
DOUBLE BAYOU, TX	4930	Shallow Draft Single Purpose	SWG	936	936	0	0	0	936
GRAPEVINE LAKE	6760	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,296	-1	2,297	0	0	-1

**APPENDIX C: TABLE 1S**  
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**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
LAKE O THE PINES	5850	Shallow Draft Multiple Purpose w/o Alloc	SWF	3,579	-133	3,712	0	0	-133
SAM RAYBURN DAM AND RES	16040	Shallow Draft Multiple Purpose w/o Alloc	SWF	3,993	-136	3,180	949	0	-136
TRINITY RIVER & TRIBUTARIES	18510	Shallow Draft Single Purpose	SWG	552	552	0	0	0	552
WALLISVILLE LAKE	19380	Shallow Draft Multiple Purpose w/ Alloc	SWG	879	180	80	619	124	304
<b>SUBTOTAL</b>				<b>14,060</b>	<b>1,429</b>	<b>11,063</b>	<b>1,568</b>	<b>124</b>	<b>1,553</b>
<b>VERMONT</b>									
BURLINGTON HARBOR BREAKWATER	73727	Shallow Draft Single Purpose	NAN	2,123	2,123	0	0	0	2,123
<b>SUBTOTAL</b>				<b>2,123</b>	<b>2,123</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,123</b>
<b>VIRGINIA</b>									
APPOMATTOX RIVER , VIRGINIA	30580	Shallow Draft Single Purpose	NAO	385	385	0	0	0	385
BENNETTS CREEK	87461	Shallow Draft Single Purpose	NAO	70	70	0	0	0	70
CHINCOTEAGUE BAY CHANNEL	10890	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
CHINCOTEAGUE INLET , VIRGINIA	76106	Shallow Draft Single Purpose	NAO	111	111	0	0	0	111
DAVIS CREEK, VA	81397	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
GREENVALE CREEK, VA	76345	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
HOSKINS CREEK, VA.	20920	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
JACKSON CREEK, VA	27031	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
LYNNHAVEN INLET , VIRGINIA	10310	Shallow Draft Single Purpose	NAO	336	336	0	0	0	336
NANDUA CREEK	73782	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
OCCOQUAN CREEK, VA	595	Shallow Draft Single Purpose	NAB	20	20	0	0	0	20
OYSTER CHANNEL VA	73792	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
PAGAN RIVER,VA	73793	Shallow Draft Single Purpose	NAO	59	59	0	0	0	59
POTOMAC RIVER AT MT VERNON,VA	598	Shallow Draft Single Purpose	NAB	572	572	0	0	0	572
PROJECT CONDITION SURVEYS, VIRGINIA	14605	Shallow Draft Single Purpose	NAO	616	615	1	0	0	615

**APPENDIX C: TABLE 1S**  
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**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
QUINBY CREEK , VIRGINIA	14770	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
RUDEE INLET, VIRGINIA	87455	Shallow Draft Single Purpose	NAO	675	675	0	0	0	675
Starlings Creek, VA	42001	Shallow Draft Single Purpose	NAO	389	389	0	0	0	389
TANGIER CHANNEL	27650	Shallow Draft Single Purpose	NAO	324	324	0	0	0	324
TYLERS BEACH , VIRGINIA	76107	Shallow Draft Single Purpose	NAO	3	3	0	0	0	3
WATERWAY ON THE COAST OF VIRGINIA , VIRGINIA	19550	Shallow Draft Single Purpose	NAO	1,323	1,323	0	0	0	1,323
WHITINGS CREEK, VA	605	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
WINTER HARBOR , MATHEWS CO., VIRGINIA	73802	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>4,883</b>	<b>4,883</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4,883</b>
<b>WASHINGTON</b>									
COLUMBIA RIVER AT BAKER BAY, WA	3570	Shallow Draft Single Purpose	NWP	3	3	0	0	0	3
COLUMBIA RIVER BETWEEN CHINOOK & SAND ISLAND WA	23080	Shallow Draft Single Purpose	NWP	6	6	0	0	0	6
NEAH BAY	67314	Shallow Draft Single Purpose	NWS	58	58	0	0	0	58
PROJECT CONDITION SURVEYS	14609	Shallow Draft Single Purpose	NWS	305	305	0	0	0	305
PROJECT CONDITION SURVEYS, WA	76553	Shallow Draft Single Purpose	NWS	0	0	0	0	0	0
QUILLAYUTE RIVER	14760	Shallow Draft Single Purpose	NWS	250	250	0	0	0	250
SWINOMISH CHANNEL	17870	Shallow Draft Single Purpose	NWS	46	46	0	0	0	46
<b>SUBTOTAL</b>				<b>668</b>	<b>668</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>668</b>
<b>WEST VIRGINIA</b>									
CHARLESTON RIVER FRONT PARK, WV	10307	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
ELK RIVER HARBOUR	88833	Shallow Draft Single Purpose	LRH	299	299	0	0	0	299
<b>SUBTOTAL</b>				<b>299</b>	<b>299</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>299</b>

**APPENDIX C: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2001 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>WISCONSIN</b>									
ALGOMA HARBOR WISCONSIN	74177	Shallow Draft Single Purpose	LRE	-1	-1	0	0	0	-1
BIG SUAMICO WISCONSIN	612	Shallow Draft Single Purpose	LRE	119	119	0	0	0	119
CORNUCOPIA HARBOR WISCONSIN	3970	Shallow Draft Single Purpose	LRE	238	238	0	0	0	238
FOX RIVER WISCONSIN	6610	Shallow Draft Single Purpose	LRE	4,434	4,163	271	0	0	4,163
LA POINT HARBOR WISCONSIN	9450	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
SAXON HARBOR WISCONSIN	16500	Shallow Draft Single Purpose	LRE	169	169	0	0	0	169
<b>SUBTOTAL</b>				<b>4,959</b>	<b>4,688</b>	<b>271</b>	<b>0</b>	<b>0</b>	<b>4,688</b>
<b>TOTAL</b>				<b>157,439</b>	<b>104,387</b>	<b>46,815</b>	<b>6,240</b>	<b>454</b>	<b>104,841</b>



## **Appendix D**

### **Operation and Maintenance Expenditures For U.S. Army Corps of Engineers Harbor Projects, FY 2002**

**Table 1D - Deep Draft Harbor Projects By State/Territory**

**Table 1S - Shallow Draft Harbor Projects by State/Territory**



**APPENDIX D: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
OPERATIONS AND MAINTENANCE EXPENDITURES  
FISCAL YEAR 2002 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU LA BATRE	1120	Deep Draft Single Purpose	SAM	841	841	0	0	0	841
CC HELICOPTER LIDAR BATHYMETER	8242	Deep Draft Single Purpose	SAM	2,400	2,400	0	0	0	2,400
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SAM	508	508	0	0	0	508
MOBILE HARBOR	11670	Deep Draft Single Purpose	SAM	25,627	25,623	4	0	0	25,623
MOBILE AREA DIGITAL MAPPING, AL	76294	Deep Draft Single Purpose	SAM	2,880	2,756	124	0	0	2,756
<b>SUBTOTAL</b>				<b>32,256</b>	<b>32,128</b>	<b>128</b>	<b>0</b>	<b>0</b>	<b>32,128</b>
<b>ALASKA</b>									
ANCHORAGE HARBOR	360	Deep Draft Single Purpose	POA	3,401	3,217	184	0	0	3,217
KODIAK HARBOR, AK	10168	Deep Draft Single Purpose	POA	24	24	0	0	0	24
COOK INLET SHOALS, AK	10324	Deep Draft Single Purpose	POA	39	39	0	0	0	39
PETERSBURG HARBOR, AK	72759	Deep Draft Single Purpose	POA	0	0	0	0	0	0
WRANGEL NARROWS	72852	Deep Draft Single Purpose	POA	2	2	0	0	0	2
HOMER SMALL BOAT HARBOR	80508	Deep Draft Single Purpose	POA	347	347	0	0	0	347
<b>SUBTOTAL</b>				<b>3,813</b>	<b>3,629</b>	<b>184</b>	<b>0</b>	<b>0</b>	<b>3,629</b>
<b>CALIFORNIA</b>									
PORT SAN LUIS, CA	232	Deep Draft Single Purpose	SPL	0	0	0	0	0	0
CRESCENT CITY HARBOR	4270	Deep Draft Single Purpose	SPN	57	57	0	0	0	57
HUMBOLDT HARBOR AND BAY	7860	Deep Draft Single Purpose	SPN	4,345	4,345	0	0	0	4,345
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SPL	75	75	0	0	0	75
MORRO BAY HARBOR CA	11860	Deep Draft Single Purpose	SPL	3,247	3,242	5	0	0	3,242
MOSS LANDING HARBOR, CA	11880	Deep Draft Single Purpose	SPN	632	632	0	0	0	632
OAKLAND HARBOR	12990	Deep Draft Single Purpose	SPN	4,338	4,338	0	0	0	4,338
OCEANSIDE HARBOR CA	13080	Deep Draft Single Purpose	SPL	1,164	1,150	14	0	0	1,150
OCEANSIDE SAND BYPASS SYSTEM	13085	Deep Draft Single Purpose	SPL	0	0	0	0	0	0

**APPENDIX D: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
CHANNEL ISLANDS HARBOR CA	14360	Deep Draft Single Purpose	SPL	878	878	0	0	0	878
REDWOOD CITY	15100	Deep Draft Single Purpose	SPN	1,916	1,916	0	0	0	1,916
RICHMOND HARBOR	15280	Deep Draft Single Purpose	SPN	2,054	2,054	0	0	0	2,054
SANTA BARBARA HARBOR CA	15730	Deep Draft Single Purpose	SPL	1,934	1,934	0	0	0	1,934
SAN DIEGO RIVER-MISSION BAY	15750	Deep Draft Single Purpose	SPL	77	76	1	0	0	76
SACRAMENTO RIVER (30' CHANNEL)	15870	Deep Draft Single Purpose	SPK	1,640	1,607	33	0	0	1,607
SAN DIEGO HARBOR	16110	Deep Draft Single Purpose	SPL	95	95	0	0	0	95
SAN FRANCISCO HARBOR	16130	Deep Draft Single Purpose	SPN	908	908	0	0	0	908
DRIFT REMOVAL (SAN FRANCISCO HARBOR AND BAY)	16140	Deep Draft Single Purpose	SPN	1,756	1,756	0	0	0	1,756
SAN JOAQUIN RIVER	16180	Deep Draft Single Purpose	SPK	1,353	1,294	59	0	0	1,294
SAN PABLO BAY AND MARE ISLAND STRAIT	16230	Deep Draft Single Purpose	SPN	0	0	0	0	0	0
SANTA CRUZ HARBOR	16340	Deep Draft Single Purpose	SPN	4	4	0	0	0	4
SUISUN BAY CHANNEL	17720	Deep Draft Single Purpose	SPN	1,333	1,333	0	0	0	1,333
VENTURA HARBOR CA	24190	Deep Draft Single Purpose	SPL	3,628	3,626	2	0	0	3,626
MARINA DEL REY	37690	Deep Draft Single Purpose	SPL	41	41	0	0	0	41
PORT HUENEME	74656	Deep Draft Single Purpose	SPL	13	13	0	0	0	13
NAPA RIVER	74703	Deep Draft Single Purpose	SPN	2	2	0	0	0	2
LOS ANGELES-LONG BEACH HARBORS	74719	Deep Draft Single Purpose	SPL	4,719	4,311	408	0	0	4,311
NEWPORT HARBOR	74720	Deep Draft Single Purpose	SPL	298	297	1	0	0	297
SAN FRANCISCO BAY - DELTA MODEL STRUCTURE	76029	Deep Draft Single Purpose	SPN	1,110	147	963	0	0	147
LOS ANGELES-LONG BEACH HARBOR MODEL	76101	Deep Draft Single Purpose	SPL	165	165	0	0	0	165
SAN FRANCISCO BAY LONG TERM MGMT STRATEGY	88920	Deep Draft Single Purpose	SPN	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>37,782</b>	<b>36,296</b>	<b>1,486</b>	<b>0</b>	<b>0</b>	<b>36,296</b>
<b>CONNECTICUT</b>									
CONNECTICUT RIVER BELOW HARTFORD, CT	3760	Deep Draft Single Purpose	NAE	370	370	0	0	0	370
NEW HASEN HARBOR, CT	12380	Deep Draft Single Purpose	NAE	0	0	0	0	0	0

