

**ANNUAL REPORT TO CONGRESS ON  
THE STATUS OF THE HARBOR MAINTENANCE TRUST FUND  
FOR FISCAL YEARS 2003 AND 2004**



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**EXECUTIVE SUMMARY**

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 Bureau of Customs and Border Protection (CBP) (effective March 1, 2003) 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 in harbors and channels, but not inland waterways, 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) necessary for Federal channel and harbor O&M, for operation and maintenance of DMDF's, for the mitigation of the impacts of Federal navigation O&M on nearby shores, and for the dredging of contaminated sediments in or affecting Federal navigation channels and harbors also are 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 2003 and FY 2004. 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. In 2003, the last year for which annual tonnage figures are available, total U.S. waterborne commerce totaled 2.394 billion short tons, an increase of 2.3 percent over 2002 total tonnage figures. Of this amount, foreign waterborne commerce (imports and exports) totaled a record 1.378 billion tons, valued at \$807 billion, an increase of 4.5 percent over 2002 foreign waterborne tonnage and an increase of 5.6 percent in value. The 2003 value of foreign waterborne commerce is equivalent to approximately 7 percent of U.S. Gross Domestic Product. The domestic waterborne commerce share of total waterborne commerce in 2003 totaled 1.016 billion tons, a decrease of 0.5 percent from 2002 domestic waterborne tonnage.

The maintenance of navigable harbors and channels is the primary O&M activity for which Corps expenditures are recovered from the HMTF. In FY 2003 Corps O&M expenditures for channels and harbors totaled \$679.2 million. In FY 2004 Corps O&M expenditures for channels and harbors totaled \$676.1 million. The O&M of DMDFs, projects financed from the Operation and Maintenance, General

account for mitigation of shore damage due to Federal navigation projects, and O&M dredging of contaminated sediments are included in the harbor O&M costs above. The Federal share of construction of DMDFs necessary for Federal harbor and channel O&M, which has been recovered from the Construction, General account since FY 1999, was \$5.9 million in FY 2003 and \$5.3 million in FY 2004. Total Corps expenditures eligible for recovery from the HMTF were therefore \$685.1 million in FY 2003 and \$681.4 million in FY 2004.

In Fiscal Year 2004 revenues (HMT receipts plus accrued interest) deposited into the HMTF totaled \$945.9 million, an increase of \$141.4 million (17.6 percent) over Fiscal Year 2003 revenues (see Table ES-1). In FY 2003 revenues (receipts plus interest) deposited into the HMTF totaled \$804.5 million, an increase of \$93.7 million (13.2 percent) over FY 2002 revenues. In FY 2004, transfers from the HMTF totaled \$648.2 million, an increase of \$62.3 million (10.6 percent) over FY 2003 transfers of \$585.9 million. The FY 2003 figure of \$585.9 million in transfers was a decrease of \$70.3 million (10.7 percent) versus FY 2002 transfers.

In FY 2004 the ending balance of the HMTF was \$2.390 billion, an increase of \$298 million (14.2 percent) over FY 2003's ending balance. In FY 2003 the ending balance of the HMTF was \$2.092 billion, an increase of \$219 million (11.7 percent) over FY 2002's ending balance of \$1.873 billion. The ending balance of the HMTF is projected to increase to approximately \$2.709 billion in FY 2005, an increase of \$317 million (13 percent) versus FY 2004, and \$3.174 billion in FY 2006, an increase of \$465 million (17 percent) versus FY 2005's projected ending balance. In sum, revenues substantially exceeded transfers in FY 2003 and FY 2004, as they have for a number of years. With no changes in the conditions affecting revenues or transfers, the balance in the HMTF is projected to continue to grow and to be sufficient to meet future demands.

**Table ES-1**  
**Summary of Recent Operations,**  
**Actual (FY 2001 - 2004) and Projected (FY 2005 - 2006)**  
*(thousands of dollars)*

	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
<b>Begininng Balance</b>	1,667,642	1,818,841	1,873,417	2,092,079	2,390,000	2,709,000
<b>Revenues</b> (HMT & Accrued Interest)	810,769	710,790	804,518	945, 935	1,012,000	1,150,000
<b>Total Available</b>	2,478,411	2,529,631	2,677,935	3,038,014	3,402,000	3,859,000
<b>Transfers</b> (Expenditures)	659,570	656,214	585,854	648,199	693,000	685,000
<b>Ending Balance</b>	1,818,841	1,873,417	2,092,079	2,389,815	2,709,000	3,174,000

FY 2001, 2002, 2003 and 2004 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. Estimates for FY 2005 - 2006 are from the President's FY 2006 Budget, with adjustments to reflect accrued interest rather than interest deposited.

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**I. BACKGROUND**

1. **Authority.** This report on the status of the Harbor Maintenance Tax (HMT) and Harbor Maintenance Trust Fund (HMTF) is provided in accordance with Section 330 of the Water Resources Development Act (WRDA) of 1992 (P.L. 102-580). The report covers the financial condition and results of operations of the trust fund for Fiscal Years 2003 and 2004 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 1402 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 Bureau of Customs and Border Protection (CBP) within the Department of Homeland Security, which was established on March 1, 2003. Before that date the Customs Service was within the Department of the Treasury. The Customs Service made an administrative decision before implementation of the HMT to exclude shallow draft ports and harbors from the list of ports where the HMT is applied. 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 CBP 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 specifically authorized 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 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 (P.L. 104-303) 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 from Federal navigation, 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 and joint use purposes, such as hydropower, 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. Funds transferred to the SLSDC for the operation and maintenance of the Seaway, including \$200,000 for SLSDC rent payments, amounted to \$13,974,000 for FY 2003 and \$14,273,000 for 2004.

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 appropriations 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 CBP, 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, \$642,000 was made available to the Corps in FY 2003 and \$631,000 in FY 2004 to collect and validate domestic and foreign shipper information required for auditing HMT collections, tracking O&M expenditures, and to coordinate with the CBP 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 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 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 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 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 CBP 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 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 2003 totaled \$215.6 million and those during FY 2004 totaled \$70.1 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 \$192.2 million as of September 2003 and \$103.6 million as of September 2004.

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 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) Consultations 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 satisfactory legislation were not passed by January 1, 2000, it would ask for a panel. No panel had been requested as of September 30, 2004.

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. **Total Waterborne Commerce.** Federally maintained harbors and channels and associated non-Federal port and dock facilities are vital to the waterborne transportation of domestic and internationally traded goods, and are an essential contributor to the economic viability of the United States within the global marketplace. Total waterborne commerce in the U.S. in calendar year 2003 increased 54 million tons (2.3 percent) over 2002 to 2.394 billion short tons (Table 1). That was the second highest total after 2.425 billion tons in 2000. The overall increase was due to an increase of 59 million tons in foreign waterborne commerce to 1.378 billion tons, which more than offset a decrease of 5 million tons in domestic waterborne commerce to 1.016 billion tons.

24. **Foreign Waterborne Commerce.** In 2003 foreign waterborne commerce reached a record 1.378 billion tons (Table 1). The foreign traffic was valued at \$807 billion, equivalent to approximately 7 percent of U.S. Gross Domestic Product. Foreign commerce in 2003 was comprised of 1.005 billion tons of imports (a 73 percent share) and 373 million tons of exports. Imports were valued at \$604.6 billion (75 percent of foreign cargo value) and exports at \$202.5 billion. Imports rose 70 million tons (7.5 percent) in 2003 to exceed one billion tons for the first time. Over the 17 years since the HMT was instituted in 1987, imports grew from 507.7 million tons to 1.005 billion tons, an increase of 98 percent. The value of imports increased more rapidly, up 126 percent from \$267.8 billion in 1988 to \$604.6 billion in 2003. In contrast, exports decreased 2.6 percent from 383.3 million tons in 1987 to 373.3 million tons in 2003, their lowest level in the past 17 years. Despite the decline in tonnage, the value of exports increased 52 percent from \$132.9 billion in 1988 to \$202.5 billion in 2003.

25. **Domestic Waterborne Commerce.** In 2003 domestic waterborne commerce totaled 1.016 billion tons, a decrease of 0.5 percent from 2002 domestic waterborne tonnage (Table 1). The 2003 tonnage was also a decrease of 5.5 percent from the record domestic waterborne traffic of 1.122 billion tons in 1990. Domestic tonnage in 2003 was at its lowest level during the past 17 years. Values of domestic waterborne commerce are not available. Coastwise and lakewise traffic, two components of domestic waterborne commerce that are generally subject to the HMT, experienced declines in cargo tonnage between 1987 and 2003. Coastwise traffic, cargo moving between harbors on the Atlantic, Pacific, or Gulf Coasts beyond the inland and intracoastal waterways, declined 30.9 percent from 323.5 million tons in 1987 to 223.5 million tons in 2003. Lakewise traffic, cargo moving between U.S. Great Lakes harbors, declined 7 percent from 96.5 million tons in 1987 to 89.8 million tons in 2003. As a result, the combined coastwise and lakewise traffic decreased from a 41 percent share of total domestic waterborne tonnage to a 31 percent share. Internal traffic, the largest component of domestic waterborne traffic with a 60 percent share, is generally not subject to the HMT. During the period from 1987 to 2003 internal traffic, cargo moving on the inland and intracoastal waterways, increased by 39.8 million tons (7 percent) from 569.8 million tons to 609.6 million tons. Intraport and intraterritory traffic comprise the remaining 9 percent of domestic waterborne commerce.

26. **States and Territories.** Forty-four states and territories recorded waterborne commerce in 2003, of which nine states handled over 100 million tons (Table 2). Texas led with 474 million tons followed closely by Louisiana with 470 million tons. Nine states and territories handled 50-99 million tons and thirteen others handled 25-49 million tons. Cargo tonnage assigned to each state is the summation of shipping (domestic and foreign), receiving (domestic and foreign), and intrastate traffic.

**Table 1**  
**U.S. Waterborne Commerce Annual Tonnage by Category**  
**and Total Value of Exports and Imports, Calendar Years 1987 – 2003**  
*(Tonnage in millions of tons; value in millions of dollars)*

Calendar Year	EXPORTS		IMPORTS		DOMESTIC*	TOTAL
	Tonnage	Value	Tonnage	Value	Tonnage	Tonnage
1987	383.3	NA	507.7	NA	1076.5	1,968
1988	426.3	132,878	549.9	267,821	1,111.8	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	1,100.7	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	2,340
1999	400.0	192,700	860.8	479,800	1,061.8	2,323
2000**	415.0	196,826	939.7	540,536	1,069.8	2,425
2001**	399.0	196,306	951.8	523,086	1,042.5	2,393
2002**	384.0	196,100	934.9	568,300	1,021.0	2,340
2003**	373.3	202,481	1,004.8	604,631	1,016.1	2,394

**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 through 1999,  
*Waterborne Databanks*, US Department of Transportation, Maritime Administration for 2000 – 2002, and USACE WCSC for 2003.

• Values of domestic waterborne commerce are not available.

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

**Table 2**  
**U.S. Waterborne Commerce Tonnage by State and Territory in 2003**  
*(millions of short tons)*

State	Tons	Rank	State	Tons	Rank	State	Tons	Rank
Texas	473.9	1	Alaska	65.4	16	Georgia	25.4	31
Louisiana	469.5	2	Virgin Islands	50.0	17	Hawaii	23.6	32
California	193.4	3	Virginia	50.0	18	Connecticut	18.6	33
Florida	131.6	4	Minnesota	47.7	19	Arkansas	15.1	34
Ohio	113.7	5	Maryland	47.5	20	Iowa	14.5	35
Illinois	113.3	6	Mississippi	47.4	21	North Carolina	10.2	36
New Jersey	111.7	7	Tennessee	45.8	22	Rhode Island	9.4	37
Washington	106.5	8	Delaware	42.1	23	New Hampshire	5.0	38
Pennsylvania	104.4	9	Missouri	34.0	24	Oklahoma	4.9	39
New York	99.4	10	Wisconsin	33.5	25	Kansas	1.7	40
Kentucky	99.3	11	Oregon	31.8	26	Idaho	1.1	41
West Virginia	73.3	12	Maine	31.7	27	District of Columbia	0.8	42
Alabama	72.6	13	Massachusetts	30.7	28	Pacific Islands	0.4	43
Indiana	68.1	14	Puerto Rico	29.6	29	Guam	0.3	44
Michigan	66.4	15	South Carolina	27.8	30			

**Source:** *Waterborne Commerce of the United States, Calendar Year 2003, Part 5 - National Summaries*, USACE WCSC.

### III. COLLECTIONS AND REVENUES

27. **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 (see 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 lower value 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 CBP.

28. **Source of Data.** Total HMT collections shown in Table 3 differ slightly from the “official” HMT deposits in Table 7 (shown in Section V. “Balances”) 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), a bureau of the U.S. Department of the Treasury reconciles differences between actual fee receipts as reported by the CBP and its estimates on a monthly basis, as well as at the beginning of each fiscal year. Only the CBP reports collections revenue by source, as shown in Table 3.

29. **Recent Trends.** Total HMT collections increased from \$652.9 million in Fiscal Year 2002 to \$758 million in Fiscal Year 2003, an increase of \$105.1 million (16 percent), and from \$758 million in FY 2003 to \$869.7 million in FY 2004, an increase of \$111.7 million (14.7 percent). Collections in the two most recent fiscal years, 2003 and 2004, are the highest measured since the introduction of the HMT. Collections from every source increased year over year between FY 2003 and 2004.

30. **Imports and Exports.** The level of revenues collected based on imports reached new records in both FY 2003 and 2004, with revenues increasing by \$79.7 million (15 percent) between FY 2002 and FY 2003 and by \$70.5 million (11 percent) between FY 2003 and FY 2004. Revenues collected based on imports represent approximately 80 percent of total HMTF revenues collected. The percentage of total revenues represented by imports has increased to 80 percent in recent years from their historical average of 60 percent, due to the elimination of the collection of HMT on export cargo in fiscal year 1998. The annual valuation data of foreign waterborne commerce (displayed in Table 1 in Section II “Waterborne Commerce”) 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)/Corps 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. (The Census/MARAD/Corps 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/Corps 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/Corps annual valuation data.

31. Free Trade Zone (FTZ)/Domestic. In accordance with 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. Much of the efforts by the Customs Service focused on addressing these sectors, with the result that free trade zone and domestic collections have increased significantly in recent years. In fiscal years 2003 and 2004 free trade zone collections attained their higher levels of collections recorded, at \$87.3 million and \$109.3 million respectively. Domestic collections reached a record \$56.6 million in fiscal year 2004, increasing 39.4 percent over fiscal year 2003's level of \$40.6 million. Fiscal year 2004's level of receipts of \$56.5 million is 104 percent greater receipts measured in fiscal year 2002.

**Table 3**  
**Harbor Maintenance Tax Collections by Source,**  
**Fiscal Years 1987 - 2004**  
*(thousands of dollars)*

<b>Fiscal Year</b>	<b>Imports</b>	<b>Exports</b>	<b>Foreign Trade Zone</b>	<b>Domestic</b>	<b>Passengers</b>	<b>Net Collections</b>	<b>Cumulative Total</b>
<b>1987</b>	43,249	6,777	677	2,414	120	53,237	53,237
<b>1988</b>	99,793	35,938	3,120	9,170	551	148,572	201,809
<b>1989</b>	105,927	44,618	3,876	8,590	666	163,677	365,486
<b>1990</b>	109,215	45,808	4,020	9,069	559	168,671	534,157
<b>1991</b>	258,321	93,194	9,166	19,518	1,977	382,176	916,333
<b>1992</b>	342,402	142,916	16,974	28,451	3,275	534,018	1,450,351
<b>1993</b>	361,678	169,141	20,959	31,858	4,748	588,384	2,038,735
<b>1994</b>	391,679	168,241	21,895	34,558	4,811	621,184	2,659,919
<b>1995</b>	418,858	214,821	14,548	20,241	2,792	671,260	3,331,179
<b>1996</b>	409,708	209,217	27,982	26,788	3,179	676,874	4,008,053
<b>1997</b>	438,395	209,439	48,444	32,828	3,865	732,971	4,741,024
<b>1998</b>	462,895	94,998	45,319	39,158	2,460	644,830	5,385,854
<b>1999</b>	484,169	-49,552	66,674	48,801	1,213	551,305	5,937,159
<b>2000</b>	558,513	-9,587	76,883	44,502	2,152	672,463	7,609,622
<b>2001</b>	583,198	2,455	86,285	39,365	10,309	721,612	8,331,234
<b>2002</b>	544,746	1,566	69,115	27,786	9,643	652,856	8,984,090
<b>2003</b>	624,436	272	87,343	40,649	5,295	757,993	9,742,083
<b>2004</b>	694,883	2,177	109,341	56,588	6,707	869,699	10,613,780
<b>Totals</b>	<b>6,996,337</b>	<b>1,382,439</b>	<b>712,621</b>	<b>520,154</b>	<b>64,322</b>	<b>10,613,780</b>	

**Source:** *Customs and Border Protection Automated Commercial System*, Department of Homeland Security, Bureau of Customs and Border Protection, Office of Finance.

**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. Positive amounts for exports in FY 2001, 2002 and 2003 are adjustments to export revenues previously collected and miscoded.



32. Passengers. HMT collections associated with passenger traffic declined in fiscal year 2003 before rebounding in fiscal year 2004. The significant increase in collections on passengers beginning in FY 2001 (a year over year increase of 470 percent) was 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 Supreme Court did not take the case; therefore, the circuit court decision stands. The Customs Service began billing cruise lines for back payments after the Supreme Court declined to take the case.

33. 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 CBP for FYs 1996 - 2004, 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 CBP 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.

34. 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 Corps' Waterborne Commerce Statistic Center is now involved in identification of foreign cargo movements subject to the tax. The Corps is working with the CBP 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 CBP to use for verifying compliance.

## IV. EXPENDITURES AND TRANSFERS

35. **Expenditures for Corps O&M.** Overall expenditures for Corps harbor and channel O&M eligible for recovery from the HMTF increased 9 percent between FY 2002 and FY 2003 to \$679.2 million, but decreased 2 percent between FY 2003 and FY 2004 to \$676.1 million (Table 4). O&M expenditures for deep draft harbors reached \$560 million in FY 2003 and \$568 million in FY 2004. O&M expenditures for shallow draft harbors were \$119 million in FY 2003 and \$108 million in FY 2004.

**Table 4**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures**  
**For Deep Draft and Shallow Draft Harbor Projects,**  
**Fiscal Years 1988 - 2004**  
*(thousands of dollars)*

Fiscal Year	Deep Draft O&M Costs		Shallow Draft O&M Costs		Total O&M Costs
	\$000	Percent	\$000	Percent	\$000
1988	320,291	81.0	75,173	19.0	395,464
1989	330,742	83.2	66,752	16.8	397,494
1990	303,185	81.9	66,962	18.1	370,147
1991	393,946	85.6	66,502	14.4	460,448
1992	376,307	86.5	58,613	13.5	434,920
1993	415,667	87.6	59,020	12.4	474,687
1994	436,277	84.4	80,609	15.6	516,886
1995	418,893	87.1	62,126	12.9	481,019
1996	461,722	86.6	71,550	13.4	533,272
1997	498,002	86.3	79,118	13.7	577,120
1998	570,308	90.5	60,053	9.5	630,361
1999	585,375	86.1	94,755	13.9	680,130
2000	530,227	84.7	95,927	15.3	626,154
2001	554,184	84.4	102,173	15.6	656,357
2002	507,330	81.9	111,834	18.1	619,164
2003	559,969	82.4	119,254	17.6	679,223
2004	568,234	84.0	107,914	16.0	676,148

**Source:** USACE Navigation Cost Recovery Database System, FY 1997-2004 results and historical record published in *Navigation Operations and Maintenance: Expenditures for Harbors and Waterways*, USACE Institute for Water Resources. This table has also been adjusted to exclude expenditures for O&M of MR&T projects in years 1988 – 2002 (see Paragraph No. 37 below) and is therefore different from corresponding tables in previous reports.

**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.

Deep draft harbor O&M costs comprised about 82 percent of total harbor O&M costs in FY 2003 and 84 percent in 2004. The O&M of DMDFs, projects financed from the Operation and Maintenance, General account for mitigation of shore damage due to Federal navigation projects, and O&M dredging of contaminated sediments are included in the harbor O&M costs above. Mitigation of Shore Damage projects in the Great Lakes are funded under the O&M Appropriation in the Corps budget, and their O&M costs have been included in the harbor costs reimbursed by the HMTF and identified in the HMTF annual report. Their costs totaled \$0.4 million for seven projects in FY 2003 and \$0.3 million for five projects in FY 2004.

