



Oil Pollution Act Liability Limits in 2013

Report to Congress
November 20, 2013



U. S. Coast Guard

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Foreword

I am pleased to present the following report, “Oil Pollution Act Liability Limits in 2013,” which has been prepared by the United States Coast Guard.

Section 603(c) of the *Coast Guard and Maritime Transportation Act of 2006* (Pub. L. 109-241) directs the Commandant to provide an analysis of the extent to which oil discharges from vessels and non-vessel sources have or are likely to result in removal costs and damages for which no defense to liability exists and that exceed the established liability limits.

Pursuant to congressional requirements, this report is being provided to the following Members of Congress:

The Honorable John D. Rockefeller IV
Chairman, Senate Committee on Commerce, Science, and Transportation

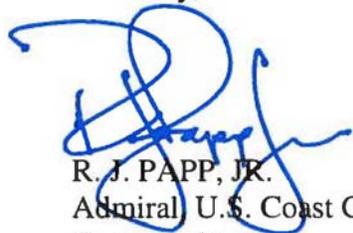
The Honorable John Thune
Ranking Member, Senate Committee on Commerce, Science, and Transportation

The Honorable Bill Shuster
Chairman, House Committee on Transportation and Infrastructure

The Honorable Nick J. Rahall II
Ranking Member, House Committee on Transportation and Infrastructure.

I am happy to answer any further questions you may have, or your staff may contact my Senate Liaison Office at (202) 224-2913 or House Liaison Office at (202) 225-4775.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. J. Papp, Jr.", is written over the typed name and title.

R. J. PAPP, JR.
Admiral, U.S. Coast Guard
Commandant





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I. Legislative Language

This report responds to the language set forth in section 603(c) of the *Coast Guard and Maritime Transportation Act of 2006*, (Pub. L. 109-241), which states:

SEC. 603. LIMITS ON LIABILITY.

(c) REPORT.—

1. Initial Report. – Not later than 45 days after the date of enactment of this Act, the Secretary of the department in which the Coast Guard is operating shall submit a report on liability limits described in paragraph (2) to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.
2. Contents. – The report shall include, at a minimum, the following:
 1. An analysis of the extent to which oil discharges from vessels and nonvessel sources have or are likely to result in removal costs and damages (as defined in section 1001 of the Oil Pollution Act of 1990 (33 U.S.C. 2701)) for which no defense to liability exists under section 1003 of such Act and that exceed the liability limits established in section 1004 of such Act, as amended by this section.
 2. An analysis of the impacts that claims against the Oil Spill Liability Trust Fund for amounts exceeding such liability limits will have on the Fund.
 3. Based on analyses under this paragraph and taking into account other factors impacting the Fund, recommendations on whether the liability limits need to be adjusted in order to prevent the principal of the Fund from declining to levels that are likely to be insufficient to cover expected claims.
 4. Annual Updates. - The Secretary shall provide an update of the report to the Committees referred to in paragraph (1) on an annual basis.

II. Background

The Oil Pollution Act of 1990 (OPA) was enacted in the wake of the T/V EXXON VALDEZ oil spill to promote measures for the prevention of oil spills on navigable waters, the adjoining shorelines, and the exclusive economic zone. It provided a more robust Federal response to spills, increased the liability of polluters (Responsible Parties (RPs)) for such spills, and provided for compensation to those that incur removal costs and damages as a result of these spills.

OPA provides that RPs are strictly liable for removal costs and damages resulting from a discharge up to statutory liability limits. In general, RPs are liable without limit only if the discharge results from gross negligence or willful misconduct or a violation of operation, safety, or construction regulations (OPA § 1004 (33 U.S.C. § 2704)).

The Fund plays a critical role in the OPA regime. It pays Federal costs for oil removal when a discharge occurs and reimburses third-party claims for uncompensated removal costs and damages when a responsible party does not pay or is not identified. The types of damages compensable under OPA include damages to natural resources, loss of subsistence use of natural resources, damages to real or personal property, loss of profits or earning capacity, loss of government revenues, and increased cost of public services. In addition, the Fund is an important source of annual appropriations to various Federal agencies responsible for administering and enforcing a wide range of oil pollution prevention and response programs addressed in OPA (OPA § 1012 (33 U.S.C. § 2712)).