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
BRIDGEPORT HARBOR, CT	73360	Deep Draft Single Purpose	NAE	122	122	0	0	0	122
<b>SUBTOTAL</b>				<b>492</b>	<b>492</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>492</b>
<b>DELAWARE</b>									
IWW DELAWARE RIVER TO CHESAPEAKE BAY DE, MD	8160	Deep Draft Single Purpose	NAP	15,856	14,873	983	0	0	14,873
C&D CANAL - ST. GEORGES BRIDGE REPLACEMENT	8215	Deep Draft Single Purpose	NAP	-63	-63	0	0	0	-63
WILMINGTON HARBOR	20040	Deep Draft Single Purpose	NAP	4,196	4,054	142	0	0	4,054
<b>SUBTOTAL</b>				<b>19,989</b>	<b>18,864</b>	<b>1,125</b>	<b>0</b>	<b>0</b>	<b>18,864</b>
<b>DISTRICT OF COLUMBIA</b>									
POTOMAC RIV BELOW WASH	294	Deep Draft Single Purpose	NAB	131	131	0	0	0	131
WASHINGTON HARBOR	19500	Deep Draft Single Purpose	NAB	45	45	0	0	0	45
<b>SUBTOTAL</b>				<b>176</b>	<b>176</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>176</b>
<b>FLORIDA</b>									
CANAVERAL HARBOR FL	2520	Deep Draft Single Purpose	SAJ	4,328	4,300	28	0	0	4,300
CHARLOTTE HARBOR FL	3000	Deep Draft Single Purpose	SAJ	0	0	0	0	0	0
FERNANDINA HARBOR FL	5840	Deep Draft Single Purpose	SAJ	1,680	1,680	0	0	0	1,680
FORT PIERCE HARBOR FL	6260	Deep Draft Single Purpose	SAJ	995	995	0	0	0	995
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	SAJ	96	96	0	0	0	96
JACKSONVILLE HARBOR FL	8410	Deep Draft Single Purpose	SAJ	5,407	5,401	6	0	0	5,401
MANATEE HARBOR, FL	10166	Deep Draft Single Purpose	SAJ	19	19	0	0	0	19
PALM BEACH HARBOR FL	13590	Deep Draft Single Purpose	SAJ	3,313	3,306	7	0	0	3,306
PANAMA CITY HARBOR	13640	Deep Draft Single Purpose	SAM	19	19	0	0	0	19
PENSACOLA HARBOR	13830	Deep Draft Single Purpose	SAM	250	250	0	0	0	250
PORT ST. JOE HARBOR	14390	Deep Draft Single Purpose	SAM	96	96	0	0	0	96
TAMPA HARBOR FL	17960	Deep Draft Single Purpose	SAJ	6,404	6,347	57	0	0	6,347

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
MIAMI HARBOR FL	74378	Deep Draft Single Purpose	SAJ	210	210	0	0	0	210
ST PETERSBURG HBR	74390	Deep Draft Single Purpose	SAJ	110	102	8	0	0	102
CARRABELLE HARBOR	76018	Deep Draft Single Purpose	SAM	0	0	0	0	0	0
PORT EVERGLADES HARBOR	76031	Deep Draft Single Purpose	SAJ	56	56	0	0	0	56
MIAMI RIVER, FL	76295	Deep Draft Single Purpose	SAJ	548	535	13	0	0	535
<b>SUBTOTAL</b>				<b>23,531</b>	<b>23,412</b>	<b>119</b>	<b>0</b>	<b>0</b>	<b>23,412</b>
<b>GEORGIA</b>									
BRUNSWICK HARBOR	2080	Deep Draft Single Purpose	SAS	2,371	2,317	54	0	0	2,317
SAVANNAH LONG TERM MGMT STRATEGY	8232	Deep Draft Single Purpose	SAS	0	0	0	0	0	0
SAVANNAH HARBOR	75085	Deep Draft Single Purpose	SAS	7,264	7,118	34	112	0	7,118
<b>SUBTOTAL</b>				<b>9,635</b>	<b>9,435</b>	<b>88</b>	<b>112</b>	<b>0</b>	<b>9,435</b>
<b>HAWAII</b>									
BARBERS PT HBR, HI	910	Deep Draft Single Purpose	POH	888	0	888	0	0	0
HONOLULU HARBOR, OAHU, HI	7660	Deep Draft Single Purpose	POH	0	0	0	0	0	0
KAHULUI HARBOR, MAUI, HI	8660	Deep Draft Single Purpose	POH	878	878	0	0	0	878
NAWILIWILI HARBOR, KAUAI, HI	73336	Deep Draft Single Purpose	POH	0	0	0	0	0	0
PORT ALLEN HARBOR, KAUAI, HI	73338	Deep Draft Single Purpose	POH	5	5	0	0	0	5
<b>SUBTOTAL</b>				<b>1,771</b>	<b>883</b>	<b>888</b>	<b>0</b>	<b>0</b>	<b>883</b>
<b>ILLINOIS</b>									
CALUMET HARBOR AND RIVER	2410	Deep Draft Single Purpose	LRC	4,106	4,105	1	0	0	4,105
CHICAGO RIVER IL	3810	Deep Draft Single Purpose	LRC	356	356	0	0	0	356
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	8206	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEY OF NORTH CENTRAL LAKES	15202	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15202	Deep Draft Single Purpose	LRC	0	0	0	0	0	0

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15207	Deep Draft Single Purpose	LRC	180	95	85	0	0	95
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15208	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
WAUKEGAN HARBOR IL	19560	Deep Draft Single Purpose	LRC	764	764	0	0	0	764
CHICAGO HARBOR	45009	Deep Draft Single Purpose	LRC	3,309	3,118	191	0	0	3,118
<b>SUBTOTAL</b>				<b>8,715</b>	<b>8,438</b>	<b>277</b>	<b>0</b>	<b>0</b>	<b>8,438</b>
<b>INDIANA</b>									
BURNS WATERWAY HARBOR IN	2250	Deep Draft Single Purpose	LRC	1,412	1,412	0	0	0	1,412
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8207	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	8209	Deep Draft Single Purpose	LRR	0	0	0	0	0	0
MICHIGAN CITY HARBOR IN	11060	Deep Draft Single Purpose	LRC	2,647	2,647	0	0	0	2,647
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15211	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
INDIANA HARBOR	18120	Deep Draft Single Purpose	LRC	63	63	0	0	0	63
<b>SUBTOTAL</b>				<b>4,122</b>	<b>4,122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,122</b>
<b>LOUISIANA</b>									
MISS RIVER - BR TO GULF	68	Deep Draft Single Purpose	MVN	57,554	57,521	33	0	0	57,521
ATCH RIVER & BAYOUS CHENE BOEUF & BLACK	680	Deep Draft Single Purpose	MVN	13,439	13,439	0	0	0	13,439
CALC RIVER & PASS	2440	Deep Draft Single Purpose	MVN	10,559	10,313	246	0	0	10,313
HOUMA NAV CANAL	7760	Deep Draft Single Purpose	MVN	1,099	1,099	0	0	0	1,099
MERMENTAU RIVER	11030	Deep Draft Multiple Purpose w/ Alloc	MVN	1,216	1,215	1	0	0	1,215
MISS RIVER - GULF OUTLET (MRGO)	11410	Deep Draft Single Purpose	MVN	12,367	12,367	0	0	0	12,367
<b>SUBTOTAL</b>				<b>96,234</b>	<b>95,954</b>	<b>280</b>	<b>0</b>	<b>0</b>	<b>95,954</b>

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>MAINE</b>									
PORTLAND HARBOR, MAINE	367	Deep Draft Single Purpose	NAE	293	293	0	0	0	293
DISPOSAL AREA MONITORING	8223	Deep Draft Single Purpose	NAE	1,181	1,181	0	0	0	1,181
KENNEBEC RIVER, ME	8890	Deep Draft Single Purpose	NAE	521	521	0	0	0	521
PENOBSCOT RIVER, ME	56470	Deep Draft Single Purpose	NAE	112	112	0	0	0	112
ROCKLAND HARBOR, ME	73389	Deep Draft Single Purpose	NAE	36	36	0	0	0	36
<b>SUBTOTAL</b>				<b>2,143</b>	<b>2,143</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,143</b>
<b>MARYLAND</b>									
BALTIMORE HARBOR & CHANNELS	870	Deep Draft Single Purpose	NAB	1,338	1,338	0	0	0	1,338
BALTIMORE DRIFT REMOVAL	871	Deep Draft Single Purpose	NAB	489	489	0	0	0	489
PREV OF OBST & INJ DEP	872	Deep Draft Single Purpose	NAB	624	624	0	0	0	624
TOLCHESTER CHANNEL, MD	8289	Deep Draft Single Purpose	NAB	9,339	9,339	0	0	0	9,339
POTOMAC DRIFT REMOVAL	14520	Deep Draft Single Purpose	NAB	716	716	0	0	0	716
BALTIMORE HARBOR & CHANNELS	74955	Deep Draft Single Purpose	NAB	9,078	9,076	2	0	0	9,076
<b>SUBTOTAL</b>				<b>21,584</b>	<b>21,582</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>21,582</b>
<b>MASSACHUSETTS</b>									
GLOUCESTER HBR. & ANNISQUAM RIV, MA	416	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
NEW BEDFORD AND FAIRHAVEN HARBOR	432	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
SALEM HARBOR, MASS	439	Deep Draft Single Purpose	NAE	18	18	0	0	0	18
BOSTON HARBOR, MA	1960	Deep Draft Single Purpose	NAE	424	424	0	0	0	424
CAPE COD CANAL	2620	Deep Draft Single Purpose	NAE	9,344	6,999	2,345	0	0	6,999
LYNN HARBOR, MA	10023	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
PLYMOUTH HARBOR, MA	14200	Deep Draft Single Purpose	NAE	11	11	0	0	0	11
<b>SUBTOTAL</b>				<b>9,797</b>	<b>7,452</b>	<b>2,345</b>	<b>0</b>	<b>0</b>	<b>7,452</b>