36. **O&M Data by State and Project.** Corps harbor O&M expenditures for FYs 2003 and 2004 occurred in 41 states and territories (Table 5). O&M expenditures for harbors in Louisiana far surpass the amounts in other states, primarily due to the costs for dredging on the Mississippi River from Baton Rouge to the Gulf of Mexico. Appendices B and C display the Corps harbor O&M expenditures by states and territories and for individual harbor projects for FYs 2003 and 2004. The costs in Appendices B and C 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). Navigation recoverable costs include the navigation specific costs and any joint costs allocated to navigation. Joint costs are those costs shared by two or more purposes.

37. **Mississippi River and Tributaries Harbors.** There are five harbor projects connected to the Lower Mississippi River that are funded in the Mississippi River and Tributaries (MR&T) appropriations account, whereas all other harbors are funded in the Operations and Maintenance, General, appropriations account. The MR&T harbors are Helena Harbor, Phillips County, AR; Baton Rouge Harbor (Devils Swamp), LA; Greenville Harbor, MS; Vicksburg Harbor, MS; and Memphis Harbor (McKeller Lake), TN. From FY 1987-2004 the navigation expenditures for the five MR&T harbors totaled \$43.823 million, of which \$37.138 million was transferred from the HMTF. After the close of FY 2004 the Corps discovered that enacted annual MR&T appropriations legislation through FY 2005 had not included language to recover the funds for MR&T harbor costs from the HMTF. To correct for this error the Corps is coordinating with the Department of the Treasury to reconcile transfers with adjusted estimates of costs eligible for recovery. Future reports to Congress on the status of the HMTF will reflect this adjustment.

38. **Expenditures for Corps Construction of DMDFs.** Section 201 of WRDA 96 authorized the use of the HMTF for construction of DMDFs necessary for navigation O&M. In FY 1997 and FY 1998 construction costs for DMDFs necessary for navigation O&M were recovered from the Operation and Maintenance, General account and were included in harbor O&M costs in the annual reports to Congress for those fiscal years. Beginning in FY 1999 these costs were recovered from the Construction, General account. The Corps is reconciling costs incurred for DMDFs necessary for navigation O&M in FY 1999 through FY 2004 with amounts recovered for those years, and the reconciliations will be reflected in future reports to Congress for future fiscal years. Corps construction expenditures for DMDFs necessary for navigation O&M were \$5.9 million in FY 2003 and \$5.3 million in FY 2004 (Appendix D).

39. **Transfers.** Transfers from the HMTF to the General Treasury for the U.S. Army Corps of Engineers, the St. Lawrence Seaway Development Corporation, U.S. Department of Transportation, and administration costs decreased 11 percent between FY 2002 and FY 2003 to \$585.9 million (Table 6).

**Table 5**  
**U.S. Army Corps of Engineers Operation and Maintenance Expenditures for Harbors by State,**  
**Fiscal Years 2003 and 2004**

	FY 2003		FY 2004	
State	Dollars (\$000)	Rank	Dollars (\$000)	Rank
Louisiana	116,221	1	120,351	1
Texas	48,744	3	48,672	2
Florida	39,382	5	41,989	3
California	59,354	2	40,602	4
Michigan	36,417	7	38,968	5
Oregon	38,904	6	38,617	6
New York	42,132	4	35,288	7
New Jersey	32,112	8	26,759	8
Alabama	28,836	9	24,300	9
Virginia	21,862	11	23,607	10
Rhode Island	16,200	17	22,383	11
Washington	23,463	10	22,065	12
Maryland	16,382	16	20,707	13
Wisconsin	11,787	19	20,285	14
South Carolina	21,669	12	17,831	15
Alaska	8,805	21	17,020	16
North Carolina	18,362	13	16,571	17
Ohio	16,435	15	15,177	18
Massachusetts	8,141	22	14,964	19
Georgia	12,283	18	14,942	20
Delaware	16,899	14	14,588	21
Mississippi	11,255	20	11,077	22
Illinois	7,544	24	8,375	23
Indiana	7,955	23	4,941	24
Connecticut	2,655	27	3,832	25
Minnesota	2,712	26	2,464	26
Maine	5,438	25	2,265	27
Kentucky	1,325	28	1,538	28
District of Columbia	877	31	1,503	29
Pennsylvania	1,147	29	1,452	30
Arkansas	991	30	1,013	31
Missouri	626	33	699	32
Hawaii	520	34	604	33
Tennessee	282	36	283	34
New Hampshire	348	35	246	35
American Samoa	0	40	63	36
Iowa	0	40	47	37
Puerto Rico	154	38	32	38
North Dakota	25	39	28	39
Vermont	707	32	0	40
West Virginia	272	37	0	40
Total	679,223		676,148	

Source: USACE Navigation Cost Recovery Database System, Fiscal Years 2003 and 2004.

However, they rebounded by 11 percent between FY 2003 and FY 2004 to \$648.2 million, the fourth highest amount. Transfers related to the Corps were 97 percent of net transfers in both years. Corps related transfers did not equal Corps expenditures. The Corps related transfers amounted to 84 percent of Corps harbor O&M expenditures in FY 2003 and 93 percent of those expenditures in FY 2004. In addition, there were small amounts spent for Corps construction in FYs 2003 and 2004 as noted in paragraph 38. In Fiscal Year 1999 the Energy and Water Development Appropriations Act of FY 1999 (P.L. 105-245) did not provide for the recovery of Corps of Engineers O&M expenditures from the HMTF. However, the Omnibus Appropriations Act for FY 1999 included \$99.7 million for emergency O&M work in response to tropical storms and hurricanes and included language providing for recovery from the HMTF. Most transfers in FY 1999 were for costs incurred in prior fiscal years.

**Table 6**  
**Harbor Maintenance Trust Fund Transfers,**  
**Fiscal Years 1987 - 2004**  
*(Thousands of dollars)*

<b>Fiscal Year</b>	<b>Corps of Engineers</b>	<b>St. Law. Seaway Dev. Corp.</b>	<b>SLS Toll Rebates</b>	<b>Dept of Transport.</b>	<b>Admin. Expenses (Dept of HS)</b>	<b>Net Transfers</b>
<b>1987</b>	35,000	4,000	3,998	0	0	42,998
<b>1988</b>	148,000	9,424	8,895	0	142	166,461
<b>1989</b>	159,026	10,382	10,977	0	167	180,552
<b>1990</b>	159,074	11,397	9,041	0	169	179,681
<b>1991</b>	333,401	9,075	10,298	0	186	352,960
<b>1992</b>	462,229	10,950	9,565	16	184	482,944
<b>1993</b>	446,434	13,584	8,074	160	124	468,376
<b>1994</b>	476,620	10,765	9,546	175	0	497,106
<b>1995</b>	519,196	10,193	1,512	181	0	531,082
<b>1996</b>	482,126	9,539	0	169	3,000	494,834
<b>1997</b>	535,987	10,322	0	193	3,000	549,502
<b>1998</b>	496,899	11,000	0	193	3,000	511,092
<b>1999</b>	281,202	11,260	0	200	3,000	295,662
<b>2000</b>	686,898	11,771	0	200	3,000	701,869
<b>2001</b>	643,601	12,775	0	200	2,793	659,569
<b>2002</b>	639,909	13,105	0	200	3,000	656,214
<b>2003</b>	568,900	13,974	0	0	2,980	585,854
<b>2004</b>	630,944	14,273	0	0	2,982	648,199
<b>Totals</b>	<b>7,136,546</b>	<b>185,815</b>	<b>71,906</b>	<b>1,887</b>	<b>24,947</b>	<b>7,419,101</b>

Source: Harbor Maintenance Trust Fund (20X8863), Department of the Treasury, Bureau of Public Debt, Office of Public Debt Accounting, Division of Federal Investments, Trust Fund Management Branch.

## V. BALANCES

40. **History.** As discussed in paragraph 3, the current *ad valorem* tax rate took effect on January 1, 1991, making FY 1992 the first fiscal year in which the new rate was entirely in effect. Table 7 displays the history of the HMTF revenues, including HMT collections, toll receipts and interest; transfers to the various federal agencies for their activities and associated administrative expenses; and ending balances for the period from FY 1992 through FY 2004. As displayed in the table, HMT revenues have grown from \$531.1 million in FY 1992 to \$945.9 million in FY 2004, an increase of 78 percent. Transfers to federal agencies for activities and associated administrative expenses have grown from \$482.9 million in FY 1992 to \$648.2 million in FY 2004, an increase of 34 percent. The Trust Fund ending balance has grown from \$120.6 million in FY 1992 to \$2,389.8 million in FY 2004, an increase of 1,882 percent.

41. **Change in Balances.** The ending balance of the HMTF was \$2.390 billion in FY 2004, an increase of 14.2 percent over FY 2003's ending balance of \$2.092 billion. The FY 2003 ending balance was an increase of 11.7 percent over the FY 2002 ending balance of \$1.873 billion.

42. **Projections:** It is projected that the balance in the HMTF will grow from \$2.390 billion at the end of FY 2004 to \$5.300 billion at the end of FY 2009 (Table 8). Projections of revenues, transfers, and balances displayed in Table 8 assume no change in conditions affecting future collections and transfers.

43. **Comparison to Budget Projections.** The figures in Table 8 differ from those displayed in the President's FY 2005 Budget because 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 January 2005. The accrual estimates were prepared in October 2004.

44. **Summary.** Revenues substantially exceeded transfers in FY 2003 and FY 2004, as they have for a number of years. With no changes in the conditions affecting revenues or transfers, the balance in the HMTF is projected to continue to grow and to be sufficient to meet future demands.

**Table 7**  
**Harbor Maintenance Trust Fund Revenues, Transfers, and Balances,**  
**Fiscal Years 1992 - 2004**  
*(thousands of dollars)*

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<b>Beginning Balance</b>	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	1,873,417	2,092,079
<b>Revenues</b>													
Harbor Maint. Tax Collections	505,827	628,462	622,253	670,532	698,267	735,534	621,500	552,835	677,589	721,612	652,856	757,993	869,699
Toll Receipts	8,733	8,739	11,112	173	0	0	0	0	0	0	0	0	0
Interest*	16,502	13,521	12,826	30,186	40,870	53,632	66,370	62,766	82,965	89,156	57,933	46,524	76,236
<b>Total</b>	531,062	650,722	646,191	700,891	739,137	789,166	687,870	615,601	760,554	810,768	710,790	804,517	945,935
<b>Net Available</b>	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	2,677,934	3,038,014
<b>Transfers</b>													
Corps of Engineers	462,229	446,434	476,620	519,196	482,126	535,987	496,900	281,202	686,898	643,601	639,909	568,900	630,944
St. Lawrence Seaway D.C.	10,950	13,584	10,765	10,193	9,539	10,322	11,000	11,260	11,771	12,775	13,105	13,974	14,273
SLS Toll Rebates	9,565	8,074	9,546	1,512	0	0	0	0	0	0	0	0	0
Dept. of Transportation	16	160	175	181	169	193	193	200	200	200	200	0	0
Administrative Expense, DHS	184	124	0	0	3,000	3,000	3,000	3,000	3,000	2,793	3,000	2,981	2,982
<b>Total</b>	482,944	468,376	497,106	531,082	494,834	549,502	511,093	295,662	701,869	659,569	656,214	585,855	648,199
<b>Ending Balance</b>	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	2,092,079	2,389,815

**Source:** Department 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 were \$46.5 million in FY 2003 and \$52.7 in 2004.

**Table 8**  
**Harbor Maintenance Trust Fund Revenues, Transfers, and Balances,**  
**Actual (Fiscal Years 2000-2004) and Projected (Fiscal Years 2005-2009)**  
*(thousands of dollars)*

	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
<b>Begininng Balance</b>	1,608,957	1,667,642	1,818,841	1,873,417	2,092,079	2,390,000	2,709,000	3,174,000	3,785,000	4,508,000
<b>Revenues</b>	760,554	810,768	710,790	804,517	945,935	1,012,000	1,150,000	1,280,000	1,393,000	1,460,000
<b>Total Available</b>	2,369,511	2,478,410	2,529,631	2,677,934	3,038,015	3,402,000	3,859,000	4,454,000	5,178,000	5,968,000
<b>Transfers</b>	701,869	659,569	656,214	585,854	648,199	693,000	685,000	669,000	670,000	668,000
<b>Ending Balance</b>	1,667,642	1,818,841	1,873,417	2,092,079	2,389,815	2,709,000	3,174,000	3,785,000	4,508,000	5,300,000

**Note:** FY 2000 - 2004 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 2005-2009 estimates are from the President's FY 2006 Budget, with adjustments to reflect accrued interest rather than interest deposited.



## Appendix A Table Abbreviations

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 2003**

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

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

**APPENDIX B - TABLE 1D  
OPERATIONS AND MAINTENANCE EXPENDITURES FOR  
US ARMY CORPS OF ENGINEERS HARBOR PROJECTS  
DEEP DRAFT HARBOR PROJECTS BY STATE/TERRITORY, FY 2003 (\$000)**

STATE AND PROJECT NAMES	PWI*	PROJECT PURPOSE**	DIST/ DIV	NAV RECOV***
<b>ALABAMA</b>				
BAYOU LA BATRE, AL	1120	Single	SAM	37
LIDAR BATHYMETER (SHOALS)	8242	Single	SAM	2400
MOBILE HARBOR, AL	11670	Single	SAM	22441
REGIONAL SEDIMENT MANAGEMENT PROJECT	8302	Single	SAM	216
<b>SUBTOTAL</b>				<b>25094</b>
<b>ALASKA</b>				
ANCHORAGE HARBOR, AK	360	Single	POA	5723
COOK INLET SHOALS, AK	10324	Single	POA	132
HOMER HARBOR, AK	80508	Single	POA	403
KETCHIKAN HARBOR, BAR POINT, AK	87071	Single	POA	0
KODIAK - ST HERMAN'S HARBOR, AK	10168	Single	POA	27
PETERSBURG HARBOR, AK	72759	Single	POA	0
ST PAUL HARBOR, AK	10169	Single	POA	0
WRANGELL NARROWS, AK	72852	Single	POA	98
<b>SUBTOTAL</b>				<b>6383</b>
<b>CALIFORNIA</b>				
CHANNEL ISLANDS HARBOR, CA	14360	Single	SPL	3391
CRESCENT CITY HARBOR, CA	4270	Single	SPN	92
HUMBOLDT HARBOR AND BAY, CA	7860	Single	SPN	5592
LOS ANGELES - LONG BEACH HARBOR MODEL, CA	76101	Single	SPL	157
LOS ANGELES - LONG BEACH HARBORS, CA	74719	Single	SPL	292
MARINA DEL REY, CA	37690	Single	SPL	41
MORRO BAY HARBOR, CA	11860	Single	SPL	1167
MOSS LANDING HARBOR, CA	11880	Single	SPN	1941
NAPA RIVER, CA	74703	Single	SPN	4
NEWPORT BAY HARBOR, CA	74720	Single	SPL	1244
OAKLAND HARBOR, CA	12990	Single	SPN	6144
OCEANSIDE EXPERIMENTAL SAND BYPASS SYSTEM, CA	13085	Single	SPL	0
OCEANSIDE HARBOR, CA	13080	Single	SPL	1172
PORT HUENEME, CA	74656	Single	SPL	18
REDWOOD CITY HARBOR, CA	15100	Single	SPN	411
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8333	Single	SPL	238
REGIONAL SEDIMENT MANAGEMENT PROJECT	8325	Single	SPL	0
RICHMOND HARBOR, CA	15280	Single	SPN	10140
SACRAMENTO RIVER (30 FOOT PROJECT), CA	15870	Single	SPK	1007
SAN DIEGO HARBOR, CA	16110	Single	SPL	116
SAN DIEGO RIVER AND MISSION BAY, CA	15750	Single	SPL	109
SAN FRANCISCO BAY LONG TERM MNGT STRATEGY, CA	88920	Single	SPN	1139

SAN FRANCISCO BAY, DELTA MODEL STRUCTURE, CA	76029	Single	SPN	235
SAN FRANCISCO HARBOR AND BAY, CA (DRIFT REMOVAL)	16140	Single	SPN	2278
SAN FRANCISCO HARBOR, CA	16130	Single	SPN	1544
SAN JOAQUIN RIVER, CA	16180	Single	SPK	1302
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	16230	Single	SPN	784
SANTA BARBARA HARBOR, CA	15730	Single	SPL	1133
SANTA CRUZ HARBOR, CA	16340	Single	SPN	0
SUISUN BAY CHANNEL, CA	17720	Single	SPN	3041
VENTURA HARBOR, CA	24190	Single	SPL	4747
<b>SUBTOTAL</b>				<b>49479</b>
<b>CONNECTICUT</b>				
BRIDGEPORT HARBOR, CT	73360	Single	NAE	126
CONNECTICUT RIVER BELOW HARTFORD, CT	3760	Single	NAE	0
NEW HAVEN HARBOR, CT	12380	Single	NAE	1575
TREATMENT OF LONG ISLAND SOUND DREDGED MATERIAL	180673	Single	NAE	7
<b>SUBTOTAL</b>				<b>1708</b>
<b>DELAWARE</b>				
CHES & DELAWARE CANAL, ST GEORGES BRIDGE REPL,DE	8215	Single	NAP	0
INTRACOASTAL WW, DELAWARE R TO CHES BAY, DE & MD	8160	Single	NAP	11208
WILMINGTON HARBOR, DE	20040	Single	NAP	5586
<b>SUBTOTAL</b>				<b>16794</b>
<b>DISTRICT OF COLUMBIA</b>				
POTOMAC RIVER BELOW WASHINGTON, DC	294	Single	NAB	7
WASHINGTON HARBOR, DC	19500	Single	NAB	36
POTOMAC AND ANACOSTIA RIVERS, DC (DRIFT REMOVAL)	14520	Single	NAB	834
<b>SUBTOTAL</b>				<b>877</b>
<b>FLORIDA</b>				
CANAVERAL HARBOR, FL	2520	Single	SAJ	5731
CARRABELLE HARBOR, FL	76018	Single	SAM	29
CHARLOTTE HARBOR, FL	3000	Single	SAJ	-21
FERNANDINA HARBOR, FL	5840	Single	SAJ	1882
FORT PIERCE HARBOR, FL	6260	Single	SAJ	284
JACKSONVILLE HARBOR, FL	8410	Single	SAJ	5630
MANATEE HARBOR, FL	10166	Single	SAJ	55
MIAMI HARBOR, FL	74378	Single	SAJ	62
MIAMI RIVER, FL	76295	Single	SAJ	539
PALM BEACH HARBOR, FL	13590	Single	SAJ	2948
PANAMA CITY HARBOR, FL	13640	Single	SAM	985
PENSACOLA HARBOR, FL	13830	Single	SAM	93
PORT EVERGLADES HARBOR, FL	76031	Single	SAJ	143
PORT ST JOE HARBOR, FL	14390	Single	SAM	44
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	SAJ	189
REGIONAL SEDIMENT MANAGEMENT PROJECT	8324	Single	SAJ	0
ST PETERSBURG HARBOR, FL	74390	Single	SAJ	0
TAMPA HARBOR, FL	17960	Single	SAJ	5936

**SUBTOTAL** **24529**

**GEORGIA**

BRUNSWICK HARBOR, GA	2080	Single	SAS	2465
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8331	Single	SAD	1
SAVANNAH HARBOR, GA	75085	Single	SAS	13085

**SUBTOTAL** **15551**

**HAWAII**

BARBERS POINT HARBOR, HI	910	Single	POH	0
HONOLULU HARBOR, HI	7660	Single	POH	0
KAHULUI HARBOR, HI	8660	Single	POH	2
NAWILIWILI HARBOR, HI	73336	Single	POH	0
PORT ALLEN HARBOR, KAUAI, HI	73338	Single	POH	49

**SUBTOTAL** **51**

**ILLINOIS**

CALUMET HARBOR AND RIVER, IL & IN	2410	Single	LRC	2825
CHICAGO HARBOR, IL	45009	Single	LRC	2268
CHICAGO RIVER, IL	3810	Single	LRC	330
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	76617	Single	LRC	88
WAUKEGAN HARBOR, IL	19560	Single	LRC	800

**SUBTOTAL** **6311**

**INDIANA**

BURNS WATERWAY HARBOR, IN	2250	Single	LRC	5356
INDIANA HARBOR, IN	18120	Single	LRC	62
MICHIGAN CITY HARBOR, IN	11060	Single	LRC	1732
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15207	Single	LRC	0
SURVEILLANCE OF NORTHERN BOUNDARY WATER	15211	Single	LRC	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	76618	Single	LRC	34