Specific to this report, the Fund is available, as provided by OPA, to pay claims for removal costs and damages resulting from an oil discharge that exceed the responsible party's liability limits. This includes payment of claims from RPs who pay or incur removal costs or damages in excess of their liability limits and can establish their entitlement to the limits under the circumstances of the discharge (OPA § 1008 (33 U.S.C. § 2708)).

Claims to the Fund are payable only from the Fund, and payments are limited by the available balance. For any single discharge incident, the Fund is authorized to pay no more than \$1 billion, of which no more than \$500 million may be paid for natural resource damages (OPA § 9001(c) (26 U.S. Code § 9509)).

Pursuant to section 603 of the Coast Guard and Maritime Transportation Act of 2006, liability limits for vessel discharges were substantially increased. In that same section, Congress requested this analysis and report.

III. Analysis of Discharges

This section provides an analysis of the extent to which oil discharges from non-vessel and vessel sources have resulted, or are likely to result in removal costs and damages, as defined in OPA, that exceed liability limits established in OPA, as amended by the Coast Guard and Maritime Transportation Act of 2006 (Pub. L. 109-241).

A. Non-vessel Sources

The incident involving the *DEEPWATER HORIZON* and Macondo Well is the only incident known to have resulted in costs and/or damages exceeding the statutory liability limit for a facility.¹ RPs for an offshore facility are liable for all removal costs plus \$75 million for damages absent an action that disqualifies the RP from the liability cap. The full extent of the damages from the *DEEPWATER HORIZON* incident cannot be predicted with any degree of certainty. While BP has reportedly paid billions to settle damages and other claims, other damages, including Federal, State and Indian Tribe trustee natural resource damages, remain to be determined and paid. On May 12, 2010, the Administration proposed raising the limitation on liability for all RPs, including RPs for offshore facilities. As the background data for all offshore incidents since the enactment of OPA show, *DEEPWATER HORIZON* constitutes a single data point for determining what amended liability for damages is needed. There have been no other offshore facility incidents that approach the “all removal costs plus \$75 million” limit under existing law.

With respect to offshore facility incidents (other than the incident involving the *DEEPWATER HORIZON*), best available data indicate there have been 51 incidents since the enactment of OPA that have resulted in removal costs and damages (4 Mobile Offshore Drilling Units and 47 Offshore Platforms). Figure 1 shows the frequency of these incidents by year and facility type.

¹ The 2010 Enbridge Pipeline spill in Michigan may well be the first onshore facility discharge resulting in removal costs and damages that exceed the liability limit of \$350,000,000 for onshore facilities absent an action that disqualifies the RP from the liability cap., but reliable supporting estimates of OPA removal costs and damages are not currently available. Accordingly, this report does not further address onshore facility-source spills or onshore facility-related limits of liability.

**Figure 1: Number of Offshore Facility Incidents by Year and Facility Type
(Excludes 2010 Deepwater Horizon Oil Spill)**