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<b>MICHIGAN</b>									
BLACK RIVER PORT HURON MICHIGAN	1110	Deep Draft Single Purpose	LRE	50	50	0	0	0	50
CHANNELS IN LAKE ST. CLAIR MICHIGAN	2940	Deep Draft Single Purpose	LRE	97	97	0	0	0	97
CHARLEVOIX HARBOR MICHIGAN	2990	Deep Draft Single Purpose	LRE	62	62	0	0	0	62
DETROIT RIVER MICHIGAN	4710	Deep Draft Single Purpose	LRE	4,305	4,305	0	0	0	4,305
FRANKFORT HARBOR MICHIGAN	6130	Deep Draft Single Purpose	LRE	185	185	0	0	0	185
GRAND HAVEN HARBOR MICHIGAN	6670	Deep Draft Single Purpose	LRE	926	926	0	0	0	926
GRAND HAVEN HBR - MITIGATION OF SHORE DAMAGE	6671	Deep Draft Single Purpose	LRE	82	82	0	0	0	82
HARBOR BEACH HARBOR MICHIGAN	7300	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
HOLLAND HARBOR MICHIGAN	7610	Deep Draft Single Purpose	LRE	500	500	0	0	0	500
HOLLAND HARBOR - MITIGATION OF SHORE DAMAGE	7611	Deep Draft Single Purpose	LRE	85	85	0	0	0	85
INTERNATIONAL BOUNDARY ACTIVITY	8189	Deep Draft Single Purpose	LRD	103	11	92	0	0	11
SURVEY OF NORTH CENTRAL LAKES	8189	Deep Draft Single Purpose	LRB	122	30	92	0	0	30
GREAT LAKES SEDIMENT TRANSPORT MODELS	8266	Deep Draft Single Purpose	LRD	386	317	68	1	0	317
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	LRE	51	51	0	0	0	51
KEWEENAW WATERWAY MICHIGAN	8960	Deep Draft Single Purpose	LRE	601	601	0	0	0	601
LUDINGTON HARBOR MICHIGAN	10270	Deep Draft Single Purpose	LRE	554	554	0	0	0	554
LUDINGTON HARBOR-MITIGATION	10271	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
MANISTEE HARBOR MICHIGAN	10480	Deep Draft Single Purpose	LRE	61	61	0	0	0	61
MANISTIQUE HARBOR MICHIGAN	10490	Deep Draft Single Purpose	LRE	-4	-4	0	0	0	-4
MONROE HARBOR MICHIGAN	11760	Deep Draft Single Purpose	LRE	61	61	0	0	0	61
MUSKEGON HARBOR MICHIGAN	12060	Deep Draft Single Purpose	LRE	457	457	0	0	0	457
MUSKEGON HBR SHORE DAM	12061	Deep Draft Single Purpose	LRE	0		0	0	0	0
ONTONAGON HARBOR MICHIGAN	13330	Deep Draft Single Purpose	LRE	1,992	1,986	6	0	0	1,986
PENTWATER HARBOR MICHIGAN	13850	Deep Draft Single Purpose	LRE	250	250	0	0	0	250
SURVEY OF NORTH CENTRAL LAKES	15201	Deep Draft Single Purpose	LRD	170	48	122	0	0	48
ROUGE RIVER MICHIGAN	15590	Deep Draft Single Purpose	LRE	183	183	0	0	0	183

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SOUTH HAVEN HARBOR MICHIGAN	17180	Deep Draft Single Purpose	LRE	1,445	1,443	2	0	0	1,443
SOUTH HAVEN HARBOR - MITIGATION OF SHORE DAMAGE	17181	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ST. CLAIR RIVER MICHIGAN	17300	Deep Draft Single Purpose	LRE	810	810	0	0	0	810
ST. JOSEPH HARBOR MICHIGAN	17350	Deep Draft Single Purpose	LRE	497	497	0	0	0	497
ST. JOSEPH HARBOR - MITIGATION OF SHORE DAMAGE	17351	Deep Draft Single Purpose	LRE	120	120	0	0	0	120
ST. MARYS RIVER MICHIGAN	17380	Deep Draft Multiple Purpose w/o Alloc	LRE	21,791	16,510	4,159	1,122	999	17,509
WHITE LAKE HARBOR MICHIGAN	19810	Deep Draft Single Purpose	LRE	20	20	0	0	0	20
PORTAGE LAKE HARBOR MICHIGAN	21530	Deep Draft Single Purpose	LRE	1,927	1,925	2	0	0	1,925
MENOMINEE HARBOR MICHIGAN & WISCONSIN	45044	Deep Draft Single Purpose	LRE	99	99	0	0	0	99
GRAND MARAIS HARBOR MICHIGAN	46064	Deep Draft Single Purpose	LRE	122	122	0	0	0	122
MARQUETTE HARBOR MICHIGAN	48013	Deep Draft Single Purpose	LRE	204	204	0	0	0	204
SAGINAW RIVER MICHIGAN	57420	Deep Draft Single Purpose	LRE	1,392	1,389	3	0	0	1,389
WHITE LAKE HARBOR - MITIGATION OF SHORE DAMAGE	74176	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
ALPENA HARBOR MICHIGAN	74196	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>39,706</b>	<b>34,037</b>	<b>4,546</b>	<b>1,123</b>	<b>999</b>	<b>35,036</b>
<b>MINNESOTA</b>									
DULUTH-SUPERIOR HARBOR MINNESOTA	5050	Deep Draft Single Purpose	LRE	3,143	2,698	445	0	0	2,698
ALTERNATIVE TECHNOLOGY PROJECT, MN	8276	Deep Draft Single Purpose	LRE	232	232	0	0	0	232
GRAND MARAIS HARBOR MINNESOTA	99871	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>3,375</b>	<b>2,930</b>	<b>445</b>	<b>0</b>	<b>0</b>	<b>2,930</b>
<b>MISSISSIPPI</b>									
GULFPORT HARBOR	7150	Deep Draft Single Purpose	SAM	362	362	0	0	0	362
PASCAGOULA HARBOR	13680	Deep Draft Single Purpose	SAM	6,473	6,470	3	0	0	6,470
<b>SUBTOTAL</b>				<b>6,835</b>	<b>6,832</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6,832</b>

**APPENDIX D: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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FISCAL YEAR 2002 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>NEW HAMPSHIRE</b>									
PORTSMOUTH HARBOR, PISCATAQUA RIVER, NH & ME	512	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEW JERSEY</b>									
DELAWARE RIVER, PHILADELPHIA TO TRENTON NJ	4550	Deep Draft Single Purpose	NAP	4,358	4,305	53	0	0	4,305
DELAWARE RIVER PHILADELPHIA TO THE SEA PA NJ DE	4570	Deep Draft Single Purpose	NAP	19,638	17,817	1,821	0	0	17,817
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAP	46	46	0	0	0	46
NEWARK BAY HACKENSACK & PASSAIC RVS NJ	12550	Deep Draft Single Purpose	NAN	387	387	0	0	0	387
RARITAN RIVER	14860	Deep Draft Single Purpose	NAN	0	0	0	0	0	0
RARITAN RIVER TO ARTHUR KILL CUT-OFF	21870	Deep Draft Single Purpose	NAN	-1	-1	0	0	0	-1
COLD SPRING INLET	22140	Deep Draft Single Purpose	NAP	393	393	0	0	0	393
SALEM RIVER	24950	Deep Draft Single Purpose	NAP	0	0	0	0	0	0
DELAWARE RIVER AT CAMDEN	43005	Deep Draft Single Purpose	NAP	657	657	0	0	0	657
<b>SUBTOTAL</b>				<b>25,478</b>	<b>23,604</b>	<b>1,874</b>	<b>0</b>	<b>0</b>	<b>23,604</b>
<b>NEW YORK</b>									
BAYRIDGE & RED HOOK CHANNELS NY	1040	Deep Draft Single Purpose	NAN	0	0	0	0	0	0
BLACK ROCK CHANNEL AND TONAWANDA HARBOR	1660	Deep Draft Single Purpose	LRB	3,535	3,478	57	0	0	3,478
BUFFALO HARBOR	2140	Deep Draft Single Purpose	LRB	112	81	31	0	0	81
GREAT SODUS BAY HARBOR	6860	Deep Draft Single Purpose	LRB	33	32	1	0	0	32
HUDSON RIVER CHANNEL	7800	Deep Draft Single Purpose	NAN	-70	-70	0	0	0	-70
HUDSON RIVER NY (MAINT)	7810	Deep Draft Single Purpose	NAN	1,309	1,309	0	0	0	1,309
HUDSON RIVER NY (O&C)	7820	Deep Draft Single Purpose	NAN	1,181	1,181	0	0	0	1,181
SURVY OF NORTH CNTRL LAKES, NY	8203	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	8204	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	8205	Deep Draft Single Purpose	LRB	0	0	0	0	0	0

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
BUFFALO HARBOR ENVIRONMENTAL DREDGING	8277	Deep Draft Single Purpose	LRB	23	22	1	0	0	22
REGIONAL SEDIMENT MANAGEMENT PILOT PROJECT	8302	Deep Draft Single Purpose	NAN	138	138	0	0	0	138
LITTLE SODUS BAY HARBOR	9970	Deep Draft Single Purpose	LRB	34	34	0	0	0	34
NEW YORK HARBOR	12490	Deep Draft Single Purpose	NAN	4,081	4,079	0	2	0	4,079
NEW YORK HARBOR NY (DRIFT REMOVAL)	12500	Deep Draft Single Purpose	NAN	6,423	6,423	0	0	0	6,423
NEW YORK & NEW JERSEY CHANNELS	12520	Deep Draft Single Purpose	NAN	366	366	0	0	0	366
OSWEGO HARBOR	13440	Deep Draft Single Purpose	LRB	34	33	1	0	0	33
LONG ISLAND SOUND, CT AND NY	14032	Deep Draft Single Purpose	NAE	1,862	1,862	0	0	0	1,862
INTERNATIONAL WATER STUDIES	15204	Deep Draft Single Purpose	LRB	-1	-1	0	0	0	-1
ROCHESTER HARBOR	15390	Deep Draft Single Purpose	LRB	38	38	0	0	0	38
PREVENTION OF OBSTRUCTIVE DEPOSITS NY	17760	Deep Draft Single Purpose	NAN	620	620	0	0	0	620
BUTTERMILK CHANNEL	41015	Deep Draft Single Purpose	NAN	-172	-172	0	0	0	-172
FLUSHING BAY & CREEK	41016	Deep Draft Single Purpose	NAN	261	261	0	0	0	261
EAST RIVER	41062	Deep Draft Single Purpose	NAN	1,728	1,728	0	0	0	1,728
DUNKIRK HARBOR	50600	Deep Draft Single Purpose	LRB	329	329	0	0	0	329
JAMAICA BAY	54000	Deep Draft Single Purpose	NAN	140	140	0	0	0	140
<b>SUBTOTAL</b>				<b>22,004</b>	<b>21,911</b>	<b>91</b>	<b>2</b>	<b>0</b>	<b>21,911</b>
<b>NORTH CAROLINA</b>									
BEAUFORT HARBOR NC	1210	Deep Draft Single Purpose	SAW	192	192	0	0	0	192
CAPE FEAR RIVER ABOVE WILMINGTON NC	2640	Deep Draft Single Purpose	SAW	633	345	288	0	0	345
MOREHEAD CITY HARBOR NC	11810	Deep Draft Single Purpose	SAW	5,232	5,232	0	0	0	5,232
WILMINGTON HARBOR NC	20030	Deep Draft Single Purpose	SAW	5,662	5,662	0	0	0	5,662
<b>SUBTOTAL</b>				<b>11,719</b>	<b>11,431</b>	<b>288</b>	<b>0</b>	<b>0</b>	<b>11,431</b>
<b>OHIO</b>									
ASHTABULA HARBOR	650	Deep Draft Single Purpose	LRB	2,599	2,599	0	0	0	2,599