**SUBTOTAL** **7184**

**LOUISIANA**

ATCHAFALAYA R & BAYOUS CHENE, BOEUF & BLACK, LA	680	Single	MVN	19874
CALCASIEU RIVER AND PASS, LA	2440	Single	MVN	10905
DREDGE WHEELER READY RESERVE	8304	Single	MVN	7614
HOUMA NAVIGATION CANAL, LA	7760	Single	MVN	7687
MERMENTAU RIVER, LA	11030	Multi w/o Alloc.	MVN	1281
MISSISSIPPI R, BATON ROUGE TO GULF OF MEXICO, LA	68	Single	MVN	40550
MISSISSIPPI RIVER, GULF OUTLET, LA	11410	Single	MVN	10860

**SUBTOTAL** **98771**

**MAINE**

DISPOSAL AREA MONITORING	8223	Single	NAE	1112
KENNEBEC RIVER, ME	8890	Single	NAE	100
PENOBSCOT RIVER, ME	56470	Single	NAE	6
PORTLAND HARBOR, ME	367	Single	NAE	88
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8329	Single	NWD	7

ROCKLAND HARBOR, ME	73389	Single	NAE	1014
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ME	76623	Single	NAE	0
<b>SUBTOTAL</b>				<b>2327</b>

**MARYLAND**

BALTIMORE HARBOR ANCHORAGES & CHANNELS, MD & VA	10031	Single	NAB	0
BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	74955	Single	NAB	7905
BALTIMORE HARBOR AND CHANNELS, MD & VA	870	Single	NAB	-41
BALTIMORE HARBOR, MD (DRIFT REMOVAL)	871	Single	NAB	371
BALTIMORE HARBOR, MD (PREVENTION OBSTR DEPOSITS)	872	Single	NAB	629
TOLCHESTER CHANNEL, MD	8289	Single	NAB	-2

<b>SUBTOTAL</b>				<b>8862</b>
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**MASSCHUSSETTS**

BOSTON HARBOR, MA	1960	Single	NAE	10
CAPE COD CANAL, MA	2620	Single	NAE	6748
GLOUCESTER HARBOR AND ANNISQUAM RIVER, MA	416	Single	NAE	0
LYNN HARBOR, MA	10023	Single	NAE	0
NEW BEDFORD AND FAIRHAVEN HARBOR, MA	432	Single	NAE	0
PLYMOUTH HARBOR, MA	14200	Single	NAE	61
SALEM HARBOR, MA	439	Single	NAE	62

<b>SUBTOTAL</b>				<b>6881</b>
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**MICHIGAN**

ALPENA HARBOR, MI	74196	Single	LRE	0
BLACK RIVER, PORT HURON, MI	1110	Single	LRE	329
CHANNELS IN LAKE ST CLAIR, MI	2940	Single	LRE	108
CHARLEVOIX HARBOR, MI	2990	Single	LRE	64
CHEBOYGAN HARBOR, MI	74203	Single	LRE	0
DETROIT RIVER, MI	4710	Single	LRE	3806
FRANKFORT HARBOR, MI	6130	Single	LRE	186
GRAND HAVEN HARBOR, MI	6670	Single	LRE	573
GRAND HAVEN HBR - MITIGATION OF SHORE DAMAGE, MI	6671	Single	LRE	82
GRAND MARAIS HARBOR, MI	46064	Single	LRE	43
GRAND MARAIS HARBOR, MN	99871	Single	LRE	0
GREAT LAKES SEDIMENT TRANSPORT MODEL	8266	Single	LRD	670
HARBOR BEACH HARBOR, MI	7300	Single	LRE	0
HOLLAND HARBOR - MITIGATION OF SHORE DAMAGE, MI	7611	Single	LRE	83
HOLLAND HARBOR, MI	7610	Single	LRE	356
INTERNATIONAL BOUNDARY ACTIVITY	8189	Single	LRD	4
INTERNATIONAL WATER STUDIES	46028	Single	LRE	183
KEWEENAW WATERWAY, MI	8960	Single	LRE	74
LUDINGTON HARBOR, MI	10270	Single	LRE	147
LUDINGTON HBR - MITIGATION OF SHORE DAMAGE, MI	10271	Single	LRE	0
MANISTEE HARBOR, MI	10480	Single	LRE	83
MANISTIQUE HARBOR, MI	10490	Single	LRE	3
MARQUETTE HARBOR, MI	48013	Single	LRE	333
MENOMINEE HARBOR, MI & WI	45044	Single	LRE	180
MONROE HARBOR, MI	11760	Single	LRE	432

MUSKEGON HARBOR, MI	12060	Single	LRE	71
ONTONAGON HARBOR, MI	13330	Single	LRE	934
PENTWATER HARBOR, MI	13850	Single	LRE	79
PORTAGE LAKE HARBOR, MI	21530	Single	LRE	897
PRESQUE ISLE HARBOR, MI	48012	Single	LRE	86
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8326	Single	LRE	89
REGIONAL SEDIMENT MANAGEMENT PROJECT	8321	Single	LRE	2
ROUGE RIVER, MI	15590	Single	LRE	874
SAGINAW RIVER, MI	57420	Single	LRE	2302
SOUTH HAVEN HARBOR, MI	17180	Single	LRE	795
SOUTH HAVEN HBR - MITIGATION OF SHORE DAMAGE, MI	17181	Single	LRE	21
ST CLAIR RIVER, MI	17300	Single	LRE	544
ST JOSEPH HARBOR, MI	17350	Single	LRE	502
ST JOSEPH HBR - MITIGATION OF SHORE DAMAGE, MI	17351	Single	LRE	72
ST MARYS RIVER, MI	17380	Multi w/o Alloc.	LRE	17153
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	46027	Single	LRE	918
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MI	76626	Single	LRE	1288
SURVEY OF NORTH CENTRAL LAKES	15201	Single	LRD	161
WHITE LAKE HARBOR, MI	19810	Single	LRE	11
WHITE LAKE HBR - MITIGATION OF SHORE DAMAGE, MI	74176	Single	LRE	28
<b>SUBTOTAL</b>				<b>34566</b>
<b>MINNESOTA</b>				
ALTERNATIVE TECHNOLOGY, MN	8276	Single	LRE	42
DULUTH - SUPERIOR HARBOR, MN & WI	5050	Single	LRE	2147
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	76627	Single	LRE	197
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	76628	Single	MVP	50
TWO HARBORS, MN	18700	Single	LRE	16
<b>SUBTOTAL</b>				<b>2452</b>
<b>MISSISSIPPI</b>				
GULFPORT HARBOR, MS	7150	Single	SAM	6069
PASCAGOULA HARBOR, MS	13680	Single	SAM	1523
<b>SUBTOTAL</b>				<b>7592</b>
<b>NEW HAMPSHIRE</b>				
PORTSMOUTH HARBOR AND PISCATAQUA RIVER, NH	512	Single	NAE	0
<b>SUBTOTAL</b>				<b>0</b>
<b>NEW JERSEY</b>				
COLD SPRING INLET, NJ	22140	Single	NAP	426
DELAWARE R, PHILADELPHIA TO THE SEA, NJ, PA & DE	4570	Single	NAP	21922
DELAWARE RIVER AT CAMDEN, NJ	43005	Single	NAP	0
DELAWARE RIVER, PHILADELPHIA, PA TO TRENTON, NJ	4550	Single	NAP	2464
NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	12550	Single	NAN	1356
RARITAN RIVER TO ARTHUR KILL CUT-OFF, NJ	21870	Single	NAN	1
RARITAN RIVER, NJ	14860	Single	NAN	70
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8328	Single	NAP	85
REGIONAL SEDIMENT MANAGEMENT PROJECT	8323	Single	NAP	57



SALEM RIVER, NJ	24950	Single	NAP	0
<b>SUBTOTAL</b>				<b>26381</b>

**NEW YORK**

BAY RIDGE AND RED HOOK CHANNELS, NY	1040	Single	NAN	0
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	1660	Single	LRB	1931
BUFFALO HARBOR, NY	2140	Single	LRB	1017
BUFFALO RIVER ENVIRONMENTAL DREDGING, NY	8277	Single	LRB	14
BUTTERMILK CHANNEL, NY	41015	Single	NAN	0
CAPE VINCENT HARBOR, NY	44037	Single	LRB	0
DUNKIRK HARBOR, NY	50600	Single	LRB	321
EAST RIVER, NY	41062	Single	NAN	62
FLUSHING BAY AND CREEK, NY	41016	Single	NAN	4335
GREAT SODUS BAY HARBOR, NY	6860	Single	LRB	65
HUDSON RIVER CHANNEL, NY	7800	Single	NAN	76
HUDSON RIVER, NY (MAINT)	7810	Single	NAN	2137
HUDSON RIVER, NY (O&C)	7820	Single	NAN	2779
INTERNATIONAL WATER STUDIES	15204	Single	LRB	0
JAMAICA BAY, NY	54000	Single	NAN	2145
LITTLE SODUS BAY HARBOR, NY	9970	Single	LRB	65
LONG ISLAND SOUND, CT AND NY	14032	Single	NAE	1634
NEW YORK AND NEW JERSEY CHANNELS, NY	12520	Single	NAN	5883
NEW YORK HARBOR, NY	12490	Single	NAN	3243
NEW YORK HARBOR, NY & NJ (DRIFT REMOVAL)	12500	Single	NAN	6351
NEW YORK HARBOR, NY (PREVENTION OBSTR DEPOSITS)	17760	Single	NAN	714
OSWEGO HARBOR, NY	13440	Single	LRB	146
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8327	Single	NAN	81
REGIONAL SEDIMENT MANAGEMENT PROJECT	8322	Single	NAN	1
ROCHESTER HARBOR, NY	15390	Single	LRB	200
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	76636	Single	LRB	1
SURVEY OF NORTH CENTRAL LAKES	8204	Single	LRB	0
SURVEY OF NORTH CENTRAL LAKES	15209	Single	LRD	0
SURVEY OF NORTH CENTRAL LAKES, NY	8203	Single	LRB	0

<b>SUBTOTAL</b>				<b>33201</b>
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**NORTH CAROLINA**

BEAUFORT HARBOR, NC	1210	Single	SAW	28
CAPE FEAR RIVER ABOVE WILMINGTON, NC	2640	Single	SAW	382
MOREHEAD CITY HARBOR, NC	11810	Single	SAW	3192
WILMINGTON HARBOR, NC	20030	Single	SAW	4383

<b>SUBTOTAL</b>				<b>7985</b>
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**OHIO**

ASHTABULA HARBOR, OH	650	Single	LRB	1857
CLEVELAND HARBOR, OH	3430	Single	LRB	3435
CONNEAUT HARBOR, OH	3770	Single	LRB	522
FAIRPORT HARBOR, OH	5760	Single	LRB	1478
HURON HARBOR, OH	7920	Single	LRB	921
INTERNATIONAL WATER STUDIES	15210	Single	LRB	0

LORAIN HARBOR, OH	10060	Single	LRB	3789
SANDUSKY HARBOR, OH	16260	Single	LRB	1041
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OH	76639	Single	LRB	0
TOLEDO HARBOR, OH	18280	Single	LRB	2848
<b>SUBTOTAL</b>				<b>15891</b>

#### OREGON

BONNEVILLE LOCK AND DAM, OR & WA	80546	Multi w/ Alloc.	NWP	3658
COL&LWR WILLAMETTE BLW VANCOUVER, WA&PORTLAND, OR	3630	Single	NWP	17634
COLUMBIA R BTWN VANCOUVER, WA AND THE DALLES, OR	3620	Single	NWP	263
COLUMBIA RIVER AT THE MOUTH, OR & WA	3600	Single	NWP	8468
COOS BAY, OR	3840	Single	NWP	3873
PORT ORFORD, OR	14370	Single	NWP	560
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8330	Single	NWP	188
SIUSLAW RIVER, OR	16860	Single	NWP	415
SKIPANON CHANNEL, OR	16930	Single	NWP	185
SURVEILLANCE OF NORTHERN BOUNDARY WATERS - NP	53935	Single	NWD	11
SURVEILLANCE OF NORTHERN BOUNDARY WATERS - NP	53936	Single	NWD	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OR	76641	Single	NWD	0
TILLAMOOK BAY AND BAR, OR	18230	Single	NWP	228
UMPQUA RIVER, OR	18750	Single	NWP	581
YAQUINA BAY AND HARBOR, OR	20290	Single	NWP	1161
REGIONAL SEDIMENT MANAGEMENT DEMONSTRATION PROG	8329	Single	NWD	7

**SUBTOTAL 37232**

#### PENNSYLVANIA

ERIE HARBOR, PA	5600	Single	LRB	131
SCHUYLKILL RIVER, PA	16550	Single	NAP	913
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	76642	Single	LRB	0

**SUBTOTAL 1044**

#### PUERTO RICO

ARECIBO HARBOR, PR	20500	Single	SAJ	55
SAN JUAN HARBOR, PR	16190	Single	SAJ	98

**SUBTOTAL 153**

#### RHODE ISLAND

BLOCK ISLAND HARBOR OF REFUGE, RI	73445	Single	NAE	51
GREAT SALT POND, BLOCK ISLAND, RI	559	Single	NAE	0
PROVIDENCE RIVER AND HARBOR, RI	566	Single	NAE	14212
RI REGION, LONG-TERM DREDGE DISPOSAL EVAL., RI	8313	Single	NAE	1628
SAKONNET HARBOR, RI	568	Single	NAE	0

**SUBTOTAL 15891**

#### SOUTH CAROLINA

CHARLESTON HARBOR REDIVERSION (FISHLIFT), SC	8221	Single	SAC	0
CHARLESTON HARBOR, SC	2980	Single	SAC	10520
COOPER RIVER, CHARLESTON HARBOR, SC	74354	Single	SAC	4980
GEORGETOWN HARBOR, SC	6480	Single	SAC	3399

PORT ROYAL HARBOR, SC	14380	Single	SAC	507
SHIPYARD RIVER, SC	16730	Single	SAC	0
<b>SUBTOTAL</b>				<b>19406</b>

**TEXAS**

BARBOUR TERMINAL CHANNEL, TX	88912	Single	SWG	84
BAYPORT SHIP CHANNEL, TX	88910	Single	SWG	5688
BRAZOS ISLAND HARBOR, TX	1990	Single	SWG	3462
CHANNEL TO PORT BOLIVAR, TX	2930	Single	SWG	107
CORPUS CHRISTI SHIP CHANNEL, TX	14340	Single	SWG	4826
FREEPORT HARBOR, TX	6170	Single	SWG	2172
GALVESTON HARBOR AND CHANNEL, TX	6340	Single	SWG	4497
GREENS BAYOU CHANNEL, TX	88911	Single	SWG	199
HOUSTON SHIP CHANNEL, TX	7780	Single	SWG	5691
MATAGORDA SHIP CHANNEL TO RED BLUFF, TX	8213	Single	SWG	0
MATAGORDA SHIP CHANNEL, TX	10810	Single	SWG	3225
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8332	Single	SWG	40
SABINE - NECHES WATERWAY, TX	15780	Single	SWG	13688
TEXAS CITY SHIP CHANNEL, TX	18130	Single	SWG	202

<b>SUBTOTAL</b>				<b>43881</b>
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**VIRGINIA**

CAPE CHARLES CITY HARBOR, VA	73772	Single	NAO	0
CHANNEL TO NEWPORT NEWS, VA	73783	Single	NAO	0
HAMPTON RDS, NORFOLK & NEWPORT NEWS HBR, VA (DR)	1002	Single	NAO	1140
JAMES RIVER CHANNEL, VA	8430	Single	NAO	3697
NORFOLK HARBOR, VA	12801	Single	NAO	10002
NORFOLK HARBOR, VA (PREVENTION OBSTR DEPOSITS)	15170	Single	NAO	190
POTOMAC RIVER AT ALEXANDRIA, VA	597	Single	NAB	-1
THIMBLE SHOAL CHANNEL, VA	73800	Single	NAO	0
YORK RIVER, VA	73803	Single	NAO	1065

<b>SUBTOTAL</b>				<b>16093</b>
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**WASHINGTON**

ANACORTES HARBOR, WA	67300	Single	NWS	37
BELLINGHAM HARBOR, WA	1310	Single	NWS	37
EDIZ HOOK, WA	79205	Single	NWS	401
EVERETT HARBOR AND SNOHOMISH RIVER, WA	5700	Single	NWS	252
FRIDAY HARBOR, WA	24370	Single	NWS	3
GRAYS HARBOR AND CHEHALIS RIVER, WA	6770	Single	NWS	10661
KENMORE NAVIGATION CHANNEL, WA	87153	Single	NWS	0
LAKE CROCKETT (KEYSTONE HARBOR), WA	72920	Single	NWS	7
LAKE WASHINGTON SHIP CANAL, WA	9400	Single	NWS	7019
OLYMPIA HARBOR, WA	67310	Single	NWS	0
PUGET SOUND AND TRIBUTARY WATERS, WA	13970	Single	NWS	1020
SEATTLE HARBOR, WA	67318	Single	NWS	222
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53938	Single	NWS	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WA	76653	Single	NWS	2
TACOMA HARBOR, WA	72902	Single	NWS	0

WATERWAY CONNECTING PORT TOWNSEND & OAK BAY, WA	72903	Single	NWS	0
WILLAPA RIVER AND HARBOR, WA	19990	Single	NWS	129
<b>SUBTOTAL</b>				<b>19790</b>
<b>WISCONSIN</b>				
ASHLAND HARBOR, WI	630	Single	LRE	184
GREEN BAY HARBOR, WI	6910	Single	LRE	2702
GREEN BAY HARBOR, WI (DIKE DISPOSAL)	74180	Single	LRE	0
KENOSHA HARBOR, WI	8910	Single	LRE	0
KEWAUNEE HARBOR, WI	76050	Single	LRE	77
MANITOWOC HARBOR, WI	10510	Single	LRE	105
MILWAUKEE HARBOR, WI	11270	Single	LRE	550
OCONTO HARBOR, WI	23370	Single	LRE	0
PORT WASHINGTON HARBOR, WI	14420	Single	LRE	301
PORT WING HARBOR, WI	74190	Single	LRE	72
SHEBOYGAN HARBOR, WI	66700	Single	LRE	342
STURGEON BAY HBR AND LK MICHIGAN SHIP CANAL, WI	17660	Single	LRE	108
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WI	76655	Single	LRE	501
TWO RIVERS HARBOR, WI	18710	Single	LRE	2667
<b>SUBTOTAL</b>				<b>7609</b>
<b>TOTAL</b>				<b>559969</b>

\* PWI = Corps of Engineers Project Work Identification number.

\*\* PROJECT PURPOSE = Single Purpose Navigation, or Multipurpose with or without cost allocations.

\*\*\* NAV RECOV = That portion of project operation and maintenance costs recoverable from the HMTF.