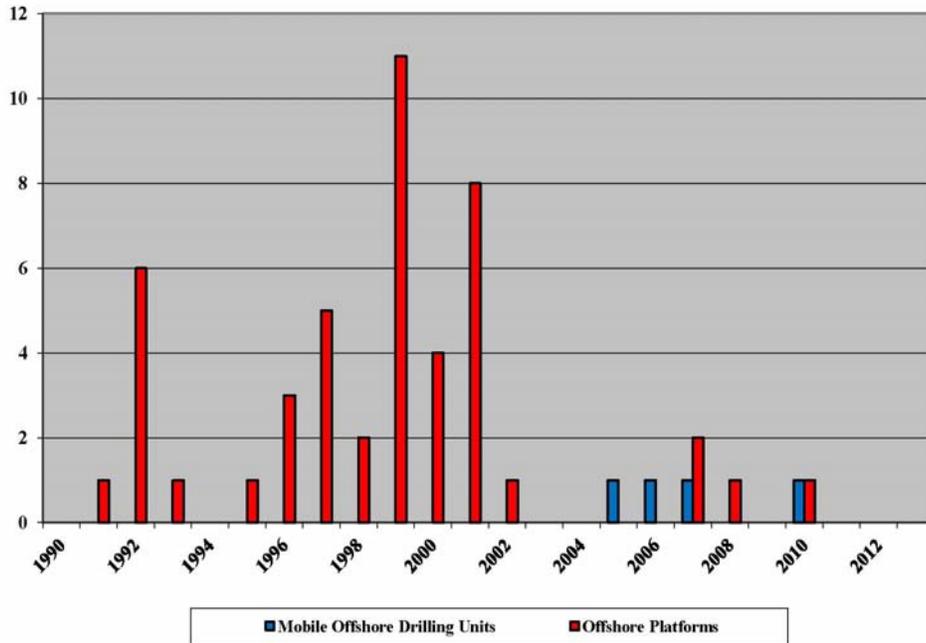
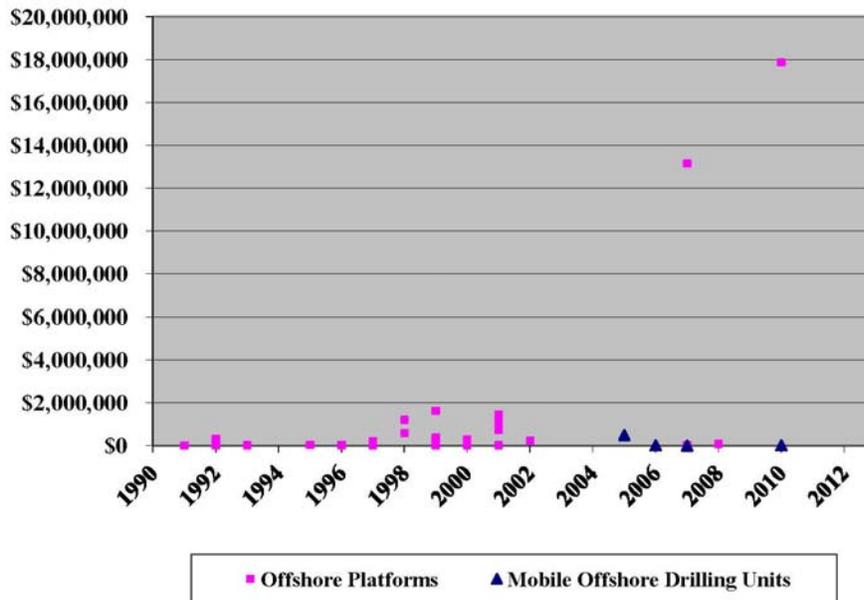


Figure 2 shows the total incident cost for each of these incidents. As depicted, the highest cost incident, at approximately \$17.9 million (in 2013 dollars), does not meet the statutory limit of liability of all removal costs (plus \$75 million for damages).

Figure 2: Total Incident Cost of Offshore Facility Incidents by Facility Type (2013 Dollars / Excludes 2010 Deepwater Horizon Oil Spill)



B. Vessel Sources

Best available data indicate 62 oil discharges from vessels have resulted in removal costs and damages that exceed the amended liability limits. Data have been updated to incorporate new incidents, and reflect revised estimates of costs and damages associated with previously reported incidents.² Discharge incidents are listed by vessel type in Attachment A and by incident date in Attachment B.

Figure 3 depicts the number of such discharges per year. The higher total for 1999 is the result of a typhoon in American Samoa, which resulted in oil discharges involving eight fishing vessel wrecks. The figure illustrates the variance in numbers of incidents from year to year.