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
CLEVELAND HARBOR	3430	Deep Draft Single Purpose	LRB	4,363	4,342	21	0	0	4,342
CONNEAUT HARBOR	3770	Deep Draft Single Purpose	LRB	25	25	0	0	0	25
FAIRPORT HARBOR	5760	Deep Draft Single Purpose	LRB	1,686	1,673	13	0	0	1,673
HURON HARBOR	7920	Deep Draft Single Purpose	LRB	919	907	12	0	0	907
LORAIN HARBOR	10060	Deep Draft Single Purpose	LRB	1,412	1,346	66	0	0	1,346
INTERNATIONAL WATER STUDIES	15205	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15210	Deep Draft Single Purpose	LRB	0	0	0	0	0	0
SANDUSKY HARBOR	16260	Deep Draft Single Purpose	LRB	101	75	26	0	0	75
TOLEDO HARBOR	18280	Deep Draft Single Purpose	LRB	3,259	3,235	24	0	0	3,235
<b>SUBTOTAL</b>				<b>14,364</b>	<b>14,202</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>14,202</b>
<b>OREGON</b>									
COLUMBIA RIVER AT MOUTH, OR & WA	3600	Deep Draft Single Purpose	NWP	10,844	10,838	6	0	0	10,838
COLUMBIA R BETWEEN VANCOUVER & THE DALLES	3620	Deep Draft Single Purpose	NWP	324	318	6	0	0	318
C&LW RIVERS BELOW VANCOUVER WA & PORTLAND	3630	Deep Draft Single Purpose	NWP	17,823	17,822	1	0	0	17,822
COOS BAY OR	3840	Deep Draft Single Purpose	NWP	4,847	4,845	2	0	0	4,845
PORT ORFORD OR	14370	Deep Draft Single Purpose	NWP	610	610	0	0	0	610
SIUSLAW RIVER OR	16860	Deep Draft Single Purpose	NWP	599	599	0	0	0	599
SKIPANON CHANNEL OR	16930	Deep Draft Single Purpose	NWP	15	15	0	0	0	15
TILLAMOOK BAY AND BAR OR	18230	Deep Draft Single Purpose	NWP	174	174	0	0	0	174
UMPQUA RIVER OR	18750	Deep Draft Single Purpose	NWP	770	770	0	0	0	770
YAQUINA BAY & HARBOR OR	20290	Deep Draft Single Purpose	NWP	1,308	1,308	0	0	0	1,308
INTERNATIONAL WATER STUDIES	53904	Deep Draft Single Purpose	NWD	123	3	103	17	0	3
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53905	Deep Draft Single Purpose	NWD	0	0	0	0	0	0
BONNEVILLE LOCK & DAM-LAKE BONNEVILLE	80546	Deep Draft Multiple Purpose w/ Alloc	NWP	21,041	935	13,886	6,220	3,110	4,045
<b>SUBTOTAL</b>				<b>58,478</b>	<b>38,237</b>	<b>14,004</b>	<b>6,237</b>	<b>3,110</b>	<b>41,347</b>

**APPENDIX D: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>PENNSYLVANIA</b>									
ERIE HARBOR	5600	Deep Draft Single Purpose	LRB	44	44	0	0	0	44
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	8201	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	8202	Deep Draft Single Purpose	LRD	0	0	0	0	0	0
SCHUYLKILL RIVER	16550	Deep Draft Single Purpose	NAP	-203	-203	0	0	0	-203
<b>SUBTOTAL</b>				<b>-159</b>	<b>-159</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-159</b>
<b>PUERTO RICO</b>									
SAN JUAN HARBOR, PR	16190	Deep Draft Single Purpose	SAJ	462	462	0	0	0	462
ARECIBO HARBOR, PR	20500	Deep Draft Single Purpose	SAJ	-19	-19	0	0	0	-19
<b>SUBTOTAL</b>				<b>443</b>	<b>443</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>443</b>
<b>RHODE ISLAND</b>									
GREAT SALT POND, BLOCK ISLAND, RI	559	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
PROVIDENCE RIVER & HARBOR	566	Deep Draft Single Purpose	NAE	2,405	2,401	4	0	0	2,401
SAKONNET HBR R.I.	568	Deep Draft Single Purpose	NAE	0	0	0	0	0	0
HARBOR OF REFUGE, BLOCK ISLAND	73445	Deep Draft Single Purpose	NAE	7	7	0	0	0	7
<b>SUBTOTAL</b>				<b>2,412</b>	<b>2,408</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>2,408</b>
<b>SOUTH CAROLINA</b>									
CHARLESTON HARBOR SC	2980	Deep Draft Single Purpose	SAC	5,842	5,842	0	0	0	5,842
GEORGETOWN HARBOR SC	6480	Deep Draft Single Purpose	SAC	3,000	3,000	0	0	0	3,000
CHARLESTON HARBOR REDIVERSION (FISH LIFT), SC	8221	Deep Draft Single Purpose	SAC	0	0	0	0	0	0
PORT ROYAL HARBOR SC	14380	Deep Draft Single Purpose	SAC	78	78	0	0	0	78
SHIPYARD RIVER SC	16730	Deep Draft Single Purpose	SAC	0	0	0	0	0	0
COOPER RIVER CHARLESTON HARBOR SC	74354	Deep Draft Single Purpose	SAC	3,242	3,208	34	0	0	3,208
<b>SUBTOTAL</b>				<b>12,162</b>	<b>12,128</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>12,128</b>

**APPENDIX D: TABLE 1D  
DEEP DRAFT NAVIGATION COST RECOVERY ANALYSIS  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>TEXAS</b>									
BRAZOS ISLAND HARBOR	1990	Deep Draft Single Purpose	SWG	2,530	2,529	1	0	0	2,529
CHANNEL TO PORT BOLIVAR	2930	Deep Draft Single Purpose	SWG	286	286	0	0	0	286
FREEPORT HARBOR	6170	Deep Draft Single Purpose	SWG	4,393	4,388	5	0	0	4,388
GALVESTON HARBOR AND CHANNEL	6340	Deep Draft Single Purpose	SWG	224	224	0	0	0	224
HOUSTON SHIP CHANNEL	7780	Deep Draft Single Purpose	SWG	2,825	2,825	0	0	0	2,825
CHANNEL TO RED BLUFF, TX	8213	Deep Draft Single Purpose	SWG	0	0	0	0	0	0
MSC, CHANNEL TO RED BLUFF	8213	Deep Draft Single Purpose	SWG	0	0	0	0	0	0
MATAGORDA SHIP CHANNEL	10810	Deep Draft Single Purpose	SWG	1,381	1,381	0	0	0	1,381
CORPUS CHRISTI SHIP CHANNEL	14340	Deep Draft Single Purpose	SWG	3,552	3,551	1	0	0	3,551
SABINE-NECHES WATERWAY	15780	Deep Draft Single Purpose	SWG	13,177	13,175	2	0	0	13,175
TEXAS CITY CHANNEL	18130	Deep Draft Single Purpose	SWG	46	46	0	0	0	46
BAYPORT SHIP CHANNEL	88910	Deep Draft Single Purpose	SWG	253	253	0	0	0	253
GREENS BAYOU CHANNEL	88911	Deep Draft Single Purpose	SWG	591	591	0	0	0	591
BARBOUR TERMINAL SHIP CHANNEL	88912	Deep Draft Single Purpose	SWG	546	546	0	0	0	546
<b>SUBTOTAL</b>				<b>29,804</b>	<b>29,795</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>29,795</b>
<b>VIRGINIA</b>									
POTOMAC RIVER AT ALEXANDRIA	597	Deep Draft Single Purpose	NAB	-2	-2	0	0	0	-2
DRIFT REMOVAL,HAMPTON ROADS(N.N.&NORFOLK HBR),VA	1002	Deep Draft Single Purpose	NAO	5	5	0	0	0	5
JAMES RIVER , VIRGINIA	8430	Deep Draft Single Purpose	NAO	2,901	2,901	0	0	0	2,901
NORFOLK HARBOR , VIRGINIA	12801	Deep Draft Single Purpose	NAO	6,681	6,681	0	0	0	6,681
PREVENTION OF OBSTRUCTIVE DEPOSITS , VIRGINIA	15170	Deep Draft Single Purpose	NAO	206	206	0	0	0	206
CHANNEL TO NEWPORT NEWS , VIRGINIA	73783	Deep Draft Single Purpose	NAO	0	0	0	0	0	0
THIMBLE SHOAL CHANNEL,VA	73800	Deep Draft Single Purpose	NAO	0	0	0	0	0	0
YORK RIVER - VIRGINIA	73803	Deep Draft Single Purpose	NAO	182	182	0	0	0	182
<b>SUBTOTAL</b>				<b>9,973</b>	<b>9,973</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,973</b>

**APPENDIX D: TABLE 1D  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>WASHINGTON</b>									
BELLINGHAM HARBOR WA	1310	Deep Draft Single Purpose	NWS	3	3	0	0	0	3
EVERETT HARBOR AND SNOHOMISH RIVER	5700	Deep Draft Single Purpose	NWS	1,320	1,320	0	0	0	1,320
GRAYS HARBOR AND CHEHALIS RIVER	6770	Deep Draft Single Purpose	NWS	13,543	13,571	-30	2	0	13,571
SETTLE HRB, EAST WWY CHAN DEEPENING	8264	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
LAKE WASHINGTON SHIP CANAL	9400	Deep Draft Single Purpose	NWS	7,915	6,837	892	186	0	6,837
PUGET SOUND AND TRIBUTARY WATERS	13970	Deep Draft Single Purpose	NWS	808	808	0	0	0	808
WILLAPA RIVER AND HARBOR	19990	Deep Draft Single Purpose	NWS	1,245	1,245	0	0	0	1,245
FRIDAY HARBOR	24370	Deep Draft Single Purpose	NWS	277	277	0	0	0	277
INTERNATIONAL WATER STUDIES	53906	Deep Draft Single Purpose	NWS	14	0	14	0	0	0
OLYMPIA HARBOR	67310	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
SEATTLE HARBOR	67318	Deep Draft Single Purpose	NWS	557	557	0	0	0	557
TACOMA HARBOR	72902	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
LAKE CROCKETT (KEYSTONE HARBOR)	72920	Deep Draft Single Purpose	NWS	0	0	0	0	0	0
EDIZ HOOK	79205	Deep Draft Single Purpose	NWS	196	196	0	0	0	196
KENMORE NAVIGATION CHANNEL	87153	Deep Draft Single Purpose	NWS	1	1	0	0	0	1
<b>SUBTOTAL</b>				<b>25,879</b>	<b>24,815</b>	<b>876</b>	<b>188</b>	<b>0</b>	<b>24,815</b>
<b>WISCONSIN</b>									
ASHLAND HARBOR WISCONSIN	630	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
GREEN BAY WISCONSIN	6910	Deep Draft Single Purpose	LRE	3,218	3,218	0	0	0	3,218
KENOSHA HARBOR WISCONSIN	8910	Deep Draft Single Purpose	LRE	299	299	0	0	0	299
MANITOWOC HARBOR WISCONSIN	10510	Deep Draft Single Purpose	LRE	573	573	0	0	0	573
MILWAUKEE HARBOR WISCONSIN	11270	Deep Draft Single Purpose	LRE	458	458	0	0	0	458
PORT WASHINGTON HARBOR WISCONSIN	14420	Deep Draft Single Purpose	LRE	47	47	0	0	0	47
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15212	Deep Draft Single Purpose	LRC	0	0	0	0	0	0
STURGEON BAY WISCONSIN	17660	Deep Draft Single Purpose	LRE	96	96	0	0	0	96