**APPENDIX B - TABLE 1S  
OPERATIONS AND MAINTENANCE EXPENDITURES FOR  
US ARMY CORPS OF ENGINEERS HARBOR PROJCTS  
SHALLOW DRAFT HARBOR PROJECTS BY STATE/TERRITORY, FY 2003 (\$000)**

STATE AND PROJECT NAMES	PWI*	PROJECT PURPOSE**	DIST/ DIV	NAV RECOV***
<b>ALABAMA</b>				
BAYOU CODEN, AL	74520	Single	SAM	370
BON SECOUR RIVER, AL	76060	Single	SAM	0
DAUPHIN ISLAND BAY, AL	4480	Single	SAM	435
DOG AND FOWL RIVERS, AL	20710	Single	SAM	700
FLY CREEK, AL	5970	Single	SAM	1
PERDIDO PASS CHANNEL, AL	13880	Single	SAM	1933
PROJECT CONDITION SURVEYS	14616	Single	SAM	303
PROJECT CONDITION SURVEYS, AL	76501	Single	SAM	0
<b>SUBTOTAL</b>				<b>3742</b>
<b>ALASKA</b>				
BETHEL HARBOR, AK	24100	Single	POA	0
CORDOVA HARBOR, AK	87136	Single	POA	11
DILLINGHAM HARBOR, AK	4800	Single	POA	758
DOUGLAS HARBOR, AK	72789	Single	POA	0
NAKNEK RIVER, AK	72756	Single	POA	227
NINILCHIK HARBOR, AK	12640	Single	POA	229
NOME HARBOR, AK	72742	Single	POA	669
PROJECT CONDITION SURVEYS	14613	Single	POA	0
PROJECT CONDITION SURVEYS, AK	76502	Single	POA	528
WRANGELL HARBOR, AK	21500	Single	POA	0
<b>SUBTOTAL</b>				<b>2422</b>
<b>ARKANSAS</b>				
HELENA HARBOR, AR	7440	Single	MVM	326
JACKSONPORT STATE PARK, AR	87076	Single	SWL	0
OSCEOLA HARBOR, AR	13430	Single	MVM	524
PROJECT CONDITION SURVEYS, AR	76505	Single	MVM	6
YELLOW BEND PORT, AR	87282	Single	MVK	135
<b>SUBTOTAL</b>				<b>991</b>
<b>CALIFORNIA</b>				
BODEGA BAY, CA	1850	Single	SPN	796
LARKSPUR FERRY CHANNEL, CA	75536	Single	SPN	1377
NOYO RIVER & HARBOR, CA	12940	Single	SPN	-85
PETALUMA RIVER, CA	13940	Single	SPN	2977
PILLAR POINT (HALF MOON BAY) HARBOR, CA	74701	Single	SPN	140
PROJECT CONDITION SURVEYS CA	14618	Single	SPL	0
PROJECT CONDITION SURVEYS (SPN)	14619	Single	SPN	385
PROJECT CONDITION SURVEYS, CA	76506	Single	SPN	510

PROJECT CONDITION SURVEYS, CA	76506	Single	SPL	36
REDONDO BEACH (KING HARBOR), CA	74722	Single	SPL	0
SACRAMENTO RIVER SHALLOW DRAFT CHANNEL, CA	8187	Single	SPK	55
SACRAMENTO RVR & TRIBS (DEBRIS CONTROL), CA	15810	Single	SPK	296
SAN LEANDRO MARINA(JACK D MALTESTER CHANNEL),CA	76063	Single	SPN	11
SAN RAFAEL CREEK, CA	74709	Single	SPN	3336
YUBA RIVER, CA	20410	Single	SPK	41
<b>SUBTOTAL</b>				<b>9875</b>
<b>CONNECTICUT</b>				
CLINTON HARBOR, CT	39136	Single	NAE	0
FIVE MILE RIVER, CT	5910	Single	NAE	0
GUILFORD HARBOR,GUILFORD,CT	231	Single	NAE	0
NORWALK HARBOR, CT	21770	Single	NAE	167
PROJECT CONDITION SURVEYS, CT	76509	Single	NAE	780
<b>SUBTOTAL</b>				<b>947</b>
<b>DELAWARE</b>				
CEDAR CREEK, DE	87211	Single	NAP	0
INDIAN RIVER INLET AND BAY, DE	8110	Single	NAP	0
INTRACOASTAL WW, REHOBOTH BAY TO DELAWARE BAY,DE	8170	Single	NAP	43
MISPILLION RIVER, DE	73857	Single	NAP	53
MURDERKILL RIVER, DE	12020	Single	NAP	9
PROJECT CONDITION SURVEYS, DE	76510	Single	NAP	0
<b>SUBOTAL</b>				<b>105</b>
<b>DISTRICT OF COLUMBIA</b>				
PROJECT CONDITION SURVEYS, DC	76511	Single	NAB	0
<b>SUBTOTAL</b>				<b>0</b>
<b>FLORIDA</b>				
ANCLOTE RIVER, FL	74478	Single	SAJ	0
APALACHICOLA BAY, FL	430	Single	SAM	324
CENTRAL AND SOUTHERN FLORIDA, FL	2860	Multi w/o Alloc.	SAJ	4468
CHANNEL FROM NAPLES TO BIG MARCO PASS, FL	12150	Single	SAJ	1061
CLEARWATER PASS, FL	3400	Single	SAJ	0
CROSS FLORIDA BARGE CANAL, FL	4300	Single	SAJ	0
EAST PASS CHANNEL, FL	4980	Single	SAM	514
ESCAMBIA AND CONECUH RIVERS, FL	5620	Single	SAM	70
FORT MYERS BEACH FL	6220	Single	SAJ	0
HORSESHOE COVE, FL	74495	Single	SAJ	0
INTRACOASTAL WW,CALOOSAHAATCHEE R TO ANCLOTE R,FL	2480	Single	SAJ	0
JOHNS PASS, PINELLAS COUNTY, FL	1001	Single	SAJ	0
LA GRANGE BAYOU, FL	9280	Single	SAM	0
LONG BOAT PASS, FL	23100	Single	SAJ	0
NEW PASS, SARASOTA, FL	74483	Single	SAJ	1204
OKEECHOBEE WATERWAY, FL	13240	Single	SAJ	2376
OKLAWAHA RIVER, FL	13250	Single	SAJ	26
PONCE DE LEON INLET, FL	14310	Single	SAJ	1

PROJECT CONDITION SURVEYS	14615	Single	SAJ	750
PROJECT CONDITION SURVEYS, FL	76512	Single	SAJ	0
PROJECT CONDITION SURVEYS, FL	76512	Single	SAM	0
REMOVAL OF AQUATIC GROWTH, FL	15172	Single	SAJ	3957
ST AUGUSTINE HARBOR, FL	75027	Single	SAJ	0
ST LUCIE INLET, FL	17370	Single	SAJ	45
SUWANNEE RIVER, FL	74391	Single	SAJ	52
WITHLACOOCHIE RIVER, FL	74393	Single	SAJ	5
<b>SUBTOTAL</b>				<b>14853</b>
<b>GEORGIA</b>				
HARTWELL LAKE, GA & SC	7380	Multi w/ Alloc.	SAS	-87
J STROM THURMOND LAKE, GA & SC	3350	Multi w/ Alloc.	SAS	-3338
PROJECT CONDITION SURVEYS, GA	76513	Single	SAS	0
SAVANNAH RIVER BELOW AUGUSTA, GA	16450	Single	SAS	157
<b>SUBTOTAL</b>				<b>-3268</b>
<b>HAWAII</b>				
LAUPAHOEHOE SMALL BOAT HARBOR, HAWAII, HI	87401	Single	POH	0
MANELE SMALL BOAT HARBOR, HI	21050	Single	POH	37
POHIKI BAY, HAWAII, HI	87147	Single	POH	0
PROJECT CONDITION SURVEY	14628	Single	POH	0
PROJECT CONDITION SURVEYS, HI	76515	Single	POH	432
<b>SUBOTAL</b>				<b>469</b>
<b>ILLINOIS</b>				
ANDALUSIA HARBOR, IL	88826	Single	MVR	0
ILLINOIS AND MISSISSIPPI CANAL, IL	47032	Single	MVR	0
LAKE MICHIGAN DIVERSION, IL	8218	Single	LRC	1203
PROJECT CONDITION SURVEY	14611	Single	LRC	0
PROJECT CONDITION SURVEYS, IL	76517	Single	LRC	30
<b>SUBOTAL</b>				<b>1233</b>
<b>INDIANA</b>				
BURNS WATERWAY SMALL BOAT HARBOR, IN	87387	Single	LRC	719
PROJECT CONDITION SURVEYS, IN	76518	Single	LRC	52
<b>SUBTOTAL</b>				<b>771</b>
<b>KENTUCKY</b>				
BIG SANDY HARBOR, KY	10222	Single	LRH	945
ELVIS STAHR (HICKMAN) HARBOR, KY	22020	Single	MVM	374
LICKING RIVER OPEN CHANNEL WORK, KY	10220	Single	LRL	0
PROJECT CONDITION SURVEYS, KY	76521	Single	MVM	6
<b>SUBTOTAL</b>				<b>1325</b>
<b>LOUISIANA</b>				
BARATARIA BAY WATERWAY, LA	900	Single	MVN	514
BAYOU LACOMBE, LA	158	Single	MVN	15
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	2310	Single	MVN	1209

BAYOU SEGNETTE WATERWAY, LA	24	Single	MVN	73
BAYOU TECHE AND VERMILION RIVER, LA	1160	Single	MVN	5
BAYOU TECHE, LA	1150	Single	MVN	4799
CADDO LAKE, LA	2330	Multi w/o Alloc.	MVK	0
CHEFUNCTE RIVER & BOGUE FALIA, LA	174	Single	MVN	0
FRESHWATER BAYOU, LA	6200	Single	MVN	3530
LAKE PROVIDENCE HARBOR, LA	9360	Single	MVK	396
MADISON PARISH PORT, LA	87168	Single	MVK	95
MISSISSIPPI RIVER OUTLETS AT VENICE, LA	63	Single	MVN	5338
PROJECT CONDITION SURVEYS	14602	Single	MVN	66
PROJECT CONDITION SURVEYS, LA	76522	Single	MVN	0
REMOVAL OF AQUATIC GROWTH, LA	15171	Single	MVN	1307
TANGIPAHOA RIVER, LA	17970	Single	MVN	13
WATERWAY FROM EMPIRE TO THE GULF, LA	202	Single	MVN	0
WATERWAY FROM INTRACOASTAL WW TO B DULAC, LA	188	Single	MVN	90
<b>SUBTOTAL</b>				<b>17450</b>

#### MAINE

BELFAST HARBOR, ME	21750	Single	NAE	1542
CAMDEN HARBOR, ME	332	Single	NAE	481
INTL. ST. CROIX RVR BOARD	53933	Single	NAE	16
INTL. WATER ST. CROIX RVR BOARD	53934	Single	NAE	0
KENNEBUNK RIV, ME	8900	Single	NAE	15
NARRAGUAGUS RIVER, MILBRIDGE, ME	359	Single	NAE	39
PROJECT CONDITION SURVEYS, ME	76523	Single	NAE	450
UNION RIVER, ME	387	Single	NAE	568
WELLS HARBOR, ME	39023	Single	NAE	0

**SUBTOTAL** **3111**

#### MARYLAND

CHESTER RIVER, MD	73557	Single	NAB	-1
CRISFIELD HARBOR, MD	73559	Single	NAB	0
DUCK POINT COVE	73580	Single	NAB	4
FISHING CREEK, MD	73584	Single	NAB	307
HERRING BAY AND ROCKHOLD CREEK, MD	73585	Single	NAB	-8
HERRING CREEK, TALL TIMBERS, MD	62011	Single	NAB	9
HONGA RIVER AND TAR BAY, MD	22690	Single	NAB	410
KNAPPS NARROWS, MD	73589	Single	NAB	21
LOWER THOROFARE, DEAL ISLAND, MD	73592	Single	NAB	0
MUDDY HOOK AND TYLER COVES, MD	40025	Single	NAB	46
NANTICOKE AT NANTICOKE, MD	73564	Single	NAB	356
NANTICOKE RIVER NORTHWEST FORK, MD	73549	Single	NAB	0
NEALE SOUND, MD	73566	Single	NAB	0
NORTHEAST RIVER, MD	27009	Single	NAB	0
OCEAN CITY HARBOR AND INLET & SINEPUXENT BAY, MD	73567	Single	NAB	2581
POCOMOKE RIVER, MD	73570	Single	NAB	111
PROJECT CONDITION SURVEYS	14604	Single	NAB	295
PROJECT CONDITION SURVEYS, MD	76524	Single	NAB	0
QUEENSTOWN HARBOR MD	73572	Single	NAB	1



RHODES POINT TO TYLERTON, MD	73574	Single	NAB	160
SHALLOW CREEK, MD	87544	Single	NAB	1
ST JEROME CREEK, MD	73579	Single	NAB	0
TILGHMAN ISLAND HARBOR, MD	40108	Single	NAB	20
TWITCH COVE AND BIG THOROFARE RIVER, MD	73602	Single	NAB	1171
UPPER THOROFARE, MD	73604	Single	NAB	63
WICOMICO RIVER, MD	73606	Single	NAB	1973
<b>SUBTOTAL</b>				<b>7520</b>

#### MASSACHUSETTS

ANDREWS RIVER, MA	87009	Single	NAE	0
AUNT LYDIA'S COVE, MA	87674	Single	NAE	255
CHATHAM (STAGE) HARBOR, MA	39001	Single	NAE	0
COHASSET HARBOR, MA	3560	Single	NAE	0
CUTTYHUNK HARBOR, MA	409	Single	NAE	0
GREEN HARBOR, MA	6920	Single	NAE	300
NEWBURYPORT HARBOR, MA	39018	Single	NAE	3
PROJECT CONDITION SURVEYS	14607	Single	NAE	0
PROJECT CONDITION SURVEYS, MA	76525	Single	NAE	514
REMOVAL OF SUNKEN VESSELS	15181	Single	NAE	83
SCITUATE HARBOR, MA	444	Single	NAE	0
SESUIT HARBOR, MA	8193	Single	NAE	105
<b>SUBTOTAL</b>				<b>1260</b>

#### MICHIGAN

ARCADIA HARBOR, MI	46063	Single	LRE	131
AU SABLE HARBOR, MI	770	Single	LRE	0
BAY PORT HARBOR, MI	76062	Single	LRE	108
BIG BAY HARBOR, MI	1410	Single	LRE	0
BLACK RIVER HARBOR, MI	1640	Single	LRE	29
BOLLES HARBOR, MI	87750	Single	LRE	2
CASEVILLE HARBOR, MI	74199	Single	LRE	0
CEDAR RIVER HARBOR, MI	2820	Single	LRE	0
CLINTON RIVER, MI	3490	Single	LRE	4
GRAND TRAVERSE BAY HARBOR, MI	6730	Single	LRE	215
GREAT LAKES RECREATIONAL BOATING	10661	Single	LRE	0
GRELICKVILLE (TRAVERSE CITY HARBOR), MI	46103	Single	LRE	0
HARRISVILLE HARBOR, MI	53550	Single	LRE	0
INLAND ROUTE, MI	48140	Single	LRE	28
LAC LA BELLE, MI	9210	Single	LRE	0
LELAND HARBOR, MI	46018	Single	LRE	185
LEXINGTON HARBOR, MI	74006	Single	LRE	126
LEXINGTON HBR - MITIGATION OF SHORE DAMAGE, MI	73909	Single	LRE	96
LITTLE LAKE HARBOR, MI	9890	Single	LRE	318
NEW BUFFALO HARBOR, MI	1020	Single	LRE	178
PETOSKEY HARBOR, MI	74170	Single	LRE	0
POINT LOOKOUT HARBOR, MI	14220	Single	LRE	0
PORT AUSTIN HARBOR, MI	74213	Single	LRE	20
PORT SANILAC HARBOR, MI	46039	Single	LRE	104

PORT SANILAC HBR - MITIGATION OF SHORE DAMAGE,MI	14410	Single	LRE	68
PROJECT CONDITION SURVEYS	14612	Single	LRD	0
PROJECT CONDITION SURVEYS MI WI & MN	14612	Single	LRE	122
PROJECT CONDITION SURVEYS, MI	76526	Single	LRE	68
SAUGATUCK HARBOR, MI	16390	Single	LRE	25
SEBEWAING RIVER, MI	76061	Single	LRE	24
WHITEFISH POINT HARBOR, MI	19850	Single	LRE	0
<b>SUBTOTAL</b>				<b>1851</b>
<b>MINNESOTA</b>				
MINNESOTA RIVER, MN	11310	Single	MVP	222
PROJECT CONDITION SURVEYS	14603	Single	MVP	0
PROJECT CONDITION SURVEYS, MN	76527	Single	LRE	8
PROJECT CONDITION SURVEYS, MN	76527	Single	MVP	16
ST PAUL SMALL BOAT HARBOR, MN	88807	Single	MVP	14
WARROAD HARBOR, MN	48011	Single	MVP	0
WINONA SMALL BOAT HARBOR, MN	88816	Single	MVP	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53900	Single	MVP	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	76628	Single	MVP	50
<b>SUBTOTAL</b>				<b>260</b>
<b>MISSISSIPPI</b>				
BILOXI HARBOR, MS	1520	Single	SAM	2779
CADET BAYOU, MS	20600	Single	SAM	14
CLAIBORNE COUNTY PORT, MS	87249	Single	MVK	0
MOUTH OF YAZOO RIVER, MS	493	Single	MVK	101
PROJECT CONDITION SURVEYS, MS	76528	Single	MVM	5
ROSEDALE HARBOR, MS	87072	Single	MVK	572
WOLF AND JORDAN RIVERS, MS	20160	Single	SAM	184
YAZOO RIVER, MS	20350	Single	MVK	8
<b>SUBTOTAL</b>				<b>3663</b>
<b>MISSOURI</b>				
CARUTHERSVILLE HARBOR, MO	87092	Single	MVM	266
NEW MADRID HARBOR, MO	33012	Single	MVM	251
PROJECT CONDITION SURVEYS, MO	76529	Single	MVM	6
SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	87404	Single	MVS	103
<b>SUBTOTAL</b>				<b>626</b>
<b>NEW HAMPSHIRE</b>				
COCHECO RIVER, NH	505	Single	NAE	138
LITTLE HARBOR, NH	509	Single	NAE	23
PROJECT CONDITION SURVEYS, NH	76533	Single	NAE	187
<b>SUBTOTAL</b>				<b>348</b>
<b>NEW JERSEY</b>				
BARNEGAT INLET, NJ	950	Single	NAP	1470
MANASQUAN RIVER, NJ	10450	Single	NAP	0
NEW JERSEY INTRACOASTAL WATERWAY, NJ	8190	Single	NAP	2497
PROJECT CONDITION SURVEYS, NJ	76534	Single	NAN	683

PROJECT CONDITION SURVEYS, NJ	76534	Single	NAP	0
SANDY HOOK BAY AT LEONARDO, NJ	73667	Single	NAN	0
SHARK RIVER, NJ	41007	Single	NAN	1081
SHOAL HARBOR AND COMPTON CREEK, NJ	41035	Single	NAN	0
SHREWSBURY RIVER, MAIN CHANNEL, NJ	16780	Single	NAN	0
TUCKERTON CREEK, NJ	18580	Single	NAP	0
<b>SUBTOTAL</b>				<b>5731</b>

#### NEW YORK

BARCELONA HARBOR, NY	44036	Single	LRB	0
BRONX RIVER, NY	41057	Single	NAN	0
BROWNS CREEK, NY	41022	Single	NAN	0
CATTARAUGUS CREEK HARBOR, NY	73920	Single	LRB	0
EAST ROCKAWAY INLET, NY	5220	Single	NAN	1622
EASTCHESTER CREEK, NY	41004	Single	NAN	0
FIRE ISLAND INLET TO JONES INLET, NY	5880	Multi w/o Alloc.	NAN	293
FIRE ISLAND INLET, NY	5890	Single	NAN	0
GLEN COVE CREEK, NY	73686	Single	NAN	174
GREAT KILLS HARBOR	73690	Single	NAN	434
GREAT SOUTH BAY, NY	60570	Single	NAN	70
IRONDEQUOIT BAY HARBOR, NY	8220	Single	LRB	0
JONES INLET, NY	41006	Single	NAN	61
LAKE MONTAUK HARBOR, NY	9340	Single	NAN	77
LONG ISLAND INTRACOASTAL WATERWAY, NY	10040	Single	NAN	1634
MAMARONECK HARBOR, NY	41005	Single	NAN	0
MATTITUCK HARBOR, NY	41082	Single	NAN	116
MORICHES INLET, NY	11840	Single	NAN	36
NARROWS OF LAKE CHAMPLAIN, VT & NY	12200	Single	NAN	69
OAK ORCHARD HARBOR, NY	12980	Single	LRB	29
OLCOTT HARBOR, NY	44066	Single	LRB	5
PLATTSBURGH HARBOR, NY	73746	Single	NAN	664
PORTCHESTER HARBOR, NY	73747	Single	NAN	0
PROJECT CONDITION SURVEYS	14610	Single	LRB	0
PROJECT CONDITION SURVEYS	14629	Single	NAD	0
PROJECT CONDITION SURVEYS	14920	Single	NAN	-10
PROJECT CONDITION SURVEYS, NY	76536	Single	NAN	869
PROJECT CONDITION SURVEYS, NY	76536	Single	LRB	23
RONDOUT HARBOR, NY	73705	Single	NAN	0
ROUSES POINT, NY	73707	Single	NAN	0
SAG HARBOR, NY	73708	Single	NAN	1463
SAUGERTIES HARBOR, NY	73709	Single	NAN	0
SHINNECOCK INLET, NY	73644	Single	NAN	1280
STURGEON POINT HARBOR, NY	87433	Single	LRB	13
WESTCHESTER CREEK, NY	41003	Single	NAN	0
WILSON HARBOR, NY	73938	Single	LRB	9
<b>SUBTOTAL</b>				<b>8931</b>

#### NORTH CAROLINA

ATLANTIC BEACH CHANNELS, NC	7604	Single	SAW	0
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC	2890	Single	SAW	0
LOCKWOODS FOLLY RIVER, NC	10020	Single	SAW	1139
MANTEO (SHALLOWBAG) BAY, NC	10580	Single	SAW	8716
OCRACOKE INLET, NC	529	Single	SAW	0
PAMLICO AND TAR RIVERS, NC	74615	Single	SAW	3