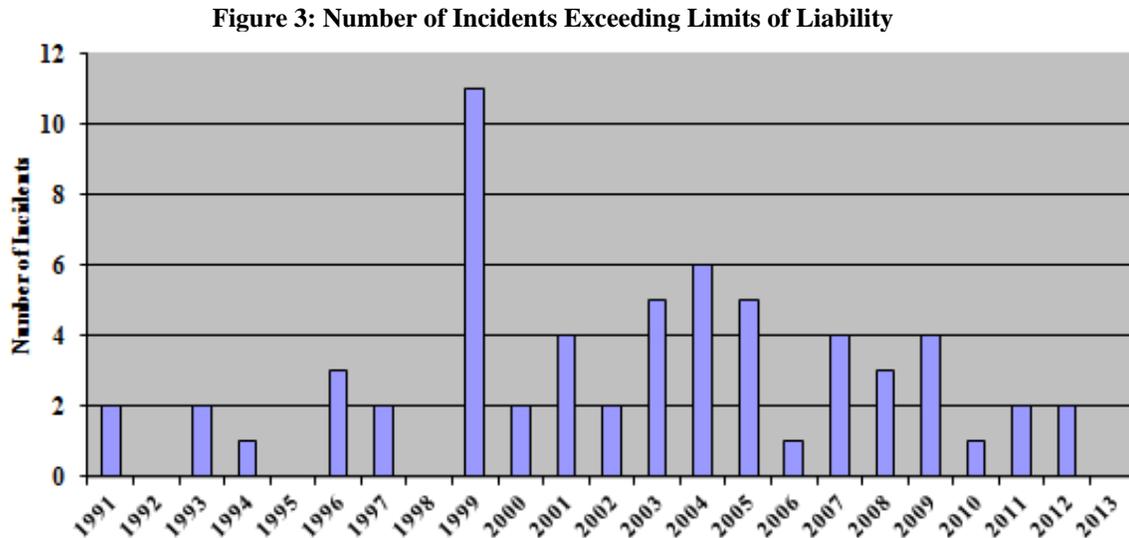


Figure 4 shows a breakdown of these 62 incidents by vessel type. Fishing vessels account for 35.5 percent of the historical incidents that result in damages in excess of the liability limits, while cargo and other self-propelled non-tank vessels represent 46.8 percent of the incidents. Single hull and double hull tank barges represent 11.3 percent and 3.2 percent, respectively. Single hull tank ships account for only 3.2 percent of such discharges. There are no double hull tank ship incidents among the 62 incidents.

² References throughout this report to data for the year 2013 are partial year data ending on May 1, 2013.

Figure 4: Number of Incidents Exceeding Limits of Liability by Vessel Type

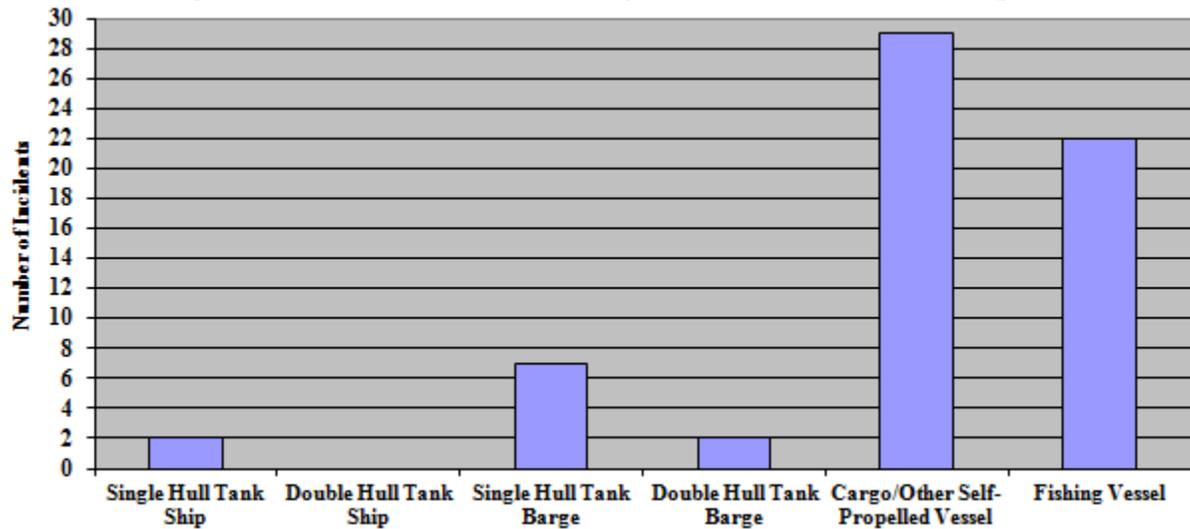
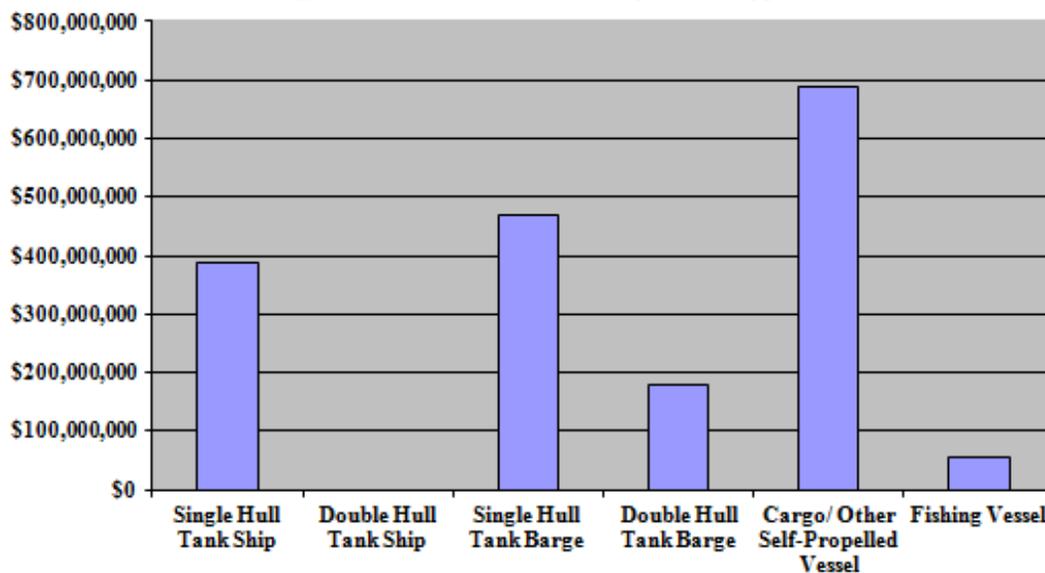