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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/ DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
TWO RIVERS HARBOR WISCONSIN	18710	Deep Draft Single Purpose	LRE	151	149	2	0	0	149
OCONTO HARBOR WISCONSIN	23370	Deep Draft Single Purpose	LRE	34	34	0	0	0	34
SHEBOYGAN HARBOR WISCONSIN	66700	Deep Draft Single Purpose	LRE	416	416	0	0	0	416
GREEN BAY HARBOR - DIKE DISPOSAL	74180	Deep Draft Single Purpose	LRE	0	0	0	0	0	0
PORT WING HARBOR WISCONSIN	74190	Deep Draft Single Purpose	LRE	254	254	0	0	0	254
KEWAUNEE HARBOR WISCONSIN	76050	Deep Draft Single Purpose	LRE	84	84	0	0	0	84
<b>SUBTOTAL</b>				<b>5,630</b>	<b>5,628</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>5,628</b>
<b>TOTAL</b>				<b>540,143</b>	<b>503,221</b>	<b>29,260</b>	<b>7,662</b>	<b>4,109</b>	<b>507,330</b>

**APPENDIX D: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2002 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ALABAMA</b>									
BAYOU CODEN,	74520	Shallow Draft Single Purpose	SAM	7	7	0	0	0	7
BON SECOUR RIVER	76060	Shallow Draft Single Purpose	SAM	3	0	3	0	0	0
DAUPHIN ISLAND BAY	4480	Shallow Draft Single Purpose	SAM	18	18	0	0	0	18
DOG AND FOWL RIVERS	20710	Shallow Draft Single Purpose	SAM	2,831	2,831	0	0	0	2,831
FLY CREEK	5970	Shallow Draft Single Purpose	SAM	145	145	0	0	0	145
PERDIDO PASS CHANNEL	13880	Shallow Draft Single Purpose	SAM	588	588	0	0	0	588
PROJECT CONDITION SURVEYS	14616	Shallow Draft Single Purpose	SAM	324	324	0	0	0	324
<b>SUBTOTAL</b>				<b>3,916</b>	<b>3,913</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3,913</b>
<b>ALASKA</b>									
DILLINGHAM SMALL BOAT HARBOR	4800	Shallow Draft Single Purpose	POA	809	809	0	0	0	809
DOUGLAS HARBOR	72789	Shallow Draft Single Purpose	POA	-1	-1	0	0	0	-1
NAKNEK RIVER	72756	Shallow Draft Single Purpose	POA	30	30	0	0	0	30
NINILCHIK HARBOR	12640	Shallow Draft Single Purpose	POA	194	194	0	0	0	194
NOME HARBOR	72742	Shallow Draft Single Purpose	POA	311	311	0	0	0	311
PROJECT CONDITION SURVEYS	14613	Shallow Draft Single Purpose	POA	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, AK	76502	Shallow Draft Single Purpose	POA	573	561	12	0	0	561
WRANGELL HARBOR	21500	Shallow Draft Single Purpose	POA	4	4	0	0	0	4
<b>SUBTOTAL</b>				<b>1,920</b>	<b>1,908</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>1,908</b>
<b>ARKANSAS</b>									
HELENA HARBOR	7440	Shallow Draft Single Purpose	MVM	515	515	0	0	0	515
HELENA HARBOR, PHILLIPS COUNTY, AR	7441	Shallow Draft Single Purpose	MVM	560	512	48	0	0	512
JACKSON PORT STATE PARK	87076	Shallow Draft Single Purpose	SWL	3	3	0	0	0	3

**APPENDIX D: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
**FISCAL YEAR 2002 (ACTUAL, \$000)**

STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OSCEOLA HARBOR	13430	Shallow Draft Single Purpose	MVM	651	651	0	0	0	651
YELLOW BEND PORT, AR	87282	Shallow Draft Single Purpose	MVK	46	46	0	0	0	46
<b>SUBTOTAL</b>				<b>1,775</b>	<b>1,727</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>1,727</b>
<b>CALIFORNIA</b>									
BODEGA BAY, CA	1850	Shallow Draft Single Purpose	SPN	215	215	0	0	0	215
LARKSPUR FERRY CHANNEL, CA	75536	Shallow Draft Single Purpose	SPN	8	8	0	0	0	8
NOYO RIVER AND HARBOR	12940	Shallow Draft Single Purpose	SPN	0	0	0	0	0	0
PETALUMA RIVER	13940	Shallow Draft Single Purpose	SPN	274	274	0	0	0	274
PILLAR POINT (HALFMOON BAY) HARBOR	74701	Shallow Draft Single Purpose	SPN	114	114	0	0	0	114
PROJECT CONDITION SURVEYS CA	14618	Shallow Draft Single Purpose	SPL	12	12	0	0	0	12
PROJECT CONDITION SURVEYS (SPN)	14619	Shallow Draft Single Purpose	SPN	1,000	1,000	0	0	0	1,000
PROJECT CONDITION SURVEYS, CA	76506	Shallow Draft Single Purpose	SPL	38	38	0	0	0	38
REDONDO BEACH-KING HARBOR	74722	Shallow Draft Single Purpose	SPL	0	0	0	0	0	0
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL)	8187	Shallow Draft Single Purpose	SPK	123	114	9	0	0	114
SACRAMENTO RIVER DEBRIS CONTROL	15810	Shallow Draft Single Purpose	SPK	1,272	203	1,069	0	0	203
SAN LEANDRO MARINA - JACK D. MALTESTER CHANNEL	76063	Shallow Draft Single Purpose	SPN	94	94	0	0	0	94
SAN RAFAEL CREEK, CA	74709	Shallow Draft Single Purpose	SPN	335	335	0	0	0	335
YUBGA RIVER DEBRIS TREATMENT	20410	Shallow Draft Single Purpose	SPK	32	12	20	0	0	12
<b>SUBTOTAL</b>				<b>3,517</b>	<b>2,419</b>	<b>1,098</b>	<b>0</b>	<b>0</b>	<b>2,419</b>
<b>CONNECTICUT</b>									
CLINTON HBR CT	39136	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
FIVE MILE RIVER, CT	5910	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
GUILFORD HARBOR, GUILFORD, CT	231	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, CT	76509	Shallow Draft Single Purpose	NAE	1,081	1,080	1	0	0	1,080
<b>SUBTOTAL</b>				<b>1,081</b>	<b>1,080</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1,080</b>

**APPENDIX D: TABLE 1S**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>DELAWARE</b>									
CEDAR CREEK	87211	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
INDIAN RIVER INLET & BAY	8110	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
IWW REHOBOTH BAY TO DELAWARE BAY (LEWES & REHOBETH CANAL)	8170	Shallow Draft Single Purpose	NAP	1,016	1,016	0	0	0	1,016
MISPILLION RIVER	73857	Shallow Draft Single Purpose	NAP	298	273	25	0	0	273
MURDERKILL RIVER	12020	Shallow Draft Single Purpose	NAP	305	268	37	0	0	268
<b>SUBTOTAL</b>				<b>1,619</b>	<b>1,557</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>1,557</b>
<b>FLORIDA</b>									
ANCLOTE RIVER, FL	74478	Shallow Draft Single Purpose	SAJ	-250	-250	0	0	0	-250
APALACHICOLA BAY	430	Shallow Draft Single Purpose	SAM	114	114	0	0	0	114
BLACKWATER RIVER	23230	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
CEDAR ISLAND-KEATON BEACH	87215	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
CENTRAL AND SOUTHERN FLORIDA	2860	Shallow Draft Multiple Purpose w/o Alloc	SAJ	17,332	1,911	15,421	0	0	1,911
CHANNEL FROM NAPLES TO BIG MARCO PASS FL	12150	Shallow Draft Single Purpose	SAJ	66	61	5	0	0	61
CLEARWATER PASS, FLORIDA	3400	Shallow Draft Single Purpose	SAJ	656	656	0	0	0	656
CROSS FLORIDA BARGE CANAL	4300	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
EAST PASS CHANNEL	4980	Shallow Draft Single Purpose	SAM	889	889	0	0	0	889
ESCAMBIA-CONECUH RIVERS	5620	Shallow Draft Single Purpose	SAM	412	412	0	0	0	412
FORT MYERS BEACH FL	6220	Shallow Draft Single Purpose	SAJ	-58	-58	0	0	0	-58
HORSESHOE COVE, FL	74495	Shallow Draft Single Purpose	SAJ	908	908	0	0	0	908
IWW CALOOSAHATCHEE RIVER TO ANCLOTE RIVER FL	2480	Shallow Draft Single Purpose	SAJ	11	1	10	0	0	1
JOHNS PASS, FL	1001	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
LA GRANGE BAYOU	9280	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
LONG BOAT PASS, FL	23100	Shallow Draft Single Purpose	SAJ	7	7	0	0	0	7
NEW PASS, FL	74483	Shallow Draft Single Purpose	SAJ	138	133	5	0	0	133