PROJECT CONDITION SURVEYS	14617	Single	SAW	85
PROJECT CONDITION SURVEYS, NC	76537	Single	SAW	0
ROANOKE RIVER, NC	22510	Single	SAW	67
ROLLINSON CHANNEL, NC	15490	Single	SAW	57
SILVER LAKE HARBOR, NC	16800	Single	SAW	310
WW CONNECTING PAMLICO SOUND & BEAUFORT HBR, NC	74632	Single	SAW	0
<b>SUBTOTAL</b>				<b>10377</b>
<b>NORTH DAKOTA</b>				
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53932	Single	MVP	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	76638	Single	MVP	25
<b>SUBTOTAL</b>				<b>25</b>
<b>OHIO</b>				
COOLEY CANAL, OH	1093	Single	LRB	0
PORT CLINTON HARBOR, OH	21540	Single	LRB	10
PORTSMOUTH HARBOR, OH	10221	Single	LRH	111
PROJECT CONDITION SURVEYS, OH	76539	Single	LRB	13
PUT-IN-BAY, OH	8296	Single	LRB	0
ROCKY RIVER, OH	44072	Single	LRB	76
TOUSSAINT RIVER, OH	87453	Single	LRB	124
VERMILION HARBOR, OH	44003	Single	LRB	182
WEST HARBOR, OH	74025	Single	LRB	28
<b>SUBTOTAL</b>				<b>544</b>
<b>OREGON</b>				
CHETCO RIVER, OR	3130	Single	NWP	360
COQUILLE RIVER, OR	3900	Single	NWP	327
DEPOE BAY, OR	4610	Single	NWP	504
PROJECT CONDITION SURVEYS	14608	Single	NWP	0
PROJECT CONDITION SURVEYS	14624	Single	NWD	0
PROJECT CONDITION SURVEYS, OR	76541	Single	NWP	36
ROGUE RIVER AT GOLD BEACH, OR	15600	Single	NWP	416
YAQUINA RIVER, OR	20300	Single	NWP	29
<b>SUBTOTAL</b>				<b>1672</b>
<b>PENNSYLVANIA</b>				
PROJECT CONDITION SURVEYS	14606	Single	NAP	71
PROJECT CONDITION SURVEYS, PA	76542	Single	LRB	32
<b>SUBTOTAL</b>				<b>103</b>
<b>PUERTO RICO</b>				
AGUADILLA HARBOR, PR	87427	Single	SAJ	1
<b>SUBTOTAL</b>				<b>1</b>
<b>RHODE ISLAND</b>				
PROJECT CONDITION SURVEYS, RI	76544	Single	NAE	309
<b>SUBTOTAL</b>				<b>309</b>

**SOUTH CAROLINA**

FOLLY RIVER, SC	87088	Single	SAC	981
LITTLE RIVER INLET, SC & NC	9930	Single	SAC	4
MURRELLS INLET, SC	12030	Single	SAC	815
PROJECT CONDITION SURVEYS	14614	Single	SAC	69
PROJECT CONDITION SURVEYS, SC	76545	Single	SAC	0
TOWN CREEK, SC	00001	Single	SAC	394

<b>SUBTOTAL</b>				<b>2263</b>
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**TENNESSEE**

PROJECT CONDITION SURVEYS	14601	Single	MVM	0
PROJECT CONDITION SURVEYS, TN	76547	Single	MVM	6
WOLF RIVER HARBOR, TN	20150	Single	MVM	276

<b>SUBTOTAL</b>				<b>282</b>
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**TEXAS**

BENBROOK LAKE, TX	1350	Multi w/o Alloc.	SWF	0
CEDAR BAYOU, TX	2810	Single	SWG	-2
CLEAR CREEK, TX	3330	Single	SWG	0
DOUBLE BAYOU, TX	4930	Single	SWG	0
FERRELLS BRIDGE DAM, LAKE O' THE PINES, TX	5850	Multi w/o Alloc.	SWF	-10
GRAPEVINE LAKE, TX	6760	Multi w/o Alloc.	SWF	0
PROJECT CONDITION SURVEYS, TX	76548	Single	SWG	0
SAM RAYBURN DAM AND RESERVOIR, TX	16040	Multi w/ Alloc.	SWF	-168
TRINITY RIVER AND TRIBUTARIES, TX	18510	Single	SWG	4614
WALLISVILLE LAKE, TX	19380	Multi w/ Alloc.	SWG	429

<b>SUBTOTAL</b>				<b>4863</b>
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**VERMONT**

BURLINGTON HARBOR BREAKWATER, VT	73727	Single	NAN	707
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<b>SUBTOTAL</b>				<b>707</b>
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**VIRGINIA**

APPOMATTOX RIVER, VA	30580	Single	NAO	625
BENNETTS CREEK	87461	Single	NAO	89
BONUM CREEK, VA	50045	Single	NAB	14
CHINCOTEAGUE BAY CHANNEL, VA	10890	Single	NAO	30
CHINCOTEAGUE HARBOR OF REFUGE, VA	179117	Single	NAO	126
CHINCOTEAGUE INLET, VA	76106	Single	NAO	245
DAVIS CREEK, VA	81397	Single	NAO	140
DEEP CREEK, VA	75117	Single	NAO	1201
GREENVALE CREEK, VA	76345	Single	NAO	28
HAMPTON CREEK, VA	73755	Single	NAO	0
HORN HARBOR, VA	73776	Single	NAO	152
HOSKINS CREEK, VA	20920	Single	NAO	45
LITTLE WICOMICO RIVER, VA	9980	Single	NAB	-17
LYNNHAVEN INLET, VA	10310	Single	NAO	396
MONROE BAY AND CREEK, VA	592	Single	NAB	14
NANDUA CREEK, VA	73782	Single	NAO	0

OCCOQUAN CREEK, VA	595	Single	NAB	138
OYSTER CHANNEL, VA	73792	Single	NAO	20
PAGAN RIVER, VA	73793	Single	NAO	0
POTOMAC RIVER AT MT VERNON, VA	598	Single	NAB	-311
PROJECT CONDITION SURVEYS , VIRGINIA	14605	Single	NAO	651
PROJECT CONDITION SURVEYS, VA	76551	Single	NAO	0
PROJECT CONDITION SURVEYS, VA	76551	Single	NAB	0
QUINBY CREEK, VA	14770	Single	NAO	249
RUDEE INLET, VA	87455	Single	NAO	846
STARLINGS CREEK, VA	42001	Single	NAO	0
TANGIER CHANNEL, VA	27650	Single	NAO	0
TYLERS BEACH, VA	76107	Single	NAO	18
WATERWAY ON THE COAST OF VIRGINIA, VA	19550	Single	NAO	918
WHITINGS CREEK, MIDDLESEX CO, VA	605	Single	NAO	149
WINTER HARBOR, MATHEWS COUNTY, VA	73802	Single	NAO	3
<b>SUBTOTAL</b>				<b>5769</b>
<b>WASHINGTON</b>				
COLUMBIA RIVER AT BAKER BAY, WA & OR	3570	Single	NWP	736
COLUMBIA RIVER BETWEEN CHINOOK & SAND ISLAND, WA	23080	Single	NWP	864
NEAH BAY, WA	67314	Single	NWS	632
PROJECT CONDITION SURVEYS	14609	Single	NWS	0
PROJECT CONDITION SURVEYS, WA	76553	Single	NWS	242
QUILLAYUTE RIVER, WA	14760	Single	NWS	1070
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	53937	Single	NWS	0
SWINOMISH CHANNEL, WA	17870	Single	NWS	129
<b>SUBTOTAL</b>				<b>3673</b>
<b>WEST VIRGINIA</b>				
CHARLESTON RIVERFRONT PARK, WV	10307	Single	LRH	0
ELK RIVER HARBOR, WV	88833	Single	LRH	272
<b>SUBTOTAL</b>				<b>272</b>
<b>WISCONSIN</b>				
ALGOMA HARBOR, WI	74177	Single	LRE	0
BIG SUAMICO HARBOR, WI	612	Single	LRE	20
CORNUCOPIA HARBOR, WI	3970	Single	LRE	0
FOX RIVER, WI	6610	Single	LRE	4135
LA POINTE HARBOR, WI	9450	Single	LRE	0
PENSAUKEE HARBOR, WI	74189	Single	LRE	0
PROJECT CONDITION SURVEYS, WI	76555	Single	LRE	23
PROJECT CONDITION SURVEYS, WI	76555	Single	MVP	0
SAXON HARBOR, WI	16500	Single	LRE	0
<b>SUBTOTAL</b>				<b>4178</b>
<b>TOTAL</b>				<b>119254</b>

\* PWI = Corps of Engineers Project Work Identification number.

\*\* PROJECT PURPOSE = Single Purpose Navigation, or Multipurpose with or without cost allocations.

\*\*\* NAV RECOV = That portion of project operation and maintenance costs recoverable from the HMTF.

**Appendix C**

**Operation and Maintenance Expenditures For  
U.S. Army Corps of Engineers Harbor Projects, FY 2004**

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

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



**APPENDIX C - TABLE 1D  
OPERATIONS & MAINTENANCE EXPENDITURES FOR  
US ARMY CORPS OF ENGINEERS HARBOR PROJECTS  
DEEP DRAFT HARBOR PROJECTS BY STATE/TERRITORY, FY 2004 (\$000)**

STATE & PROJECT NAMES	PWI*	PROJECT PURPOSE**	DIST/ DIV	NAV RECOV***
<b>ALABAMA</b>				
BAYOU LA BATRE	1120	Single	SAM	132
LIDAR BATHYMETER (SHOALS)	8242	Single	SAM	2400
MOBILE HARBOR	11670	Single	SAM	20984
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	SAM	6
<b>SUBTOTAL</b>				<b>23522</b>
<b>ALASKA</b>				
ANCHORAGE HARBOR	360	Single	POA	13944
COOK INLET SHOALS	10324	Single	POA	404
HAINES HARBOR	87015	Single	POA	0
HARBOR (KETCHIKAN) , BAR POINT	87071	Single	POA	0
HOMER SMALL BOAT HARBOR	80508	Single	POA	353
HOONAH HARBOR	76001	Single	POA	0
HUMBOLDT HARBOR	74949	Single	POA	0
ILIULIUK HARBOR	72796	Single	POA	0
KAKE HARBOR	72739	Single	POA	0
KETCHIKAN, THOMAS BASIN	631	Single	POA	0
KING COVE	72741	Single	POA	0
KODIAK HARBOR AK	10168	Single	POA	0
METLAKATLA HARBOR	76002	Single	POA	0
METLAKATLA SMALL BOAT HARBOR	72755	Single	POA	0
PETERSBURG HARBOR	72759	Single	POA	0
PORT ALEXANDER	72761	Single	POA	0
SELDOVIA HARBOR	72763	Single	POA	0
SERGIUS NARROWS	72744	Single	POA	0
SEWARD HARBOR	72765	Single	POA	0
SITKA CHANNEL ROCK BREAKWATERS	10322	Single	POA	0
SITKA HARBOR	72845	Single	POA	0
SITKA HARBOR, CRESCENT BAY	16840	Single	POA	0
ST. GEORGE HARBOR	87489	Single	POA	0
ST. PAUL HARBOR	10169	Single	POA	596
WRANGEL NARROWS	72852	Single	POA	16
<b>SUBTOTAL</b>				<b>15313</b>
<b>AMERICAN SAMOA</b>				
OFU HARBOR	87038	Single	POH	32
<b>SUBTOTAL</b>				<b>32</b>
<b>CALIFORNIA</b>				

CHANNEL ISLANDS HARBOR CA	14360	Single	SPL	517
CRESCENT CITY HARBOR	4270	Single	SPN	57
DANA POINT HARBOR CA	4430	Single	SPL	0
DRIFT REMOVAL (SAN FRANCISCO HARBOR AND BAY)	16140	Single	SPN	1884
HUMBOLDT HARBOR AND BAY	7860	Single	SPN	4535
LOS ANGELES LONG BEACH HARBOR MODEL	76101	Single	SPL	160
LOS ANGELES LONG BEACH HARBORS	74719	Single	SPL	211
MARINA DEL REY	37690	Single	SPL	207
MORRO BAY HARBOR CA	11860	Single	SPL	1240
MOSS LANDING HARBOR	11880	Single	SPN	632
NAPA RIVER	74703	Single	SPN	0
NEWPORT HARBOR	74720	Single	SPL	123
OAKLAND HARBOR	12990	Single	SPN	5529
OCEANSIDE HARBOR CA	13080	Single	SPL	998
OCEANSIDE SAND BYPASS SYSTEM	13085	Single	SPL	0
PORT HUENEME	74656	Single	SPL	189
PORT SAN LUIS	232	Single	SPL	122
REDWOOD CITY	15100	Single	SPN	551
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	SPL	0
REGIONAL SEDIMENT MGT PROGRAM	8303	Single	SPL	41
RICHMOND HARBOR	15280	Single	SPN	3798
SACRAMENTO RIVER (30' CHANNEL)	15870	Single	SPK	450
SAN DIEGO HARBOR	16110	Single	SPL	0
SAN DIEGO RIVER MISSION BAY	15750	Single	SPL	160
SAN FRANCISCO BAY DELTA MODEL STRUCTURE	76029	Single	SPN	21
SAN FRANCISCO BAY LONG TERM MGT STRATEGY	88920	Single	SPN	1506
SAN FRANCISCO HARBOR	16130	Single	SPN	1302
SAN FRANCISCO HARBOR & BAY DRIFT REMOVAL	16140	Single	SPN	1884
SAN JOAQUIN RIVER	16180	Single	SPK	2224
SAN PABLO BAY AND MARE ISLAND STRAIT	16230	Single	SPN	317
SANTA BARBARA HARBOR CA	15730	Single	SPL	1365
SANTA CRUZ HARBOR	16340	Single	SPN	0
SUISUN BAY CHANNEL	17720	Single	SPN	2953
VENTURA HARBOR	24190	Single	SPL	2295
<b>SUBTOTAL</b>				<b>35272</b>
<b>COMMONWEALTH OF NORTHERN MARIANNAS ISLANDS</b>				
ROTA HARBOR	87237	Single	POH	0
<b>SUBTOTAL</b>				<b>0</b>
<b>CONNECTICUT</b>				
BRIDGEPORT HARBOR	73360	Single	NAE	289
CONNECTICUT RIVER BELOW HARTFORD	3760	Single	NAE	0
DUCK ISLAND HARBOR	72431	Single	NAE	0
HOUSATONIC RIVER	241	Single	NAE	0
MYSTIC RIVER	73370	Single	NAE	0
NEW HAVEN HARBOR CT	12380	Single	NAE	1959
NEW LONDON HARBOR	249	Single	NAE	0
THAMES RIVER	255	Single	NAE	0

TREATMENT OF DREDGED MATERIAL	180673	Single	NAE	14
<b>SUBTOTAL</b>				<b>2263</b>
<b>DELAWARE</b>				
C AND D CANAL ST. GEORGES BRIDGE REPLACEMENT	8215	Single	NAP	0
DELAWARE BAY HARBOR OR REFUGE	10064	Single	NAP	0
IWW, DEL R. TO CHES. BAY,( CHES. & DELAWARE CANAL )	8160	Single	NAP	11520
WILMINGTON HARBOR	20040	Single	NAP	2990
<b>SUBTOTAL</b>				<b>14510</b>
<b>DISTRICT OF COLUMBIA</b>				
POTOMAC RIV BELOW WASH	294	Single	NAB	204
POTOMAC RIVER DRIFT REMOVAL	14520	Single	NAB	1048
WASHINGTON HARBOR	19500	Single	NAB	221
<b>SUBTOTAL</b>				<b>1473</b>
<b>FLORIDA</b>				
CANAVERAL HARBOR FL	2520	Single	SAJ	5066
CARRABELLE HARBOR	76018	Single	SAM	6
CHARLOTTE HARBOR FL	3000	Single	SAJ	1
FERNANDINA HARBOR	5840	Single	SAJ	1837
FORT PIERCE HARBOR FL	6260	Single	SAJ	-1
JACKSONVILLE HARBOR FL	8410	Single	SAJ	2324
MANATEE HARBOR	10166	Single	SAJ	4342
MIAMI HARBOR FL	74378	Single	SAJ	129
MIAMI RIVER	76295	Single	SAJ	3398
PALM BEACH HARBOR FL	13590	Single	SAJ	3905
PANAMA CITY HARBOR	13640	Single	SAM	1052
PENSACOLA HARBOR	13830	Single	SAM	238
PORT EVERGLADES HARBOR	76031	Single	SAJ	353
PORT ST. JOE HARBOR	14390	Single	SAM	2
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	SAJ	1
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	SAJ	0
ST PETERSBURG HBR	74390	Single	SAJ	0
TAMPA HARBOR FL	17960	Single	SAJ	8589
<b>SUBTOTAL</b>				<b>31240</b>
<b>GEORGIA</b>				
BRUNSWICK HARBOR	2080	Single	SAS	3763
DARIEN HARBOR	74576	Single	SAS	0
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	SAS	37
SAVANNAH HARBOR	75085	Single	SAS	10744
SAVANNAH HARBOR LONG TERM MAINTENANCE STRATEGY	8232	Single	SAS	0
<b>SUBTOTAL</b>				<b>14543</b>
<b>HAWAII</b>				
BARBERS PT HBR	910	Single	POH	0
HILO HARBOR	7550	Single	POH	0
HONOKOHAU SB HARBOR	7650	Single	POH	0

HONOLULU HARBOR	7660	Single	POH	0
KAHULUI HARBOR	8660	Single	POH	0
KAUNAKAKAI HARBOR	73019	Single	POH	0
KAWAIHAE DD HARBOR	8800	Single	POH	0
NAWILIWILI HARBOR	73336	Single	POH	0
PORT ALLEN HARBOR	73338	Single	POH	92
<b>SUBTOTAL</b>				<b>92</b>

#### ILLINOIS

CALUMET HARBOR AND RIVER	2410	Single	LRC	2978
CHICAGO HARBOR	45009	Single	LRC	3403
CHICAGO RIVER IL	3810	Single	LRC	338
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76617	Single	LRC	114
WAUKEGAN HARBOR IL	19560	Single	LRC	1108

**SUBTOTAL** **7941**

#### INDIANA

BURNS WATERWAY HARBOR, IN	2250	Single	LRC	2171
INDIANA HARBOR	18120	Single	LRC	282
MICHIGAN CITY HARBOR	11060	Single	LRC	2329
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76618	Single	LRE	85
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76618	Single	LRC	24

**SUBTOTAL** **4891**

#### LOUISIANA

7.5 MCY STANDBY TIME	8236	Single	MVN	0
ATCH RIVER AND BAYOUS CHENE BOEUF AND BLACK	680	Single	MVN	16909
CALC RIVER AND PASS	2440	Single	MVN	11870
DREDGE WHEELER READY RESERVE	8304	Single	MVN	7475
HOUMA NAV CANAL	7760	Single	MVN	482
MERMENTAU RIVER	11030	Multi. w/o Alloc.	MVN	4914
MICHOUD CANAL	64	Single	MVN	0
MISS RIVER BR TO GULF	68	Single	MVN	51242
MISS RIVER GULF OUTLET (MRGO)	11410	Single	MVN	21318

**SUBTOTAL** **114209**

#### MAINE

BUCKSPORT HARBOR	331	Single	NAE	0
CAPE PORPOISE	333	Single	NAE	0
CARVERS HARBOR	334	Single	NAE	0
DEER ISLAND THOROUGHFARE	341	Single	NAE	0
GEORGES RIVER	344	Single	NAE	0
KENNEBEC RIVER	8890	Single	NAE	587
PENOBSCOT RIVER MAINE	56470	Single	NAE	0
PORTLAND HARBOR	367	Single	NAE	0
ROCKLAND HARBOR	73389	Single	NAE	0
ROCKLAND HARBOR (BREAKWATER)	373	Single	NAE	0
ROCKPORT HARBOR	375	Single	NAE	0
SEARSPORT HARBOR	377	Single	NAE	0

STOCKTON HARBOR	383	Single	NAE	0
TENNANTS HARBOR	386	Single	NAE	0
<b>SUBTOTAL</b>				<b>588</b>

**MARYLAND**

ANNAPOLIS HARBOR	73550	Single	NAB	0
BALTIMORE HARBOR AND CHANNELS 50 FT	74955	Single	NAB	12652
BALTIMORE HARBOR AND CHANNELS 42 FT	870	Single	NAB	1
BALTIMORE HARBOR AND CHANNELS 42 FT	870	Single	NAO	0
BALTIMORE HARBOR DRIFT REMOVAL	871	Single	NAB	473
BALTIMORE HARBOR PREV OF OBST AND INJ DEP	872	Single	NAB	633
CAMBRIDGE HARBOR	73556	Single	NAB	0
SUSQUEHANNA RIVER HAVRE DE GRACE	73597	Single	NAB	0
TOLCHESTER CHANNEL	8289	Single	NAB	1