Figure 5, total removal costs and damages from these incidents by vessel type, portrays a similar picture. Total costs in excess of liability limits for cargo/other self-propelled vessel discharges have been the highest. Total costs for single hull tank ship and tank barge discharges that exceed liability limits have also been significant. Per discharge costs from single hull tank ship incidents are the highest (approximately \$193.9 million) in light of the quantities of oil these vessels carry. Per discharge costs for all tank barges are also substantial (approximately \$71.7 million). Larger cargo vessels also carry enough fuel to result in costly discharges (approximately \$23.7 million per incident). The small size and limited quantities of oil characteristic of most fishing vessel incidents accounts generally for the lower total costs of such discharges (approximately \$2.6 million), shown here and in more detail in Attachment A.

Total removal costs and damages for these discharges since enactment of OPA is approximately \$1.8 billion.

Figure 5: Total Incident Costs by Vessel Type



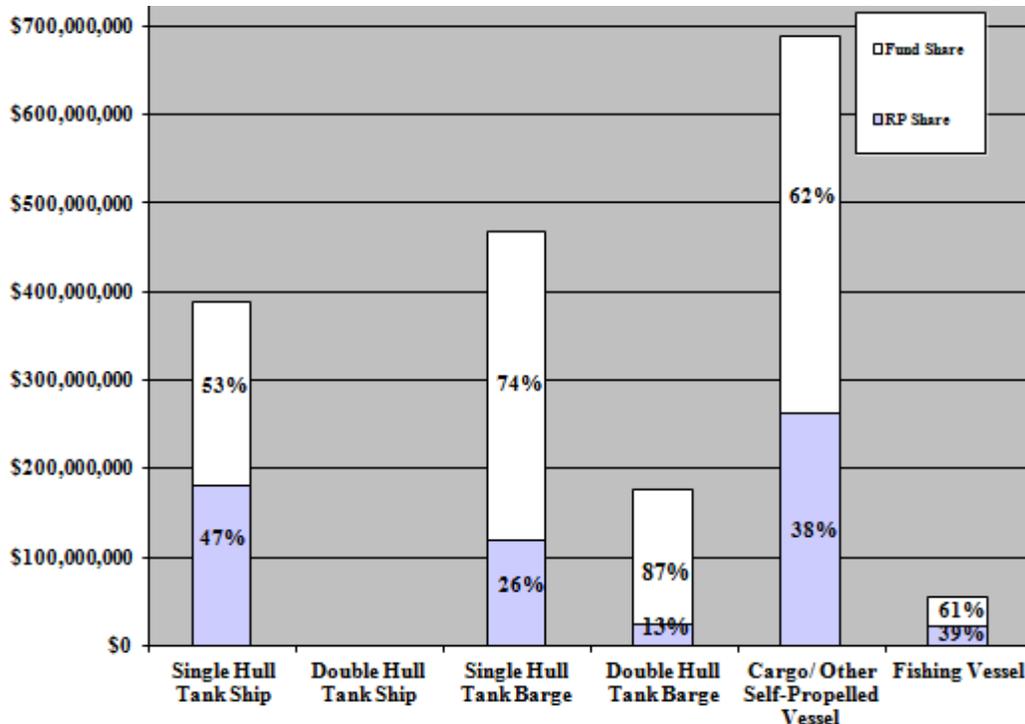
IV Impacts on the Fund

This section provides an analysis of the impacts on the Oil Spill Liability Trust Fund (hereafter referred to as “the Fund”) resulting from claims against the Fund for vessel incidents in which costs and damages exceed liability limits.³