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
OKEECHOBEE WATERWAY FL	13240	Shallow Draft Single Purpose	SAJ	3,287	2,264	1,023	0	0	2,264
OKLAWAHA RIVER FL	13250	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
PANACEA HARBOR	7511	Shallow Draft Single Purpose	SAM	0		0	0	0	0
PONCE DE LEON INLET FL	14310	Shallow Draft Single Purpose	SAJ	1,951	1,951	0	0	0	1,951
PROJECT CONDITION SURVEYS	14615	Shallow Draft Single Purpose	SAJ	672	672	0	0	0	672
REMOVAL OF AQUATIC GROWTH, FL	15180	Shallow Draft Single Purpose	SAJ	3,454	2,306	1,148	0	0	2,306
ST LUCIE INLET FL	17370	Shallow Draft Single Purpose	SAJ	3,573	3,573	0	0	0	3,573
ST. AUGUSTINE HARBOR, FL	75027	Shallow Draft Single Purpose	SAJ	1	1	0	0	0	1
ST. MARKS RIVER	74542	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
STEINHATCHEE RIVER	74508	Shallow Draft Single Purpose	SAJ	0	0	0	0	0	0
SUWANNEE RIVER	74391	Shallow Draft Single Purpose	SAJ	385	372	13	0	0	372
WITHLACOOCHIE RIVER	74393	Shallow Draft Single Purpose	SAJ	-4	-4	0	0	0	-4
<b>SUBTOTAL</b>				<b>33,544</b>	<b>15,919</b>	<b>17,625</b>	<b>0</b>	<b>0</b>	<b>15,919</b>
<b>GEORGIA</b>									
HARTWELL LAKE	7380	Shallow Draft Multiple Purpose w/ Alloc	SAS	14,296	-80	13,391	985	46	-34
J STROM THURMOND DAM & RES	3350	Shallow Draft Multiple Purpose w/ Alloc	SAS	11,211	-3,569	11,434	3,346	267	-3,302
SAVANNAH RIVER BELOW AUGUSTA	16450	Shallow Draft Single Purpose	SAS	203	174	26	3	0	174
<b>SUBTOTAL</b>				<b>25,710</b>	<b>-3,475</b>	<b>24,851</b>	<b>4,334</b>	<b>313</b>	<b>-3,162</b>
<b>HAWAII</b>									
HALEIWA SMALL BOAT HBR, OAHU, HI	73356	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
MANELE SB HARBOR, LANAI, HI	21050	Shallow Draft Single Purpose	POH	24	23	1	0	0	23
PROJECT CONDITION SURVEY	14620	Shallow Draft Single Purpose	POH	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, HI	76515	Shallow Draft Single Purpose	POH	263	263	0	0	0	263
<b>SUBTOTAL</b>				<b>287</b>	<b>286</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>286</b>

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>ILLINOIS</b>									
ANDALUSIA HARBOR, IL	88826	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
ILLINOIS AND MISSISSIPPI CANAL IL	47032	Shallow Draft Single Purpose	MVR	3	0	3	0	0	0
LAKE MICHIGAN DIVERSION	8218	Shallow Draft Single Purpose	LRC	799	799	0	0	0	799
PROJECT CONDITION SURVEY	14611	Shallow Draft Single Purpose	LRC	85	85	0	0	0	85
<b>SUBTOTAL</b>				<b>887</b>	<b>884</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>884</b>
<b>INDIANA</b>									
BURNS WATERWAY SBH	87387	Shallow Draft Single Purpose	LRC	114	114	0	0	0	114
<b>SUBTOTAL</b>				<b>114</b>	<b>114</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114</b>
<b>IOWA</b>									
FT. MADISON, IA	88828	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>KENTUCKY</b>									
BIG SANDY HARBOR	10222	Shallow Draft Single Purpose	LRH	1,123	1,123	0	0	0	1,123
ELVIS STAHR HARBOR, PORT OF HICKMAN	22020	Shallow Draft Single Purpose	MVM	421	421	0	0	0	421
<b>SUBTOTAL</b>				<b>1,544</b>	<b>1,544</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,544</b>
<b>LOUISIANA</b>									
BARATARIA BAY WATERWAY	900	Shallow Draft Single Purpose	MVN	3,220	3,220	0	0	0	3,220
BATON ROUGE HARBOR (DEVIL'S SWAMP), LA	77053	MR&T Single Purpose	MVN	520	520	0	0	0	520
BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY	2310	Shallow Draft Single Purpose	MVN	91	91	0	0	0	91
BAYOU SEGNETTE WATERWAY, LA	24	Shallow Draft Single Purpose	MVN	237	237	0	0	0	237
BAYOU TECHE LA	1150	Shallow Draft Single Purpose	MVN	1,300	1,295	5	0	0	1,295
BAYOU TECHE & VERMILION RIVER,LA	1160	Shallow Draft Single Purpose	MVN	7	7	0	0	0	7

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
CADDO LAKE	2330	Shallow Draft Multiple Purpose w/o Alloc	MVK	86	0	86	0	0	0
CHEFUNCTE RIVER	174	Shallow Draft Single Purpose	MVN	0	0	0	0	0	0
FRESHWATER BAYOU	6200	Shallow Draft Single Purpose	MVN	4,386	4,385	1	0	0	4,385
LAKE PROVIDENCE HARBOR LA	9360	Shallow Draft Single Purpose	MVK	250	250	0	0	0	250
MADISON PARISH PORT LA	87168	Shallow Draft Single Purpose	MVK	60	60	0	0	0	60
MISS RIVER OUTLETS AT VENICE LA	63	Shallow Draft Single Purpose	MVN	3,319	3,319	0	0	0	3,319
PROJECT CONDITION SURVEYS	14602	Shallow Draft Single Purpose	MVN	17	17	0	0	0	17
REMOVAL OF AQUATIC GROWTH	15171	Shallow Draft Single Purpose	MVN	1,411	1,411	0	0	0	1,411
TANGIPAHOA	17970	Shallow Draft Single Purpose	MVN	6	6	0	0	0	6
WATERWAY FROM EMPIRE, LA TO THE GULF OF MEXICO	202	Shallow Draft Single Purpose	MVN	1	1	0	0	0	1
WATERWAY FROM IWW TO B DULAC	188	Shallow Draft Single Purpose	MVN	103	103	0	0	0	103
<b>SUBTOTAL</b>				<b>15,014</b>	<b>14,922</b>	<b>92</b>	<b>0</b>	<b>0</b>	<b>14,922</b>
<b>MAINE</b>									
BELFAST HARBOR, ME	21750	Shallow Draft Single Purpose	NAE	48	48	0	0	0	48
INTL. ST. CROIX RVR BOARD	53902	Shallow Draft Single Purpose	NAE	17	17	0	0	0	17
INTL. WATER ST. CROIX RVR BOARD	53903	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
KENNEBUNK RIVER, ME	8900	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
NARRAGUAGUS RIVER, ME	359	Shallow Draft Single Purpose	NAE	95	95	0	0	0	95
PROJECT CONDITION SURVEYS, ME	76523	Shallow Draft Single Purpose	NAE	423	419	4	0	0	419
UNION RIVER, ME	387	Shallow Draft Single Purpose	NAE	1,071	1,070	1	0	0	1,070
WELLS HARBOR, ME	39023	Shallow Draft Single Purpose	NAE	63	63	0	0	0	63
<b>SUBTOTAL</b>				<b>1,717</b>	<b>1,712</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1,712</b>
<b>MARYLAND</b>									
CHESTER RIVER	73557	Shallow Draft Single Purpose	NAB	35	35	0	0	0	35
CRISFIELD HARBOR	73559	Shallow Draft Single Purpose	NAB	28	28	0	0	0	28

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DUCK POINT	73580	Shallow Draft Single Purpose	NAB	19	19	0	0	0	19
FISHING CREEK MD	73584	Shallow Draft Single Purpose	NAB	51	51	0	0	0	51
HERRING BAY AND ROCKHOLD CREEK	73585	Shallow Draft Single Purpose	NAB	529	529	0	0	0	529
HONGA RIVER & TAR BAY	22690	Shallow Draft Single Purpose	NAB	56	56	0	0	0	56
KNAPPS NARROWS	73589	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
LITTLE WICOMICO RIVER	9980	Shallow Draft Single Purpose	NAB	10	10	0	0	0	10
LOWER THOROFARE DEAL ISLAND MD	73592	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
MUDDY HOOK & TYLER COVES	40025	Shallow Draft Single Purpose	NAB	23	23	0	0	0	23
NANTICOKE AT NANTICOKE	73564	Shallow Draft Single Purpose	NAB	406	406	0	0	0	406
NANTICOKE RIVER NORTHWEST FORK	73549	Shallow Draft Single Purpose	NAB	71	71	0	0	0	71
NEALE SOUND MD	73566	Shallow Draft Single Purpose	NAB	490	490	0	0	0	490
NORTHEAST RIVER	27009	Shallow Draft Single Purpose	NAB	0	0	0	0	0	0
OCEAN CITY HARBOR & INLET & SINEPUXENT	73567	Shallow Draft Single Purpose	NAB	2,661	2,661	0	0	0	2,661
POCOMOKE RIVER	73570	Shallow Draft Single Purpose	NAB	72	72	0	0	0	72
PROJECT CONDITION SURVEYS	14604	Shallow Draft Single Purpose	NAB	242	242	0	0	0	242
RHODES PT TO TYLERTON	73574	Shallow Draft Single Purpose	NAB	945	945	0	0	0	945
SHALLOW CREEK, MD	87544	Shallow Draft Single Purpose	NAB	-1	-1	0	0	0	-1
ST JEROME	73579	Shallow Draft Single Purpose	NAB	17	17	0	0	0	17
TWITCH COVE & BIG THOROFARE	73602	Shallow Draft Single Purpose	NAB	1,106	1,106	0	0	0	1,106
UPPER THOROFARE RIVER MD	73604	Shallow Draft Single Purpose	NAB	28	28	0	0	0	28
WICOMICO RIVER	73606	Shallow Draft Single Purpose	NAB	200	200	0	0	0	200
<b>SUBTOTAL</b>				<b>6,988</b>	<b>6,988</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,988</b>
<b>MASSACHUSETTS</b>									
ANDREWS RIVER	87009	Shallow Draft Single Purpose	NAE	75	75	0	0	0	75
AUNT LYDIAS COVE, MA	87674	Shallow Draft Single Purpose	NAE	284	284	0	0	0	284
CHATHAM (STAGE) HARBOR	39001	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0



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COHASSET HARBOR, MA	3560	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
CUTTYHUNK HARBOR	409	Shallow Draft Single Purpose	NAE	0	0	0	0	0	0
GREEN HARBOR	6920	Shallow Draft Single Purpose	NAE	205	205	0	0	0	205
NEWBURYPORT HARBOR	39018	Shallow Draft Single Purpose	NAE	7	7	0	0	0	7
PROJECT CONDITION SURVEYS	14607	Shallow Draft Single Purpose	NAE	40	36	4	0	0	36
PROJECT CONDITION SURVEYS, MA	76525	Shallow Draft Single Purpose	NAE	713	713	0	0	0	713
SESUIT HARBOR,MA	8193	Shallow Draft Single Purpose	NAE	85	85	0	0	0	85
<b>SUBTOTAL</b>				<b>1,409</b>	<b>1,405</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1,405</b>
<b>MICHIGAN</b>									
ARCADIA HARBOR MICHIGAN	46063	Shallow Draft Single Purpose	LRE	120	120	0	0	0	120
AU SABLE HARBOR MICHIGAN	770	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
BAY PORT HARBOR MICHIGAN	76062	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
BIG BAY HARBOR MICHIGAN	1410	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
BLACK RIVER UPPER PENINSULA MICHIGAN	1640	Shallow Draft Single Purpose	LRE	4	4	0	0	0	4
BOLLES HARBOR MICHIGAN	87750	Shallow Draft Single Purpose	LRE	24	24	0	0	0	24
CASEVILLE HARBOR MICHIGAN	74199	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
CEDAR RIVER HARBOR, MI	2820	Shallow Draft Single Purpose	LRE	315	315	0	0	0	315
CLINTON RIVER MICHIGAN	3490	Shallow Draft Single Purpose	LRE	22	22	0	0	0	22
GRAND TRAVERSE BAY HARBOR MICHIGAN	6730	Shallow Draft Single Purpose	LRE	51	51	0	0	0	51
GREAT LAKES RECREATIONAL BOATING, MI	10661	Shallow Draft Single Purpose	LRE	0		0	0	0	0
GREILICKVILLE (TRAVERSE CITY) HARBOR MICHIGAN	46103	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
HARRISVILLE HARBOR MICHIGAN	53550	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
INLAND ROUTE MICHIGAN	48140	Shallow Draft Single Purpose	LRE	35	35	0	0	0	35
LAC LABELLE HARBOR MICHIGAN	9210	Shallow Draft Single Purpose	LRE	49	49	0	0	0	49
LELAND HARBOR MICHIGAN	46018	Shallow Draft Single Purpose	LRE	186	186	0	0	0	186
LEXINGTON HARBOR MICHIGAN	74006	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0