<b>SUBTOTAL</b>				<b>13762</b>
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**MASSACHUSETTS**

BOSTON HARBOR	1960	Single	NAE	2793
CAPE COD CANAL	2620	Single	NAE	9236
CROSS RIP SHOALS NANTUCKET SOUND	408	Single	NAE	0
DORCHESTER BAY	4900	Single	NAE	0
EDGARTOWN HARBOR	411	Single	NAE	0
FALL RIVER HARBOR	414	Single	NAE	0
GLOUCESTER HARBOR AND ANNISQUAM RIVER	416	Single	NAE	0
ISLAND END RIVER	87177	Single	NAE	0
LYNN HARBOR	10023	Single	NAE	0
MONITORING DISPOSAL AREA	8223	Single	NAE	1276
MYSTIC RIVER	431	Single	NAE	0
NANTUCKET HARBOR OF REFUGE	21760	Single	NAE	0
NEW BEDFORD AND FAIRHAVEN HARBORS	432	Single	NAE	104
PLYMOUTH HARBOR	14200	Single	NAE	64
ROCKPORT HARBOR	438	Single	NAE	0
SALEM HARBOR	439	Single	NAE	0
VINEYARD HAVEN HARBOR	449	Single	NAE	0
WEYMOUTH BACK RIVER	453	Single	NAE	0
WEYMOUTH FORE AND TOWN RIVER	19790	Single	NAE	0
WEYMOUTH FORE RIVER	87194	Single	NAE	109

<b>SUBOTAL</b>				<b>13583</b>
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**MICHIGAN**

ALPENA HARBOR MICHIGAN	74196	Single	LRE	50
BLACK RIVER PORT HURON	1110	Single	LRE	458
CHANNELS IN LAKE ST. CLAIR MICHIGAN	2940	Single	LRE	116
CHANNELS IN STRAITS OF MACKINAC MICHIGAN	74201	Single	LRE	0
CHARLEVOIX HARBOR MICHIGAN	2990	Single	LRE	197
CHEBOYGAN HARBOR MICHIGAN	74203	Single	LRE	0
DETROIT RIVER MICHIGAN	4710	Single	LRE	4654
FRANKFORT HARBOR MICHIGAN	6130	Single	LRE	265
GRAND HAVEN HARBOR MICHIGAN	6670	Single	LRE	695

GRAND HAVEN HARBOR MITIGATION OF SHORE DAMAGE	6671	Single	LRE	93
GRAND MARAIS HARBOR MICHIGAN	46064	Single	LRE	5
GRAYS REEF MICHIGAN	74160	Single	LRE	66
GREAT LAKES SEDIMENT TRANSPORT MODEL	8266	Single	LRE	0
GREAT LAKES SEDIMENT TRANSPORT MODEL	8266	Single	LRD	1099
HARBOR BEACH HARBOR MICHIGAN	7300	Single	LRE	0
HOLLAND HARBOR MICHIGAN	7610	Single	LRE	863
HOLLAND HARBOR MITIGATION OF SHORE DAMAGE	7611	Single	LRE	103
INTERNATIONAL WATER STUDIES	8189	Single	LRD	23
INTERNATIONAL WATER STUDIES	46028	Single	LRE	0
KEWEENAW WATERWAY MICHIGAN	8960	Single	LRE	511
LITTLE BAY DE NOC, GLADSTONE HARBOR & KIPLING	74158	Single	LRE	0
LUDINGTON HARBOR	10270	Single	LRE	289
LUDINGTON HARBOR MITIGATION	10271	Single	LRE	0
MANISTEE HARBOR	10480	Single	LRE	515
MANISTIQUE HARBOR	10490	Single	LRE	0
MARQUETTE HARBOR MICHIGAN	48013	Single	LRE	286
MENOMINEE HARBOR MICHIGAN AND WISCONSIN	45044	Single	LRE	30
MONROE HARBOR	11760	Single	LRE	171
MUSKEGON HARBOR MICHIGAN	12060	Single	LRE	323
MUSKEGON HARBOR MITIGATION OF SHORE DAMAGE	12061	Single	LRE	0
ONTONAGON HARBOR	13330	Single	LRE	646
PENTWATER HARBOR MICHIGAN	13850	Single	LRE	144
PORTAGE LAKE HARBOR MICHIGAN	21530	Single	LRE	34
PRESQUE ISLE HARBOR MICHIGAN	48012	Single	LRE	0
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	LRE	7
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	LRE	0
ROUGE RIVER MICHIGAN	15590	Single	LRE	164
SAGINAW RIVER DIKE DISPOSAL	44064	Single	LRE	0
SAGINAW RIVER MICHIGAN	57420	Single	LRE	1342
SOUTH HAVEN HARBOR MICHIGAN	17180	Single	LRE	0
SOUTH HAVEN HARBOR MITIGATION OF SHORE DAMAGE	17181	Single	LRE	9
ST. CLAIR RIVER MICHIGAN	17300	Single	LRE	1035
ST. JOSEPH HARBOR MICHIGAN	17350	Single	LRE	612
ST. JOSEPH HARBOR MITIGATION OF SHORE DAMAGE	17351	Single	LRE	104
ST. MARYS RIVER MICHIGAN	17380	Multi w/o Alloc.	LRE	20347
STURGEON BAY HARBOR & LAKE MICHIGAN SHIP CANAL	17760	Single	LRE	86
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76626	Single	LRE	2277
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	46027	Single	LRE	-25
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	15200	Single	LRD	167
WHITE LAKE HARBOR MICHIGAN	19810	Single	LRE	0
WHITE LAKE HARBOR MITIGATION OF SHORE DAMAGE	74176	Single	LRE	2

**SUBTOTAL**

**37761**

**MINNESOTA**

ALTERNATIVE TECHNOLOGY	8276	Single	LRE	0
DULUTH SUPERIOR HARBOR MINNESOTA	5050	Single	LRE	1906
GRAND MARAIS HARBOR MINNESOTA	99871	Single	LRE	0
INTERNATIONAL WATER STUDIES	53900	Single	MVP	0

SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76627	Single	LRE	219
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76627	Single	MVP	86
TWO HARBORS HARBOR MINNESOTA	18700	Single	LRE	126
<b>SUBTOTAL</b>				<b>2337</b>
<b>MISSISSIPPI</b>				
GULFPORT HARBOR	7150	Single	SAM	2492
PASCAGOULA HARBOR	13680	Single	SAM	7210
<b>SUBTOTAL</b>				<b>9702</b>
<b>NEW HAMPSHIRE</b>				
COMPREHENSIVE UPLAND DISPOSAL SITE EVALUATION	8323	Single	NAE	31
PORTSMOUTH HARBOR	512	Single	NAE	0
<b>SUBTOTAL</b>				<b>31</b>
<b>NEW JERSEY</b>				
ABSECON INLET	80	Single	NAP	0
COLD SPRING INLET	22140	Single	NAP	613
DEL R PHILADELPHIA TO TRENTON	4550	Single	NAP	534
DEL R PHILADELPHIA TO THE SEA	4570	Single	NAP	16316
DELAWARE RIVER AT CAMDEN	43005	Single	NAP	19
NEWARK BAY (HACKENSACK AND PASSAIC RVS) NJ	12550	Single	NAN	92
RARITAN RIVER	14860	Single	NAN	346
RARITAN RIVER TO ARTHUR KILL CUT OFF	21870	Single	NAN	0
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	NAP	1
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	NAP	6
SALEM RIVER	24950	Single	NAP	87
<b>SUBTOTAL</b>				<b>18014</b>
<b>NEW YORK</b>				
BAYBRIDGE AND RED HOOK CHANNELS	1040	Single	NAN	0
BLACK ROCK CHANNEL AND TONAWANDA HARBOR	1660	Single	LRB	2894
BUFFALO HARBOR	2140	Single	LRB	1269
BUFFALO HARBOR ENVIRONMENTAL DREDGING	8277	Single	LRB	0
BUTTERMILK BAY CHANNEL	402	Single	NAE	0
BUTTERMILK CHANNEL	41015	Single	NAN	276
CAPE VINCENT HARBOR	44037	Single	LRB	0
CONEY ISLAND CHANNEL	73679	Single	NAN	0
DUNKIRK HARBOR	50600	Single	LRB	269
EAST RIVER	41062	Single	NAN	0
FLUSHING BAY AND CREEK	41016	Single	NAN	295
GOWANUS CREEK CHANNEL	41023	Single	NAN	0
GREAT SODUS BAY HARBOR	6860	Single	LRB	348
HUDSON RIVER CHANNEL	7800	Single	NAN	320
HUDSON RIVER NY (MAINT)	7810	Single	NAN	1965
HUDSON RIVER NY (O AND C)	7820	Single	NAN	1392
JAMAICA BAY	54000	Single	NAN	219
LITTLE SODUS BAY HARBOR	9970	Single	LRB	3
LONG ISLAND SOUND	14032	Single	NAE	709

NEW YORK HARBOR	12490	Single	NAN	4093
NEW YORK HARBOR NY (DRIFT REMOVAL)	12500	Single	NAN	5846
NEWTOWN CREEK	12590	Single	NAN	0
NEW YORK HARBOR PREV OF OBST & INJ DEP	17760	Single	NAN	700
NY NJ CHANNELS	12520	Single	NAN	3391
OGDENSBURG HARBOR	13130	Single	LRB	0
OSWEGO HARBOR	13440	Single	LRB	178
PORT JEFFERSON HARBOR	73749	Single	NAN	0
PORT ONTARIO HARBOR	73933	Single	LRB	0
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	NAN	33
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8302	Single	NAN	0
ROCHESTER HARBOR	15390	Single	LRB	600
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76636	Single	LRB	1
<b>SUBTOTAL</b>				<b>24802</b>
<b>NORTH CAROLINA</b>				
BEAUFORT HARBOR NC	1210	Single	SAW	0
CAPE FEAR RIVER	2640	Single	SAW	585
MOREHEAD CITY HARBOR NC	11810	Single	SAW	2287
WILMINGTON HARBOR NC	20030	Single	SAW	4023
<b>SUBTOTAL</b>				<b>6896</b>
<b>OHIO</b>				
ASHTABULA HARBOR	650	Single	LRB	1245
CLEVELAND HARBOR	3430	Single	LRB	3932
CONNEAUT HARBOR	3770	Single	LRB	734
FAIRPORT HARBOR	5760	Single	LRB	1101
HURON HARBOR	7920	Single	LRB	91
LORAIN HARBOR	10060	Single	LRB	3085
SANDUSKY HARBOR	16260	Single	LRB	43
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76639	Single	LRB	0
TOLEDO HARBOR	18280	Single	LRB	3445
<b>SUBTOTAL</b>				<b>13677</b>
<b>OREGON</b>				
BONNEVILLE LOCK AND DAM/ LAKE BONNEVILLE	80546	Single	NWP	6113
COLUMBIA R BETWEEN VANCOUVER WA AND THE DALLES OR	3620	Single	NWP	295
COLUMBIA RIVER AT MOUTH	3600	Single	NWP	9102
COOS BAY OR	3840	Single	NWP	2437
C AND LW RIVERS BELOW VANCOUVER WA AND PORTLAND OR	3630	Single	NWP	14787
PORT ORFORD OR	14370	Single	NWP	233
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	NWP	0
SIUSLAW RIVER OR	16860	Single	NWP	208
SKIPANON CHANNEL OR	16930	Single	NWP	13
TILLAMOOK BAY AND BAR OR	18230	Single	NWP	1051
UMPQUA RIVER OR	18750	Single	NWP	397
YAQUINA BAY AND HARBOR OR	20290	Single	NWP	1381
<b>SUBTOTAL</b>				<b>36018</b>



<b>PENNSYLVANIA</b>					
ERIE HARBOR	5600	Single	LRB	135	
SCHUYLKILL RIVER	16550	Single	NAP	1221	
SURVEILLANCE OF NORTHERN BOUNDARY WATER	76642	Single	LRB	69	
<b>SUBTOTAL</b>				<b>1425</b>	
<b>PUERTO RICO</b>					
ARECIBO HARBOR	20500	Single	SAJ	0	
MAYAGUEZ HARBOR	22280	Single	SAJ	0	
PONCE HARBOR	75007	Single	SAJ	0	
SAN JUAN HARBOR	16190	Single	SAJ	32	
<b>SUBTOTAL</b>				<b>32</b>	
<b>RHODE ISLAND</b>					
BLOCK REFUGE/HARBOR OF REFUGE	73445	Single	NAE	3	
GREAT SALT POND/BLOCK ISLAND	559	Single	NAE	95	
NEWPORT HARBOR	72599	Single	NAE	0	
POINT JUDITH POND & HARBOR OF REFUGE	39078	Single	NAE	1	
PROVIDENCE RIVER AND HARBOR	566	Single	NAE	21327	
RHODE ISLAND REGION LONG TERM DISPOSAL SITE EIS	8313	Single	NAE	591	
SAKONNET HARBOR	568	Single	NAE	0	
SEEKONK RIVER	571	Single	NAE	0	
<b>SUBTOTAL</b>				<b>22018</b>	
<b>SOUTH CAROLINA</b>					
ASHLEY RIVER	74464	Single	SAC	0	
CHARLESTON HARBOR REDIVERSION (FISH LIFT)	8221	Single	SAC	0	
CHARLESTON HARBOR SC	2980	Single	SAC	8213	
COOPER RIVER CHARLESTON HARBOR SC	74354	Single	SAC	5352	
GEORGETOWN HARBOR SC	6480	Single	SAC	3279	
PORT ROYAL HARBOR SC	14380	Single	SAC	26	
SHIPYARD RIVER SC	16730	Single	SAC	0	
<b>SUBTOTAL</b>				<b>16871</b>	
<b>TEXAS</b>					
BARBOUR TERMINAL SHIP CHANNEL	88912	Single	SWG	752	
BAYPORT SHIP CHANNEL	88910	Single	SWG	20	
BRAZOS ISLAND HARBOR	1990	Single	SWG	1901	
CHANNEL TO PORT BOLIVAR	2930	Single	SWG	252	
CORPUS CHRISTI SHIP CHANNEL	14340	Single	SWG	4240	
FREEPORT HARBOR	6170	Single	SWG	2399	
GALVESTON HARBOR AND CHANNEL	6340	Single	SWG	5790	
GREENS BAYOU CHANNEL	88911	Single	SWG	50	
HOUSTON SHIP CHANNEL	7780	Single	SWG	8342	
MATAGORDA SHIP CHANNEL	10810	Single	SWG	4425	
MSC, CHANNEL TO RED BLUFF	8213	Single	SWG	0	
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	SWG	34	
SABINE NECHES WATERWAY	15780	Single	SWG	13421	
TEXAS CITY CHANNEL	18130	Single	SWG	2150	

**SUBTOTAL** **43777**

**VIRGIN ISLANDS**

CHRISTIANSTED HARBOR ST CROIX	74399	Single	SAJ	0
ST THOMAS HARBOR	74400	Single	SAJ	0

**SUBTOTAL** **0**

**VIRGINIA**

CAPE CHARLES CITY HARBOR	73772	Single	NAO	20
CHANNEL TO NEWPORT NEWS	73783	Single	NAO	0
HAMPTON ROADS DRIFT REMOVAL	100	Single	NAO	1121
JAMES RIVER	8430	Single	NAO	2892
LITTLE RIVER (CREEK)	73780	Single	NAO	0
NORFOLK HARBOR	12801	Single	NAO	11937
NORFOLK HARBOR PREV OF OBST & INJ DEPOSITS	15170	Single	NAO	187
POTOMAC RIVER AT ALEXANDRIA	597	Single	NAB	2
THIMBLE SHOAL CHANNEL	73800	Single	NAO	0
YORK RIVER VIRGINIA	73803	Single	NAO	1193

**SUBTOTAL** **17352**

**WASHINGTON**

ANACORTES HARBOR	67300	Single	NWS	0
BELLINGHAM HARBOR WA	1310	Single	NWS	1363
EDIZ HOOK	79205	Single	NWS	0
EVERETT HARBOR AND SNOHOMISH RIVER	5700	Single	NWS	322
FRIDAY HARBOR	24370	Single	NWS	2
GRAYS HARBOR AND CHEHALIS RIVER	6770	Single	NWS	11727
INTERNATIONAL WATER STUDIES	53900	Single	NWD	19
INTERNATIONAL WATER STUDIES	53900	Single	NWS	0
KENMORE NAVIGATION CHANNEL	87153	Single	NWS	0
LAKE CROCKETT (KEYSTONE HARBOR)	72920	Single	NWS	0
LAKE WASHINGTON SHIP CANAL	9400	Single	NWS	4999
OLYMPIA HARBOR	67310	Single	NWS	0
PUGET SOUND AND TRIBUTARY WATERS	13970	Single	NWS	996
REGIONAL SEDIMENT MANAGEMENT PROGRAM	8303	Single	NWD	1
SEATTLE HARBOR	67318	Single	NWS	690
SEATTLE HARBOR EAST WATERWAY	8264	Single	NWS	0
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76653	Single	NWS	63
TACOMA HARBOR	72902	Single	NWS	0
WILLAPA RIVER AND HARBOR	19990	Single	NWS	71
WW CON PT TOWNSEND AND OAK BAY	72903	Single	NWS	0

**SUBTOTAL** **20254**

**WISCONSIN**

ASHLAND HARBOR WISCONSIN	630	Single	LRE	323
GREEN BAY HARBOR DIKE DISPOSAL	74180	Single	LRE	0
GREEN BAY WISCONSIN	6910	Single	LRE	2086
KENOSHA HARBOR WISCONSIN	8910	Single	LRE	80
KEWAUNEE HARBOR WISCONSIN	76050	Single	LRE	120

MANITOWOC HARBOR	10510	Single	LRE	73
MILWAUKEE HARBOR	11270	Single	LRE	303
OCONTO HARBOR WISCONSIN	23370	Single	LRE	0
PORT WASHINGTON HARBOR WISCONSIN	14420	Single	LRE	0
PORT WING HARBOR WISCONSIN	74190	Single	LRE	0
SHEBOYGAN HARBOR WISCONSIN	66700	Single	LRE	482
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76655	Single	LRE	499
TWO RIVERS HARBOR WISCONSIN	18710	Single	LRE	71
<b>SUBTOTAL</b>				<b>4038</b>
<b>TOTAL</b>				<b>568234</b>

\* PWI = Corps of Engineers Project Work Identification number.

\*\* PROJECT PURPOSE = Single Purpose Navigation, or Multipurpose with or without cost allocations.

\*\*\* NAV RECOV = That portion of project operation and maintenance costs recoverable from the HMTF.

**APPENDIX C - TABLE 1S  
OPERATIONS & MAINTENANCE EXPENDITURES FOR  
US ARMY CORPS OF ENGINEERS HARBOR PROJECTS  
SHALLOW DRAFT HARBOR PROJECTS BY STATE/TERRITORY, FY 2004 (\$000)**

STATE & PROJECT NAMES	PWI*	PROJECT PURPOSE**	DIST/ DIV	NAV RECOV***
<b>ALABAMA</b>				
BAYOU CODEN	74520	Single	SAM	23
BON SECOUR RIVER	76060	Single	SAM	-37
DAUPHIN ISLAND BAY	4480	Single	SAM	174
DOG AND FOWL RIVERS	20710	Single	SAM	35
FLY CREEK	5970	Single	SAM	0
PERDIDO PASS CHANNEL	13880	Single	SAM	246
PROJECT CONDITION SURVEYS	14600	Single	SAM	338
<b>SUBTOTAL</b>				<b>778</b>
<b>ALASKA</b>				
APOON MOUTH	72786	Single	POA	0
AURORA BASIN	20960	Single	POA	0
BETHEL SMALL BOAT HARBOR	24100	Single	POA	0
CORDOVA HARBOR	87136	Single	POA	0
CRAIG HARBOR	87246	Single	POA	0
DILLINGHAM SMALL BOAT HARBOR	4800	Single	POA	696
DOUGLAS HARBOR	72789	Single	POA	0
DRY PASS ALASKA	72791	Single	POA	0
EGEGIK RIVER	72792	Single	POA	0
ELFIN COVE	72793	Single	POA	0
JUNEAU HARBOR	72797	Single	POA	0
MEKORYUK BREAKWATER	87331	Single	POA	0
METLAKATLA (OLD)	55030	Single	POA	0
MEYERS CHUCK HARBOR	22820	Single	POA	0
NAKNEK RIVER	72756	Single	POA	2
NINILCHIK HARBOR	12640	Single	POA	223
NOME HARBOR	72742	Single	POA	370
OLD HARBOR KODIAK	6501	Single	POA	0
PELICAN HARBOR	72758	Single	POA	0
PROJECT CONDITION SURVEYS	76502	Single	POA	406
PT. LIONS	87202	Single	POA	0
ROCKY PASS IN KEKU STRAIT	72762	Single	POA	0
ST. MICHAEL CANAL	72847	Single	POA	0
STIKINE RIVER SNAGGING	17500	Single	POA	0
TONGUE POINT	87583	Single	POA	0
VALDEZ HARBOR	72850	Single	POA	0
WRANGELL HARBOR	21500	Single	POA	10
<b>SUBTOTAL</b>				<b>1707</b>
<b>ARKANSAS</b>				

HELENA HARBOR	7440	Single	MVM	344
JACKSONPORT STATE PARK AR CA110	87076	Single	SWL	0
OSCEOLA HARBOR	13430	Single	MVM	547
PROJECT CONDITION SURVEYS	76505	Single	MVM	6
YELLOW BEND PORT	87282	Single	MVK	116

**SUBTOTAL** **1013**

**AMERICAN SOMOA**

AUASI HARBOR	87108	Single	POH	0
AUNUU HARBOR	87036	Single	POH	0
TAU HARBOR	87034	Single	POH	31

**SUBTOTAL** **31**

**CALIFORNIA**

BODEGA BAY	1850	Single	SPN	2850
DEBRIS TREATMENT, YUBA RIVER	20410	Single	SPK	1
FISHERMAN'S WHARF AREA	10145	Single	SPN	0
LARKSPUR FERRY CHANNEL	75536	Single	SPN	37
MONTEREY BAY HARBOR	11790	Single	SPN	0
NOYO RIVER AND HARBOR	12940	Single	SPN	19
PETALUMA RIVER	13940	Single	SPN	330
PILLAR POINT HARBOR	74701	Single	SPN	236
PROJECT CONDITION SURVEYS	76506	Single	SPL	625
PROJECT CONDITION SURVEYS	76506	Single	SPN	969
PROJECT CONDITION SURVEYS	14600	Single	SPL	0
PROJECT CONDITION SURVEYS	14600	Single	SPN	0
REDONDO BEACH KING HARBOR	74722	Single	SPL	0
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL)	8187	Single	SPK	41
SACRAMENTO RIVER DEBRIS CONTROL	15810	Single	SPK	224
SAN LEANDRO MARINA JACK D. MALTESTER CHANNEL	76063	Single	SPN	0
SAN RAFAEL CREEK	74709	Single	SPN	0
SUISUN CHANNEL (SLOUGH)	17730	Single	SPN	0

**SUBTOTAL** **5331**

**CONNECTICUT**

BRANFORD HARBOR	234	Single	NAE	0
CLINTON HARBOR	39136	Single	NAE	0
FIVE MILE RIVER	5910	Single	NAE	0
GREENWICH HARBOR	7040	Single	NAE	0
GUILFORD HARBOR	231	Single	NAE	0
MIANUS RIVER	243	Single	NAE	0
MILFORD HARBOR	244	Single	NAE	0
NORTH COVE	72430	Single	NAE	0
NORWALK HARBOR	21770	Single	NAE	145
PATCHOGUE RIVER	87008	Single	NAE	0
PROJECT CONDITION SURVEYS	76509	Single	NAE	1378
SOUTHPORT HARBOR	252	Single	NAE	47
STONINGTON HARBOR	254	Single	NAE	0
STONY CREEK	76064	Single	NAE	0

WESTCOTT COVE	256	Single	NAE	0
WESTPORT HARBOR AND SAUGATUCK RIVER	257	Single	NAE	0
<b>SUBTOTAL</b>				<b>1570</b>
<b>DELAWARE</b>				
CEDAR CREEK	87211	Single	NAP	0
LEWES AND REHOBETH CANAL	8170	Single	NAP	76
MURDERKILL RIVER	12020	Single	NAP	0
PEPPER CREEK	1048	Single	NAP	0
PROJECT CONDITION SURVEYS	76510	Single	NAB	3
WW INDIAN RIVER INLET TO REHOBOTH BAY	73861	Single	NAP	0
<b>SUBTOTAL</b>				<b>79</b>
<b>DISTRICT OF COLUMBIA</b>				
PROJECT CONDITION SURVEYS	76511	Single	NAB	29
<b>SUBTOTAL</b>				<b>29</b>
<b>FLORIDA</b>				
ANCLOTE RIVER	74478	Single	SAJ	0
APALACHICOLA BAY	430	Single	SAM	21
BLACKWATER RIVER	23230	Single	SAM	0
CEDAR ISLAND KEATON BEACH	87215	Single	SAJ	0
CENTRAL AND SOUTHERN FLORIDA	2860	Multiple w/o Alloc.	SAJ	3373
CHANNEL FROM NAPLES TO BIG MARCO PASS	12150	Single	SAJ	0
CLEARWATER PASS	3400	Single	SAJ	0
CROSS FLORIDA BARGE CANAL	4300	Single	SAJ	0
EAST PASS CHANNEL	4980	Single	SAM	125
EAU GALLIE HARBOR	74489	Single	SAJ	0
ESCAMBIA CONECUH RIVERS	5620	Single	SAM	80
FORT MYERS BEACH FL	6220	Single	SAJ	0
HORSESHOE COVE	74495	Single	SAJ	0
IWW CALOOSAHATCHEE RIVER TO ANCLOTE RIVER FL	2480	Single	SAJ	0
JOHNS PASS	1001	Single	SAJ	0
LA GRANGE BAYOU	9280	Single	SAM	0
LONG BOAT PASS	23100	Single	SAJ	0
NEW PASS	74483	Single	SAJ	0
OKEECHOBEE WATERWAY FL	13240	Single	SAJ	3016
OKLAWAHA RIVER FL	13250	Single	SAJ	0
PANCEA HARBOR	7510	Single	SAM	0
PROJECT CONDITION SURVEYS	14600	Single	SAJ	729
REMOVAL OF AQUATIC GROWTH	15170	Single	SAJ	3300
ST LUCIE INLET FL	17370	Single	SAJ	5
ST MARKS RIVER	74542	Single	SAM	0
ST. AUGUSTINE HARBOR	75027	Single	SAJ	0
STEINHATCHEE RIVER	74508	Single	SAJ	0
SUWANNEE RIVER	74391	Single	SAJ	100
WITHLACOOCHIE RIVER	74393	Single	SAJ	0
CRYSTAL RIVER	74488	Single	SAJ	0
<b>SUBTOTAL</b>				<b>10749</b>

<b>GEORGIA</b>				
HARTWELL LAKE	7380	Multi. w/ Alloc.	SAS	54
J STROM THURMOND DAM AND RESERVOIR	3350	Multi w/ Alloc.	SAS	214
PROJECT CONDITION SURVEYS	76513	Single	SAS	0
SAVANNAH RIVER BELOW AUGUSTA	16450	Single	SAS	132
<b>SUBTOTAL</b>				<b>399</b>
<b>GUAM</b>				
AGANA SMALL BOAT HARBOR	73002	Single	POH	0
AGAT SBH	83132	Single	POH	0
<b>SUBTOTAL</b>				<b>0</b>
<b>HAWAII</b>				
HALEIWA SMALL BOAT HARBOR	73356	Single	POH	0
KALAUPAPA HARBOR	8700	Single	POH	0
KAWAIHAE SMALL BOAT HARBOR	901	Single	POH	0
LAUPAHOEHOE HARBOR	87401	Single	POH	0
MANELE SB HARBOR	21050	Single	POH	112
NAWILIWILI SB HARBOR	90018	Single	POH	0
POHOIKI BAY	62025	Single	POH	0
PROJECT CONDITION SURVEYS	76515	Single	POH	401
WAIANAEO BOAT HARBOR	73328	Single	POH	0
<b>SUBTOTAL</b>				<b>513</b>
<b>ILLINOIS</b>				
ANDALUSIA HARBOR	88826	Single	MVR	0
ILLINOIS AND MISSISSIPPI CANAL IL	47032	Single	MVR	0
LAKE MICHIGAN DIVERSION	8218	Single	LRC	406
PROJECT CONDITION SURVEYS	76517	Single	LRC	28
ROCK ISLAND SMALL BOAT HARBOR	88825	Single	MVR	0
SAVANNA SMALL BOAT HARBOR	88822	Single	MVR	0
WARSAW HARBOR	74235	Single	MVR	0
<b>SUBTOTAL</b>				<b>434</b>
<b>INDIANA</b>				
BURNS WATERWAY SBH	87387	Single	LRC	-1
PROJECT CONDITION SURVEYS	76518	Single	LRC	51
<b>SUBTOTAL</b>				<b>49</b>
<b>IOWA</b>				
DAVENPORT SMALL BOAT HARBOR	88824	Single	MVR	0
FT MADISON	88828	Single	MVR	47
LANSING SMALL BOAT HARBOR	88818	Single	MVP	0
MUSCATINE HBR	88827	Single	MVR	0
<b>SUBTOTAL</b>				<b>47</b>
<b>KENTUCKY</b>				
BIG SANDY HARBOR	10222	Single	LRH	1150

ELVIS STAHR HARBOR	22020	Single	MVM	382
PROJECT CONDITION SURVEYS	76521	Single	MVM	6
<b>SUBTOTAL</b>				<b>1538</b>

**LOUISIANA**

BARATARIA BAY BAY WATERWAY	900	Single	MVN	192
BAYOU LACOMBE	158	Single	MVN	0
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY	2310	Single	MVN	105
BAYOU SEGNETTE WATERWAY	24	Single	MVN	70
BAYOU TECHE AND VERMILION RIVER	1160	Single	MVN	5
BAYOU TECHE LA	1150	Single	MVN	995
CADDO LAKE	2330	Multi w/o Alloc.	MVK	0
FRESHWATER BAYOU	6200	Single	MVN	2149
LAKE PROVIDENCE HARBOR LA	9360	Single	MVK	306
MADISON PARISH PORT LA	87168	Single	MVK	74
MISS RIVER OUTLETS AT VENICE LA	63	Single	MVN	243
PROJECT CONDITION SURVEYS	14600	Single	MVN	23
REMOVAL OF AQUATIC GROWTH	15170	Single	MVN	1317
TANGIPAHOA RIVER	17970	Single	MVN	7
TCHEFUNCTE RIVER AND BOGUE FALIA	174	Single	MVN	0
TICKFAW, NATALBANY, PONCHATOULA, & BLOOD RIVER	201	Single	MVN	0
WATERWAY FROM EMPIRE TO THE GULF	202	Single	MVN	0
WATERWAY FROM IWW TO BAYOU DULAC	188	Single	MVN	655

<b>SUBTOTAL</b>				<b>6141</b>
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**MAINE**

BAGADUCE RIVER	325	Single	NAE	0
BAR HARBOR	87564	Single	NAE	0
BASS HARBOR BAR	327	Single	NAE	0
BEALS HARBOR	328	Single	NAE	0
BELFAST HARBOR	21750	Single	NAE	0
CAMDEN HARBOR	332	Single	NAE	0
CATHANCE RIVER	336	Single	NAE	0
COREA HARBOR	338	Single	NAE	0
CRIEHAVEN HARBOR	339	Single	NAE	0
DAMARISTCOTTA RIVER	351	Single	NAE	0
FRENCHBORO HARBOR	74956	Single	NAE	0
INTL ST CROIX RVR BOARD	53900	Single	NAE	16
ISLE AU HAUT THOROUGHFARE	347	Single	NAE	0
ISLE OF SHOALS HARBOR	8280	Single	NAE	0
JONESPORT HARBOR	76092	Single	NAE	0
JOSIAS RIVER	39054	Single	NAE	0
KENNEBUNK RIVER	8900	Single	NAE	102
LUBEC CHANNEL	354	Single	NAE	0
MACHIAS RIVER	355	Single	NAE	0
MATINICUS HARBOR	356	Single	NAE	0
MEDOMAK RIVER	357	Single	NAE	0
MOOSABEC BAR	358	Single	NAE	0
NARRAGUAGUS RIVER	359	Single	NAE	845



NEW HARBOR	362	Single	NAE	0
NORTHEAST HARBOR	363	Single	NAE	0
OWL'S HEAD HARBOR	13490	Single	NAE	0
PEPPERELL COVE	13870	Single	NAE	0
PROJECT CONDITION SURVEYS	76523	Single	NAE	456
RICHMOND HARBOR	371	Single	NAE	0
SACO RIVER	15860	Single	NAE	0
SASANOVA RIVER	376	Single	NAE	0
SCARBOROUGH RIVER	21800	Single	NAE	123
SOUTH BRISTOL HARBOR	378	Single	NAE	0
SOUTHWEST HARBOR	381	Single	NAE	0
ST CROIX RIVER	382	Single	NAE	0
STONINGTON HARBOR	87306	Single	NAE	0
UNION HARBOR	387	Single	NAE	0
WELLS HARBOR	39023	Single	NAE	135
WOOD ISLAND HARBOR	391	Single	NAE	0
YORK HARBOR	72501	Single	NAE	0

**SUBTOTAL**

**1677**

**MARYLAND**

BACK CREEK	73551	Single	NAB	0
BLACK WALNUT HARBOR	30290	Single	NAB	0
BROAD CREEK MARYLAND	73554	Single	NAB	0
CHESTER RIVER	73557	Single	NAB	0
CHOPTANK RIVER	26040	Single	NAB	0
CLAIBORNE HARBOR TALBOT COUNTY	73560	Single	NAB	0
CLAIRBORNE HARBOR	73560	Single	NAB	0
CORSICA RIVER	73561	Single	NAB	0
CRISFIELD HARBOR	73559	Single	NAB	18
ELK RIVER, CECIL CO DREDGING/SHOAL REMOVAL	8330	Single	NAB	161
FISHING BAY	73583	Single	NAB	0
FISHING CREEK MD	73584	Single	NAB	247
HERRING BAY AND ROCKHOLD CREEK	73585	Single	NAB	0
HERRING CREEK MD	73586	Single	NAB	0
HERRING CREEK TALL TIMBERS	62011	Single	NAB	258
HONGA RIVER AND TAR BAY	22690	Single	NAB	3567
ISLAND CREEK ST GEORGE	73588	Single	NAB	0
KNAPPS NARROWS	73589	Single	NAB	66
LATRAPPE RIVER	50030	Single	NAB	0
LOWER THOROFARE DEAL ISLAND MD	73592	Single	NAB	0
LOWES WHARF	73593	Single	NAB	0
MANOKIN RIVER	73594	Single	NAB	0
MUDDY HOOK AND TYLER COVES	40025	Single	NAB	157
NAN COVE	8261	Single	NAB	0
NANTICOKE AT NANTICOKE	73564	Single	NAB	1
NANTICOKE RIVER AT BIVALVE MD	73565	Single	NAB	0
NANTICOKE RIVER NORTHWEST FORK	73549	Single	NAB	0
NEALE SOUND MD	73566	Single	NAB	20
NORTHEAST RIVER	27009	Single	NAB	0

OCEAN CITY HARBOR AND INLET AND SINEPUXENT	73567	Single	NAB	118
PARISH CREEK	73568	Single	NAB	40
POCOMOKE RIVER	73570	Single	NAB	835
PROJECT CONDITION SURVEYS	76524	Single	NAB	312
PROJECT CONDITION SURVEYS	14600	Single	NAB	0
QUEENSTOWN HARBOR MD	73572	Single	NAB	0
RHODES PT TO TYLERTON	73574	Single	NAB	0
ROCKHALL HARBOR	87027	Single	NAB	0
SHALLOW CREEK	87544	Single	NAB	0
SLAUGHTER CREEK	27010	Single	NAB	0
ST CATHERINES SOUND MD	394	Single	NAB	0
ST JEROME	73579	Single	NAB	45
ST MICHAELS HARBOR	44444	Single	NAB	0
ST. PATRICKS CREEK MD	73596	Single	NAB	0
TILGHMAN ISLAND HARBOR	40108	Single	NAB	55
TOWN CREEK MD	73598	Single	NAB	0
TRED AVON RIVER	73600	Single	NAB	0
TWITCH COVE AND BIG THOROFARE	73602	Single	NAB	0
UPPER THOROFARE RIVER MD	73604	Single	NAB	620
WARWICK RIVER MD	73605	Single	NAB	0
WICOMICO RIVER	73606	Single	NAB	426

**SUBTOTAL**

**6946**

**MASSACHUSETTS**

ANDREWS RIVER	87009	Single	NAE	0
AUNT LYDIAS COVE	87674	Single	NAE	237
CHATHAM (STAGE) HARBOR	39001	Single	NAE	0
COHASSET HARBOR	3560	Single	NAE	0
CUTTYHUNK HARBOR	409	Single	NAE	0
DUXBURY HARBOR	5080	Single	NAE	0
ESSEX RIVER	412	Single	NAE	0
FALMOUTH HARBOR	415	Single	NAE	0
GREEN HARBOR	6920	Single	NAE	280
HYANNIS HARBOR	421	Single	NAE	0
LAGOON POND, MARTHA'S VINEYARD	9280	Single	NAE	0
LITTLE HARBOR	425	Single	NAE	0
MENEMSHA CREEK	427	Single	NAE	0
MERRIMACK RIVER	428	Single	NAE	0
NEWBURYPORT HARBOR	39018	Single	NAE	0
PROJECT CONDITION SURVEYS	76525	Single	NAE	863
ROYAL RIVER	15640	Single	NAE	0
SCITUATE HARBOR	39065	Single	NAE	0
SESUIT HARBOR	8193	Single	NAE	0
WELLFLEET HARBOR	452	Single	NAE	0
WINTHROP HARBOR WINTHROP MA	87329	Single	NAE	0
REMOVAL OF SUNKEN VESSELS	15180	Single	NAE	2

**SUBTOTAL**

**1382**

**MICHIGAN**

ARCADIA HARBOR MICHIGAN	46063	Single	LRE	78
AU SABLE HARBOR MICHIGAN	770	Single	LRE	0
BAY PORT HARBOR MICHIGAN	76062	Single	LRE	0
BELLE RIVER	74197	Single	LRE	0
BIG BAY HARBOR MICHIGAN	1410	Single	LRE	0
BLACK RIVER UPPER PENINSULA MICHIGAN	1640	Single	LRE	0
BOLLES HARBOR MICHIGAN	87750	Single	LRE	206
CASEVILLE HARBOR MICHIGAN	74199	Single	LRE	0
CEDAR RIVER HARBOR	2820	Single	LRE	0
CHIPPEWA HARBOR	74300	Single	LRE	0
CLINTON RIVER MICHIGAN	3490	Single	LRE	0
DETOUR HARBOR MICHIGAN	4680	Single	LRE	0
EAGLE HARBOR MICHIGAN	22870	Single	LRE	0
GRAND TRAVERSE BAY HARBOR MICHIGAN	6730	Single	LRE	0
GREAT LAKES RECREATIONAL BOATING	10661	Single	LRE	0
GREILICKVILLE (TRAVERSE CITY) HARBOR MICHIGAN	46103	Single	LRE	0
HAMMOND BAY HARBOR MICHIGAN	74208	Single	LRE	0
HARRISVILLE HARBOR MICHIGAN	53550	Single	LRE	0
INLAND ROUTE MICHIGAN	48140	Single	LRE	29
LAC LABELLE HARBOR MICHIGAN	9210	Single	LRE	7
LELAND HARBOR MICHIGAN	46018	Single	LRE	133
LES CHENEAUX ISLAND	9669	Single	LRE	0
LEXINGTON HARBOR MICHIGAN	74006	Single	LRE	-6
LEXINGTON HARBOR MITIGATION OF SHORE DAMAGE	73909	Single	LRE	0
LITTLE LAKE HARBOR MICHIGAN	9890	Single	LRE	125
MACKINAC ISLAND HARBOR MICHIGAN	74211	Single	LRE	0
MACKINAW CITY HARBOR	10370	Single	LRE	0
NEW BUFFALO HARBOR	1020	Single	LRE	0
PETOSKEY HARBOR MICHIGAN	74170	Single	LRE	0
PINE RIVER	74212	Single	LRE	0
POINT LOOKOUT HARBOR MICHIGAN	14220	Single	LRE	0
PORT AUSTIN HARBOR MICHIGAN	74213	Single	LRE	230
PORT SANILAC HARBOR MICHIGAN	46039	Single	LRE	0
PORT SANILAC HARBOR MITIGATION OF SHORE DAMAGE	14410	Single	LRE	0
PROJECT CONDITION SURVEYS	76526	Single	LRE	168
PROJECT CONDITION SURVEYS	14600	Single	LRE	0
SAUGATUCK HARBOR MICHIGAN	16390	Single	LRE	238
SEBEWAING RIVER MICHIGAN	76061	Single	LRE	0
ST. JAMES HARBOR MICHIGAN	74219	Single	LRE	0
TAWAS BAY HARBOR	74019	Single	LRE	0
WHITEFISH POINT HARBOR MICHIGAN	19850	Single	LRE	0