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LEXINGTON HARBOR - MITIGATION OF SHORE DAMAGE	73909	Shallow Draft Single Purpose	LRE	1	1	0	0	0	1
LITTLE LAKE HARBOR MICHIGAN	9890	Shallow Draft Single Purpose	LRE	18	18	0	0	0	18
NEW BUFFALO HARBOR MICHIGAN	1020	Shallow Draft Single Purpose	LRE	6	6	0	0	0	6
PETOSKEY HARBOR MICHIGAN	74170	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
POINT LOOKOUT HARBOR MICHIGAN	14220	Shallow Draft Single Purpose	LRE	6	6	0	0	0	6
PORT AUSTIN HARBOR MICHIGAN	74213	Shallow Draft Single Purpose	LRE	88	71	17	0	0	71
PORT SANILAC HARBOR MICHIGAN	46039	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
PORT SANILAC HARBOR - MITIGATION OF SHORE DAMAGE	14410	Shallow Draft Single Purpose	LRE	1	1	0	0	0	1
PROJECT CONDITION SURVEYS MI WI & MN	14612	Shallow Draft Single Purpose	LRE	222	222	0	0	0	222
SAUGATUCK HARBOR MICHIGAN	16390	Shallow Draft Single Purpose	LRE	178	178	0	0	0	178
SEBEWAING RIVER MICHIGAN	76061	Shallow Draft Single Purpose	LRE	29	29	0	0	0	29
WHITEFISH POINT HARBOR MICHIGAN	19850	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,355</b>	<b>1,338</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>1,338</b>
<b>MINNESOTA</b>									
INTERNATIONAL WATER STUDIES, MINNESOTA	53900	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
MINNESOTA RIVER	11310	Shallow Draft Single Purpose	MVP	26	26	0	0	0	26
PROJECT CONDITION SURVEYS, MINNESOTA	14603	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
PROJECT CONDITION SURVEYS, MN	76527	Shallow Draft Single Purpose	MVP	5	5	0	0	0	5
ST PAUL SMALL BOAT HARBOR	88807	Shallow Draft Single Purpose	MVP	62	62	0	0	0	62
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53901	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76627	Shallow Draft Single Purpose	MVP	44	44	0	0	0	44
WARROAD HARBOR MN	48011	Shallow Draft Single Purpose	MVP	0	0	0	0	0	0
WINONA SMALL BOAT HARBOR, MN	88816	Shallow Draft Single Purpose	MVP	22	22	0	0	0	22
<b>SUBTOTAL</b>				<b>159</b>	<b>159</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>159</b>

**APPENDIX D: TABLE 1S**  
**SHALLOW DRAFT NAVIGATION COST RECOVERY ANALYSIS**  
**OPERATIONS AND MAINTENANCE EXPENDITURES**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>MISSISSIPPI</b>									
BILOXI HARBOR	1520	Shallow Draft Single Purpose	SAM	109	106	3	0	0	106
CADET BAYOU	20600	Shallow Draft Single Purpose	SAM	658	658	0	0	0	658
CLAIBORNE COUNTY PORT	87249	Shallow Draft Single Purpose	MVK	0	0	0	0	0	0
GREENVILLE HARBOR, MS	77051	MR&T Single Purpose	MVK	574	574	0	0	0	574
MOUTH OF YAZOO RIVER	493	Shallow Draft Single Purpose	MVK	0	0	0	0	0	0
PASS CHRISTIAN HARBOR	74564	Shallow Draft Single Purpose	SAM	0	0	0	0	0	0
ROSEDALE HARBOR MS	87072	Shallow Draft Single Purpose	MVK	348	348	0	0	0	348
VICKSBURG HARBOR, MS	77052	MR&T Single Purpose	MVK	106	106	0	0	0	106
WOLF AND JORDAN RIVERS	20160	Shallow Draft Single Purpose	SAM	12	12	0	0	0	12
YAZOO RIVER MS	20350	Shallow Draft Single Purpose	MVK	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,807</b>	<b>1,804</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1,804</b>
<b>MISSOURI</b>									
CARUTHERSVILLE HARBOR	87092	Shallow Draft Single Purpose	MVM	242	242	0	0	0	242
HANNIBAL SBH, MO	88830	Shallow Draft Single Purpose	MVR	0	0	0	0	0	0
NEW MADRID HARBOR, MO.	33012	Shallow Draft Single Purpose	MVM	270	270	0	0	0	270
PROJECT CONDITION SURVEYS	14601	Shallow Draft Single Purpose	MVM	31	31	0	0	0	31
SOUTHEAST MO PORT, MS R, MO	87404	Shallow Draft Single Purpose	MVS	156	156	0	0	0	156
<b>SUBTOTAL</b>				<b>699</b>	<b>699</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>699</b>
<b>NEW HAMPSHIRE</b>									
COCHECO RIVER, NH	505	Shallow Draft Single Purpose	NAE	22	22	0	0	0	22
LITTLE HARBOR, NH	509	Shallow Draft Single Purpose	NAE	76	76	0	0	0	76
PROJECT CONDITION SURVEYS, NH	76533	Shallow Draft Single Purpose	NAE	151	151	0	0	0	151
<b>SUBTOTAL</b>				<b>249</b>	<b>249</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>249</b>

**APPENDIX D: TABLE 1S**  
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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>NEW JERSEY</b>									
BARNEGAT INLET	950	Shallow Draft Single Purpose	NAP	2,077	2,077	0	0	0	2,077
MANASQUAN RIVER	10450	Shallow Draft Single Purpose	NAP	80	80	0	0	0	80
NEW JERSEY INTRACOASTAL WATERWAY	8190	Shallow Draft Single Purpose	NAP	1,921	1,881	40	0	0	1,881
PROJECT CONDITION SURVEYS, NJ	76534	Shallow Draft Single Purpose	NAN	369	369	0	0	0	369
SHARK RIVER	41007	Shallow Draft Single Purpose	NAN	96	96	0	0	0	96
SHOAL HARBOR & COMPTON CREEK	41035	Shallow Draft Single Purpose	NAN	-15	-15	0	0	0	-15
SHREWSBURY RIVER NJ	16780	Shallow Draft Single Purpose	NAN	125	125	0	0	0	125
TUCKERTON CREEK, NJ	18580	Shallow Draft Single Purpose	NAP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>4,653</b>	<b>4,613</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>4,613</b>
<b>NEW YORK</b>									
BARCELONA HARBOR	44036	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
BRONX RIVER	41057	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
CATSKILL CREEK, NY	80250	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
CATTARAUGUS CREEK HARBOR	73920	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
EAST ROCKAWAY INLET	5220	Shallow Draft Single Purpose	NAN	446	446	0	0	0	446
EASTCHESTER CREEK	41004	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
FIRE ISLAND INLET	5890	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
FIRE ISLAND TO JONES INLET	5880	Shallow Draft Multiple Purpose w/o Alloc	NAN	3,527	3,527	0	0	0	3,527
GLEN COVE CREEK	73686	Shallow Draft Single Purpose	NAN	1,572	1,572	0	0	0	1,572
GREAT KILLS HARBOR	73690	Shallow Draft Single Purpose	NAN	1,120	1,120	0	0	0	1,120
GREAT SOUTH BAY	60570	Shallow Draft Single Purpose	NAN	16	16	0	0	0	16
IRONDEQUOIT BAY HARBOR	8220	Shallow Draft Single Purpose	LRB	1	0	1	0	0	0
JONES INLET NY	41006	Shallow Draft Single Purpose	NAN	45	45	0	0	0	45
LAKE MONTAUK HARBOR	9340	Shallow Draft Single Purpose	NAN	9	9	0	0	0	9
LONG ISLAND INTRACOASTAL WATERWAY	10040	Shallow Draft Single Purpose	NAN	2,373	2,373	0	0	0	2,373

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
MAMARONECK HARBOR	41005	Shallow Draft Single Purpose	NAN	-31	-31	0	0	0	-31
MATTITUCK HARBOR	41082	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
MORICHES INLET	11840	Shallow Draft Single Purpose	NAN	77	77	0	0	0	77
NARROWS OF LAKE CHAMPLAIN	12200	Shallow Draft Single Purpose	NAN	333	333	0	0	0	333
OAK ORCHARD HARBOR	12980	Shallow Draft Single Purpose	LRB	1	0	1	0	0	0
PLATTSBURGH HARBOR	73746	Shallow Draft Single Purpose	NAN	2,197	2,197	0	0	0	2,197
PORTCHESTER HARBOR	73747	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14610	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14920	Shallow Draft Single Purpose	NAN	1,198	1,198	0	0	0	1,198
PROJECT CONDITION SURVEYS, NY	76535	Shallow Draft Single Purpose	NAN	275	275	0	0	0	275
PROJECT CONDITION SURVEYS, NY	76536	Shallow Draft Single Purpose	LRB	219	219	0	0	0	219
RONDOUT HARBOR	73705	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
ROUSSES POINT, NY	73707	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SAG HARBOR, NY	73708	Shallow Draft Single Purpose	NAN	3,188	3,188	0	0	0	3,188
SAUGERTIES HARBOR	73709	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
SHINNECOCK INLET	73644	Shallow Draft Single Purpose	NAN	166	166	0	0	0	166
STURGEON POINT SMALL BOAT HARBOR	87433	Shallow Draft Single Purpose	LRB	8	8	0	0	0	8
WESTCHESTER CREEK	41003	Shallow Draft Single Purpose	NAN	0	0	0	0	0	0
WILSON HARBOR	73938	Shallow Draft Single Purpose	LRB	10	0	10	0	0	0
<b>SUBTOTAL</b>				<b>16,750</b>	<b>16,738</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>16,738</b>
<b>NORTH CAROLINA</b>									
ATLANTIC BEACH CHANNELS NC	7604	Shallow Draft Single Purpose	SAW	70	70	0	0	0	70
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT NC	2890	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
LOCKWOODS FOLLY RIVER NC	10020	Shallow Draft Single Purpose	SAW	1,228	1,228	0	0	0	1,228
MANTEO (SHALLOWBAG) BAY NC	10580	Shallow Draft Single Purpose	SAW	5,905	5,904	1	0	0	5,904
OCRACOCK INLET NC	529	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
PAMLICO AND TAR RIVERS NC	74615	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
PROJECT CONDITION SURVEYS	14617	Shallow Draft Single Purpose	SAW	64	64	0	0	0	64
ROLLINSON CHANNEL, NC	15490	Shallow Draft Single Purpose	SAW	243	243	0	0	0	243
SHALLOTTE RIVER, NC	16660	Shallow Draft Single Purpose	SAW	114	114	0	0	0	114
SILVER LAKE HARBOR NC	16800	Shallow Draft Single Purpose	SAW	831	831	0	0	0	831
WW CONNECTING PAMLICO SOUND & BEAUFORT HBR	74632	Shallow Draft Single Purpose	SAW	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>8,455</b>	<b>8,454</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8,454</b>
<b>NORTH DAKOTA</b>									
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76638	Shallow Draft Single Purpose	MVP	21	21	0	0	0	21
<b>SUBTOTAL</b>				<b>21</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>
<b>OHIO</b>									
PORT CLINTON HARBOR	21540	Shallow Draft Single Purpose	LRB	85	80	5	0	0	80
PORTSMOUTH HARBOR	10221	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
PUT-IN-BAY, OH	8296	Shallow Draft Single Purpose	LRB	0	0	0	0	0	0
ROCKY RIVER OH	44072	Shallow Draft Single Purpose	LRB	11	11	0	0	0	11
TOUSSAINT RIVER, OH	87453	Shallow Draft Single Purpose	LRB	43	43	0	0	0	43
VERMILION HARBOR	44003	Shallow Draft Single Purpose	LRB	2	2	0	0	0	2
WEST HARBOR	74025	Shallow Draft Single Purpose	LRB	-3	-3	0	0	0	-3
<b>SUBTOTAL</b>				<b>138</b>	<b>133</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>133</b>
<b>OREGON</b>									
CHETCO RIVER OR	3130	Shallow Draft Single Purpose	NWP	352	352	0	0	0	352
COQUILLE RIVER OR	3900	Shallow Draft Single Purpose	NWP	239	239	0	0	0	239
DEPOE BAY OR	4610	Shallow Draft Single Purpose	NWP	242	242	0	0	0	242
PROJECT CONDITION SURVEYS	14608	Shallow Draft Single Purpose	NWP	0	0	0	0	0	0