**SUBTOTAL**

**1207**

**MINNESOTA**

BAUDETTE SMALL BOAT HARBOR	74312	Single	MVP	0
HASTINGS SMALL BOAT HARBOR	88808	Single	MVP	0
KNIFE RIVER HARBOR	76028	Single	LRE	0
LAKE CITY SMALL BOAT HARBOR	88812	Single	MVP	0
MINNESOTA RIVER	11310	Single	MVP	111

PROJECT CONDITION SURVEYS	76527	Single	LRE	3
PROJECT CONDITION SURVEYS	76527	Single	MVP	12
RED WING COMMERCIAL HARBOR	88809	Single	MVP	0
RED WING SMALL BOAT HARBOR	88810	Single	MVP	0
ST PAUL SMALL BOAT HARBOR	88807	Single	MVP	0
ST. CROIX RIVER	17310	Single	MVP	0
WARROAD HARBOR MN	48011	Single	MVP	0
WINONA COMMERCIAL HARBOR	88817	Single	MVP	0
WINONA SMALL BOAT HARBOR	88816	Single	MVP	0
ZIPPEL BAY BOAT HARBOR	87343	Single	MVP	0
WABASHA SMALL BOAT HARBOR	88814	Single	MVP	0
<b>SUBTOTAL</b>				<b>127</b>

**MISSISSIPPI**

BILOXI HARBOR	1520	Single	SAM	332
CADET BAYOU	20600	Single	SAM	0
CLAIRBORNE COUNTY PORT	87249	Single	MVK	0
MOUTH OF YAZOO RIVER	493	Single	MVK	47
PROJECT CONDITION SURVEYS	76528	Single	MVM	5
ROSEDALE HARBOR MS	87072	Single	MVK	414
WOLF AND JORDAN RIVERS	20160	Single	SAM	576
PASS CHRISTIAN HARBOR	76002	Single	SAM	0

**SUBTOTAL**

**1375**

**MISSOURI**

CARUTHERSVILLE HARBOR	87092	Single	MVM	287
NEW MADRID HARBOR	33012	Single	MVM	258
PROJECT CONDITION SURVEYS	76529	Single	MVM	6
SMALL BOAT HARBOR HANNIBAL CA040	88830	Single	MVR	0
SOUTHEAST MO PORT	87404	Single	MVS	148

**SUBTOTAL**

**699**

**NEW HAMPSHIRE**

BELLAMY RIVER	504	Single	NAE	0
COCHECO RIVER	505	Single	NAE	107
EXETER RIVER	506	Single	NAE	0
HAMPTON HARBOR	39063	Single	NAE	0
LAMPREY RIVER	508	Single	NAE	0
LITTLE HARBOR	509	Single	NAE	0
PROJECT CONDITION SURVEYS	76533	Single	NAE	108
RYE HARBOR	513	Single	NAE	0
WINNIPESAUKEE LAKE	79090	Single	NAE	0

**SUBTOTAL**

**216**

**NEW JERSEY**

BARNEGAT INLET	950	Single	NAP	5872
BIG TIMBER CREEK	73869	Single	NAP	0
CHEESEQUAKE CREEK NJ	73626	Single	NAN	0
COOPER RIVER	73870	Single	NAP	0

KEYPORT HARBOR	8980	Single	NAN	0
MANASQUAN RIVER	10450	Single	NAP	158
MATAWAN CREEK	10410	Single	NAN	0
MAURICE RIVER	73841	Single	NAP	0
NJ INTRACOASTAL WATERWAY	8190	Single	NAP	1881
PROJECT CONDITION SURVEYS	76534	Single	NAN	712
RACoon CREEK	73892	Single	NAP	0
SANDY HOOK BAY	21880	Single	NAN	0
SANDY HOOK BAY AT LEONARDO	73667	Single	NAN	60
SHARK RIVER	41007	Single	NAN	63
SHOAL HARBOR AND COMPTON CREEK	41035	Single	NAN	0
TOMS RIVER	73894	Single	NAP	0
TUCKERTON CREEK NJ	18580	Single	NAP	0
<b>SUBTOTAL</b>				<b>8745</b>

**NEW YORK**

BARCELONA HARBOR	44036	Single	LRB	3
BRONX RIVER	41057	Single	NAN	0
BROWNS CREEK	41022	Single	NAN	234
CATSKILL CREEK	80250	Single	NAN	0
CATTARAUGUS CREEK HARBOR	73920	Single	LRB	5
CONEY ISLAND CREEK	73680	Single	NAN	0
EAST ROCKAWAY INLET	5220	Single	NAN	336
EASTCHESTER CREEK	41004	Single	NAN	0
ECHO BAY HARBOR	73684	Single	NAN	0
FIRE ISLAND INLET	5890	Single	NAN	0
FIRE ISLAND INLET TO JONES INLET	5880	Multi w/o Alloc.	NAN	2751
GLEN COVE CREEK	73686	Single	NAN	92
GREAT CHAZY RIVER	73689	Single	NAN	0
GREAT KILLS HARBOR	73690	Single	NAN	126
GREAT LAKES TO HUDSON RIVER WATERWAY	10037	Single	NAN	0
GREAT SOUTH BAY	60570	Single	NAN	100
GREENPORT HARBOR	73692	Single	NAN	0
HEMPSTEAD HARBOR	73695	Single	NAN	0
HUNTINGTON HARBOR	73699	Single	NAN	0
IRONDEQUOIT BAY HARBOR	8220	Single	LRB	0
JONES INLET NY	41006	Single	NAN	0
LAKE MONTAUK HARBOR	9340	Single	NAN	206
LITTLE NECK BAY	9900	Single	NAN	0
LONG ISLAND INTRACOASTAL WATERWAY	10040	Single	NAN	1041
MAMARONECK HARBOR	41005	Single	NAN	0
MATTITUCK HARBOR	41082	Single	NAN	608
MILTON HARBOR	11250	Single	NAN	0
MORICHES INLET	11840	Single	NAN	822
NARROWS OF LAKE CHAMPLAIN	12200	Single	NAN	68
NEW ROCHELLE HARBOR	41031	Single	NAN	0
NEW YORK STATE BARGE CANAL	6840	Single	NAN	0
NIAGARA RIVER	74081	Single	LRB	0
NORTHPORT HARBOR	73743	Single	NAN	0

OAK ORCHARD HARBOR	12980	Single	LRB	151
OLCOTT HARBOR	44066	Single	LRB	5
PEEKSKILL HARBOR	73745	Single	NAN	0
PLATTSBURGH HARBOR	73746	Single	NAN	50
PORTCHESTER HARBOR	73747	Single	NAN	0
PROJECT CONDITION SURVEYS	76536	Single	LRB	184
PROJECT CONDITION SURVEYS	76536	Single	NAN	885
PROJECT CONDITION SURVEYS	14600	Single	LRB	0
PROJECT CONDITION SURVEYS	14600	Single	NAN	10
RONDOUT HARBOR	73705	Single	NAN	63
ROUSSES POINT NY	73707	Single	NAN	0
SACKETS HARBOR NY	73935	Single	LRB	0
SAG HARBOR	73708	Single	NAN	328
SAUGERTIES HARBOR	73709	Single	NAN	0
SHEEPSHEAD BAY	73710	Single	NAN	0
SHINNECOCK INLET	73644	Single	NAN	2402
STURGEON POINT SMALL BOAT HARBOR	87433	Single	LRB	12
TARRYTOWN HARBOR	41083	Single	NAN	0
WALLKILL RIVER	41011	Single	NAN	0
WAPPINGER CREEK	73715	Single	NAN	0
WESTCHESTER CREEK	41003	Single	NAN	0
WILSON HARBOR	73938	Single	LRB	3
<b>SUBTOTAL</b>				<b>10486</b>

**NORTH CAROLINA**

ATLANTIC BEACH CHANNELS NC	7604	Single	SAW	0
AVON HARBOR	76024	Single	SAW	0
BELHAVEN HARBOR NC	1290	Single	SAW	0
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT NC	2890	Single	SAW	0
CHANNEL FROM PAMLICO SOUND TO RODANTHE NC	74599	Single	SAW	0
CHOWAN RIVER VA AND NC	73752	Single	SAW	0
DRUM INLET NC	80871	Single	SAW	0
FAR CREEK NC	74605	Single	SAW	0
FISHING CREEK	74606	Single	SAW	0
LOCKWOODS FOLLY RIVER	10020	Single	SAW	813
MANTEO (SHALLOWBAG) BAY NC	10580	Single	SAW	8427
NEUSE RIVER NC	74612	Single	SAW	0
OCRACOKE INLET NC	529	Single	SAW	0
PAMLICO AND TAR RIVERS NC	74615	Single	SAW	60
PROJECT CONDITION SURVEYS	14600	Single	SAW	84
ROANOKE RIVER NC	22510	Single	SAW	7
ROLLINSON CHANNEL	15490	Single	SAW	221
SHALLOTTE RIVER	74622	Single	SAW	0
SILVER LAKE HARBOR NC	16800	Single	SAW	0
STUMPY POINT BAY NC	74626	Single	SAW	0
WATERWAY CONNECTING SWANQUARTER BAY WITH DEEP BAY	74637	Single	SAW	0
WW CONNECTING PAMLICO SOUND AND BEAUFORT HBR	74632	Single	SAW	0
REMOVAL OF SUNKEN VESSELS	1202	Single	SAW	63

<b>SUBTOTAL</b>				<b>9676</b>
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<b>NORTH DAKOTA</b>				
SURVEILLANCE OF NORTHERN BOUNDARY WATERS	76638	Single	MVP	28
<b>SUBTOTAL</b>				<b>28</b>
<b>OHIO</b>				
COOLEY CANAL	1093	Single	LRB	265
PORT CLINTON HARBOR	21540	Single	LRB	20
PORTSMOUTH HARBOR	10221	Single	LRH	-1
PROJECT CONDITION SURVEYS	76539	Single	LRB	109
PUT IN BAY	8296	Single	LRB	0
ROCKY RIVER OH	44072	Single	LRB	290
TOUSSAINT RIVER	87453	Single	LRB	199
VERMILION HARBOR	44003	Single	LRB	298
WEST HARBOR	74025	Single	LRB	320
<b>SUBTOTAL</b>				<b>1500</b>
<b>OREGON</b>				
CHETCO RIVER OR	3130	Single	NWP	374
COOS AND MILLICOMA RIVERS OR	3870	Single	NWP	0
COQUILLE RIVER OR	3900	Single	NWP	281
DEPOE BAY OR	4610	Single	NWP	1467
PROJECT CONDITION SURVEYS	76541	Single	NWP	37
ROGUE RIVER AT GOLD BEACH OR	15600	Single	NWP	374
YAQUINA RIVER OR	20300	Single	NWP	65
<b>SUBTOTAL</b>				<b>2599</b>
<b>PENNSYLVANIA</b>				
PROJECT CONDITION SURVEYS	76542	Single	LRB	21
PROJECT CONDITION SURVEYS	14600	Single	NAP	7
<b>SUBTOTAL</b>				<b>28</b>
<b>PUERTO RICO</b>				
AGUADILLA HARBOR	87427	Single	SAJ	0
<b>SUBTOTAL</b>				<b>0</b>
<b>RHODE ISLAND</b>				
BULLOCKS POINT COVE	556	Single	NAE	9
GREENWICH BAY	561	Single	NAE	0
LITTLE NARRAGANSETT BAY	562	Single	NAE	0
PAWCATUCK RIVER	563	Single	NAE	0
PAWTUXET COVE	564	Single	NAE	17
PROJECT CONDITION SURVEYS	76544	Single	NAE	339
<b>SUBTOTAL</b>				<b>365</b>
<b>SOUTH CAROLINA</b>				
ADAMS CREEK	20460	Single	SAC	0
BROOKGREEN GARDEN CANAL	87533	Single	SAC	0
FOLLY RIVER SC	87088	Single	SAC	355

JEREMY CREEK SC	88855	Single	SAC	0
LITTLE RIVER INLET SC	9930	Single	SAC	2
LYNCHES RIVER AND CLARK CREEK	90013	Single	SAC	0
MURRELLS INLET SC	12030	Single	SAC	19
PROJECT CONDITION SURVEYS	14600	Single	SAC	214
REMOVAL OF SUNKEN VESSELS	18000	Single	SAC	1
TOWN CREEK SC	73598	Single	SAC	369
VILLAGE CREEK	19150	Single	SAC	0
WACCAMAW RIVER	90006	Single	SAC	0
<b>SUBTOTAL</b>				<b>960</b>
<b>TENNESSEE</b>				
PROJECT CONDITION SURVEYS	76547	Single	MVM	6
WOLF RIVER HARBOR	20150	Single	MVM	277
<b>SUBTOTAL</b>				<b>283</b>
<b>TEXAS</b>				
BENBROOK LAKE	1350	Multi w/o Alloc.	SWF	0
CEDAR BAYOU	2810	Single	SWG	1
CLEAR CREEK AND CLEAR LAKE	3330	Single	SWG	0
DOUBLE BAYOU	4930	Single	SWG	0
FERRELLS BRIDGE DAM LAKE O'THE PINES	5850	Multi. w/o Alloc.	SWF	5
GRAPEVINE LAKE	6760	Multi w/o Alloc.	SWF	0
PROJECT CONDITION SURVEYS	14600	Single	SWG	10
SAM RAYBURN DAM AND RESERVOIR	16040	Multi. w/ Alloc.	SWF	0
TRINITY RIVER AND TRIBUTARIES	18510	Single	SWG	4331
WALLISVILLE LAKE	19380	Multi. w/ Alloc.	SWG	547
<b>SUBTOTAL</b>				<b>4895</b>
<b>VERMONT</b>				
BURLINGTON HARBOR BREAKWATER	73727	Single	NAN	0
<b>SUBTOTAL</b>				<b>0</b>
<b>VIRGINIA</b>				
ABERDEEN CREEK	76010	Single	NAO	0
ACCOMACK CO	10095	Single	NAO	0
APPOMATTOX RIVER	30580	Single	NAO	502
BENNETTS CREEK	87461	Single	NAO	8
BLACKWATER RIVER VA	27028	Single	NAO	0
BONUM CREEK	50045	Single	NAB	433
BROAD CREEK MARYLAND	582	Single	NAO	0
CHESCONESSEX CREEK	87303	Single	NAO	0
CHINCOTEAGUE BAY CHANNEL	10890	Single	NAO	0
CHINCOTEAGUE HARBOR OF REFUGE	179117	Single	NAO	0
CHINCOTEAGUE INLET	76106	Single	NAO	242
CHOWAN RIVER VA AND NC	73752	Single	NAO	0
CRANES CREEK	585	Single	NAO	0
DAVIS CREEK	42017	Single	NAO	49
FINNEY CREEK	87509	Single	NAO	0



GREENVALE CREEK	76345	Single	NAO	0
HAMPTON CREEK	73775	Single	NAO	44
HORN HARBOR	73776	Single	NAO	0
HOSKINS CREEK	20920	Single	NAO	920
JACKSON CREEK VA	27031	Single	NAO	0
LAFAYETTE RIVER	73778	Single	NAO	0
LITTLE WICOMICO RIVER	9980	Single	NAB	3
LYNNHAVEN INLET	10310	Single	NAO	189
MONROE BAY AND CREEK VA	592	Single	NAB	0
NANDUA CREEK	73782	Single	NAO	0
NANSEMOND RIVER	73784	Single	NAO	0
NEABSCO CREEK	73542	Single	NAB	0
NOTTOWAY RIVER	73789	Single	NAO	0
OCCOQUAN CREEK	595	Single	NAB	37
ONANCOCK RIVER	73791	Single	NAO	0
OYSTER CHANNEL VA	73792	Single	NAO	214
PAGAN RIVER	73793	Single	NAO	168
PARKER CREEK	76011	Single	NAO	0
POTOMAC RIVER AT MT VERNON	598	Single	NAB	0
PROJECT CONDITION SURVEYS	14600	Single	NAO	603
QUEENS CREEK	795	Single	NAO	0
QUINBY CREEK	14770	Single	NAO	46
RUDEE INLET	87455	Single	NAO	878
STARLINGS CREEK	42001	Single	NAO	0
TANGIER CHANNEL	27650	Single	NAO	20
TYLERS BEACH	76107	Single	NAO	45
WATERWAY ON THE COAST OF VIRGINIA	19550	Single	NAO	1816
WHITINGS CREEK	605	Single	NAO	0
WILLOUGHBY CHANNEL	73801	Single	NAO	0
WINTER HARBOR	73802	Single	NAO	0
NEWPORT NEWS	75117	Single	NAO	37
<b>SUBTOTAL</b>				<b>6255</b>
<b>WASHINGTON</b>				
COLUMBIA RIVER AT BAKER BAY	3570	Single	NWP	62
COLUMBIA RIVER BETWEEN CHINOOK AND SAND ISLAND WA	23080	Single	NWP	650
ELOCHOMAN SLOUGH WA	72866	Single	NWP	0
NEAH BAY	67314	Single	NWS	179
PORT TOWNSEND	72895	Single	NWS	0
PROJECT CONDITION SURVEYS	76553	Single	NWS	287
QUILLAYUTE RIVER	14760	Single	NWS	81
SKAMOKAWA CREEK	16910	Single	NWP	0
SWINOMISH CHANNEL	17870	Single	NWS	551
<b>SUBTOTAL</b>				<b>1811</b>
<b>WEST VIRGINIA</b>				
CHARLESTON RIVERFRONT PARK	10307	Single	LRH	0
ELK RIVER HARBOR	88833	Single	LRH	0
<b>SUBTOTAL</b>				<b>0</b>

**WISCONSIN**

ALGOMA HARBOR WISCONSIN	74177	Single	LRE	0
ALMA SMALL BOAT HARBOR	88815	Single	MVP	0
BAYFIELD HARBOR	74320	Single	LRE	0
BIG SUAMICO WISCONSIN	612	Single	LRE	0
CORNUCOPIA HARBOR WISCONSIN	3970	Single	LRE	0
LA POINT HARBOR WISCONSIN	9450	Single	LRE	0
PENSAUKEE HARBOR WISCONSIN	74189	Single	LRE	0
PEPIN SMALL BOAT HARBOR	88813	Single	MVP	0
PRAIRIE DU CHIEN COMMERCIAL HARBOR	88820	Single	MVP	0
PRAIRIE DU CHIEN SMALL BOAT HARBOR	88819	Single	MVP	0
PROJECT CONDITION SURVEYS	76555	Single	LRE	24
PROJECT CONDITION SURVEYS	76555	Single	MVP	4
SAXON HARBOR WISCONSIN	16500	Single	LRE	0
FOX RIVER WISCONSON	6610	Single	LRE	16219

**SUBTOTAL****16247****TOTAL****107914**

\* PWI = Corps of Engineers Project Work Identification number.

\*\* PROJECT PURPOSE = Single Purpose Navigation, or Multipurpose with or without cost allocations.

\*\*\* NAV RECOV = That portion of project operation and maintenance costs recoverable from the HMTF.

**Appendix D**

**Federal Share of Expenditures for Construction  
(Funded from the Construction, General Account)  
of U.S. Army Corps of Engineers Dredged Material Disposal Facilities (DMDF)  
Necessary for Navigation Operation and Maintenance**

**Fiscal Years 2003 and 2004**

**APPENDIX D**  
**FEDERAL SHARE OF EXPENDITURES FOR CONSTRUCTION**  
**(FUNDED FROM THE CONSTRUCTION, GENERAL ACCOUNT)**  
**OF U.S. ARMY CORPS OF ENGINEERS DREDGED MATERIAL DISPOSAL FACILITIES (DMDF)**  
**NECESSARY FOR NAVIGATION OPERATION AND MAINTENANCE**  
**FY 2003 AND FY 2004 (\$000)**

STATE AND PROJECT NAMES	PWI	DIV/DIST	NAV RECOV	
			FY 2003	FY 2004
<b>GEORGIA</b>				
SAVANNAH HARBOR DISPOSAL AREA	13737	SAS	0	24
<b>SUBTOTAL</b>			<b>0</b>	<b>24</b>
<b>INDIANA</b>				
INDIANA HARBOR	75535	LRC	5,942	5,293
MICHIGAN CITY HARBOR	76348	LRC	1	0
<b>SUBTOTAL</b>			<b>5,943</b>	<b>5,293</b>
<b>TOTAL</b>			<b>5,943</b>	<b>5,317</b>