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
PROJECT CONDITION SURVEYS, OR	76541	Shallow Draft Single Purpose	NWP	48	48	0	0	0	48
ROGUE RIVER AT GOLD BEACH OR	15600	Shallow Draft Single Purpose	NWP	704	704	0	0	0	704
YAQUINA RIVER	20300	Shallow Draft Single Purpose	NWP	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>1,585</b>	<b>1,585</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,585</b>
<b>PENNSYLVANIA</b>									
PROJECT CONDITION SURVEYS	14606	Shallow Draft Single Purpose	NAP	483	-5	488	0	0	-5
PROJECT CONDITION SURVEYS	14606	Shallow Draft Single Purpose	NAP	555	67	488	0	0	67
PROJECT CONDITION SURVEYS, PA	76542	Shallow Draft Single Purpose	LRB	3	3	0	0	0	3
<b>SUBTOTAL</b>				<b>1,041</b>	<b>65</b>	<b>976</b>	<b>0</b>	<b>0</b>	<b>65</b>
<b>PUERTO RICO</b>									
AGUADILLA HARBOR, PUERTO RICO	87427	Shallow Draft Single Purpose	SAJ	27	27	0	0	0	27
<b>SUBTOTAL</b>				<b>27</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
<b>RHODE ISLAND</b>									
PROJECT CONDITION SURVEYS, RI	76544	Shallow Draft Single Purpose	NAE	284	284	0	0	0	284
<b>SUBTOTAL</b>				<b>284</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>284</b>
<b>SOUTH CAROLINA</b>									
FOLLY RIVER SC	87088	Shallow Draft Single Purpose	SAC	659	659	0	0	0	659
LITTLE RIVER INLET SC, NC	9930	Shallow Draft Single Purpose	SAC	0	0	0	0	0	0
MURRELLS INLET SC	12030	Shallow Draft Single Purpose	SAC	2,453	2,453	0	0	0	2,453
PROJECT CONDITION SURVEYS	14614	Shallow Draft Single Purpose	SAC	43	43	0	0	0	43
TOWN CREEK SC	1	Shallow Draft Single Purpose	SAC	345	345	0	0	0	345
<b>SUBTOTAL</b>				<b>3,500</b>	<b>3,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>

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STATE AND PROJECT NAMES	PWI	PROJECT TYPE	DIS/DIV	TOTAL COST	NAV COST	OTHER COST	JOINT COST	JOINT ALLOC TO NAV	NAV RECOV
<b>TENNESSEE</b>									
MEMPHIS HAVOR (MCKELLAR LAKE), TN	77050	MR&T Single Purpose	MVM	1,395	1,215	180	0	0	1,215
WOLF RIVER HARBOR	20150	Shallow Draft Single Purpose	MVM	545	545	0	0	0	545
<b>SUBTOTAL</b>				<b>1,940</b>	<b>1,760</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>1,760</b>
<b>TEXAS</b>									
BENBROOK LAKE	1350	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,130	0	2,130	0	0	0
CEDAR BAYOU	2810	Shallow Draft Single Purpose	SWG	805	802	3	0	0	802
CLEAR CREEK AND LAKE, TX	3330	Shallow Draft Single Purpose	SWG	0	0	0	0	0	0
DOUBLE BAYOU, TX	4930	Shallow Draft Single Purpose	SWG	303	303	0	0	0	303
GRAPEVINE LAKE	6760	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,254	0	2,254	0	0	0
LAKE O THE PINES	5850	Shallow Draft Multiple Purpose w/o Alloc	SWF	2,504	-67	2,571	0	0	-67
SAM RAYBURN DAM AND RES	16040	Shallow Draft Multiple Purpose w/o Alloc	SWF	3,962	-375	3,507	830	0	-375
TRINITY RIVER & TRIBUTARIES	18510	Shallow Draft Single Purpose	SWG	422	412	0	10	0	412
WALLISVILLE LAKE	19380	Shallow Draft Multiple Purpose w/ Alloc	SWG	1,015	34	380	601	120	154
<b>SUBTOTAL</b>				<b>13,395</b>	<b>1,109</b>	<b>10,845</b>	<b>1,441</b>	<b>120</b>	<b>1,229</b>
<b>VERMONT</b>									
BURLINGTON HARBOR BREAKWATER	73727	Shallow Draft Single Purpose	NAN	2,296	2,296	0	0	0	2,296
<b>SUBTOTAL</b>				<b>2,296</b>	<b>2,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,296</b>
<b>VIRGINIA</b>									
APPOMATTOX RIVER , VIRGINIA	30580	Shallow Draft Single Purpose	NAO	491	491	0	0	0	491
BENNETTS CREEK	87461	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
CHINCOTEAGUE BAY CHANNEL	10890	Shallow Draft Single Purpose	NAO	210	210	0	0	0	210
CHINCOTEAGUE INLET , VIRGINIA	76106	Shallow Draft Single Purpose	NAO	1,591	1,589	2	0	0	1,589
DAVIS CREEK, VA	81397	Shallow Draft Single Purpose	NAO	44	44	0	0	0	44



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GREENVALE CREEK, VA	76345	Shallow Draft Single Purpose	NAO	24	24	0	0	0	24
HOSKINS CREEK, VA.	20920	Shallow Draft Single Purpose	NAO	28	28	0	0	0	28
JACKSON CREEK, VA	27031	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
LYNNHAVEN INLET , VIRGINIA	10310	Shallow Draft Single Purpose	NAO	909	909	0	0	0	909
NANDUA CREEK	73782	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
OCCOQUAN CREEK, VA	595	Shallow Draft Single Purpose	NAB	323	323	0	0	0	323
OYSTER CHANNEL VA	73792	Shallow Draft Single Purpose	NAO	231	231	0	0	0	231
PAGAN RIVER,VA	73793	Shallow Draft Single Purpose	NAO	138	138	0	0	0	138
POTOMAC RIVER AT MT VERNON,VA	598	Shallow Draft Single Purpose	NAB	948	948	0	0	0	948
PROJECT CONDITION SURVEYS, VIRGINIA	14605	Shallow Draft Single Purpose	NAO	603	603	0	0	0	603
QUINBY CREEK , VIRGINIA	14770	Shallow Draft Single Purpose	NAO	15	15	0	0	0	15
RUDEE INLET, VIRGINIA	87455	Shallow Draft Single Purpose	NAO	850	850	0	0	0	850
STARLINGS CREEK, VA	42001	Shallow Draft Single Purpose	NAO	0	0	0	0	0	0
TANGIER CHANNEL	27650	Shallow Draft Single Purpose	NAO	40	40	0	0	0	40
TYLERS BEACH , VIRGINIA	76107	Shallow Draft Single Purpose	NAO	9	9	0	0	0	9
WATERWAY ON THE COAST OF VIRGINIA , VIRGINIA	19550	Shallow Draft Single Purpose	NAO	792	792	0	0	0	792
WHITINGS CREEK, VA	605	Shallow Draft Single Purpose	NAO	20	20	0	0	0	20
WINTER HARBOR , MATHEWS CO., VIRGINIA	73802	Shallow Draft Single Purpose	NAO	1,817	1,817	0	0	0	1,817
<b>SUBTOTAL</b>				<b>9,083</b>	<b>9,081</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>9,081</b>
<b>WASHINGTON</b>									
COLUMBIA RIVER AT BAKER BAY, WA	3570	Shallow Draft Single Purpose	NWP	24	24	0	0	0	24
COLUMBIA RIVER BETWEEN CHINOOK & SAND ISLAND	23080	Shallow Draft Single Purpose	NWP	31	31	0	0	0	31
NEAH BAY	67314	Shallow Draft Single Purpose	NWS	1,198	1,198	0	0	0	1,198
PROJECT CONDITION SURVEYS	14609	Shallow Draft Single Purpose	NWS	48	48	0	0	0	48
PROJECT CONDITION SURVEYS, WA	76553	Shallow Draft Single Purpose	NWS	195	195	0	0	0	195
QUILLAYUTE RIVER	14760	Shallow Draft Single Purpose	NWS	1,618	1,618	0	0	0	1,618

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SWINOMISH CHANNEL	17870	Shallow Draft Single Purpose	NWS	224	224	0	0	0	224
<b>SUBTOTAL</b>				<b>3,338</b>	<b>3,338</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,338</b>
<b>WEST VIRGINIA</b>									
CHARLESTON RIVER FRONT PARK, WV	10307	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
ELK RIVER HARBOUR	88833	Shallow Draft Single Purpose	LRH	0	0	0	0	0	0
<b>SUBTOTAL</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WISCONSIN</b>									
ALGOMA HARBOR WISCONSIN	74177	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
BIG SUAMICO WISCONSIN	612	Shallow Draft Single Purpose	LRE	415	415	0	0	0	415
CORNUCOPIA HARBOR WISCONSIN	3970	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
FOX RIVER WISCONSIN	6610	Shallow Draft Single Purpose	LRE	4,112	3,753	359	0	0	3,753
LA POINT HARBOR WISCONSIN	9450	Shallow Draft Single Purpose	LRE	0	0	0	0	0	0
SAXON HARBOR WISCONSIN	16500	Shallow Draft Single Purpose	LRE	4	4	0	0	0	4
<b>SUBTOTAL</b>				<b>4,531</b>	<b>4,172</b>	<b>359</b>	<b>0</b>	<b>0</b>	<b>4,172</b>
<b>TOTAL</b>				<b>176,348</b>	<b>114,328</b>	<b>56,245</b>	<b>5,775</b>	<b>433</b>	<b>114,761</b>