A. Historical Impact

As indicated in Figure 6, the Fund’s financial obligation in cases where removal costs and damages exceed liability limits (listed in Attachment A) is substantial despite recent liability limit amendments. The top portion of the bar for each vessel type represents the Fund’s share of the risk (in excess of applicable liability limit). The bottom portion of the bar for each vessel type represents RP risk (RP liability limit based on gross tonnage or minimum limit as applicable for each discharge).

Figure 6: RP vs. Fund Share of Total Incident Costs under Current Limits by Vessel Type



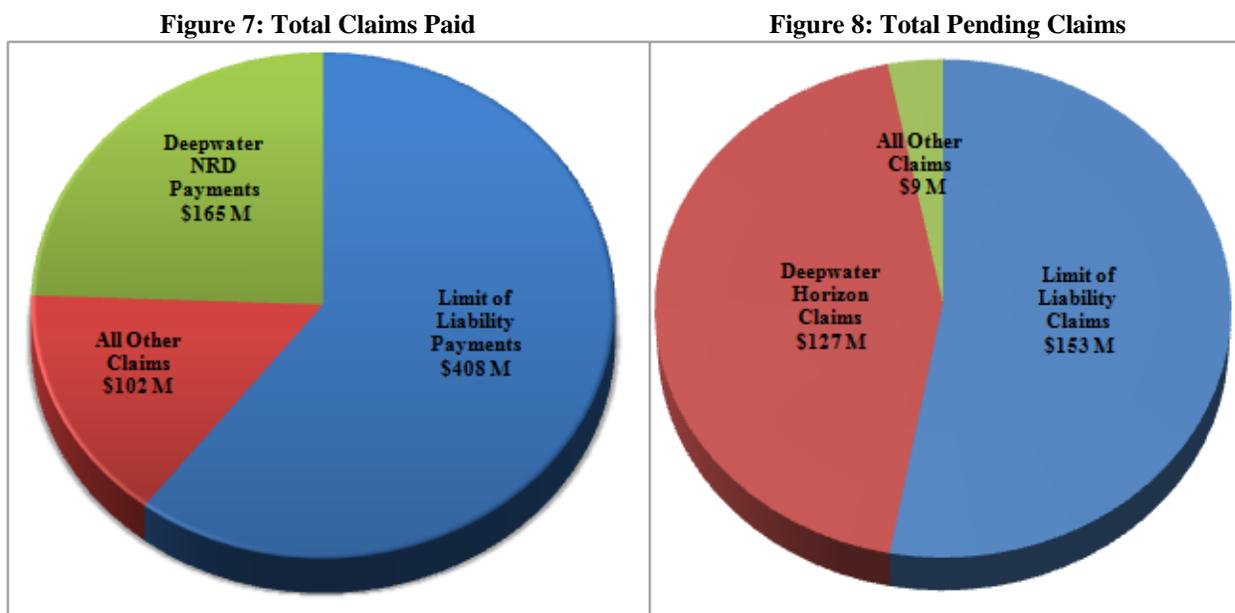
Of the approximately \$1.8 billion in estimated removal costs and damages from these incidents over the last 22 years, the Fund’s share of risk totals approximately \$1.2 billion (66%). This amount represents a maximum potential impact on Fund risk resulting solely from the application of the liability limit levels. While the rate of such incidents is difficult to predict and may vary widely from year-to-year (as indicated by Figure 3), the risk to the Fund can be expressed broadly as an annual cost of approximately \$53.1 million (total costs of \$1.2 billion over 22 years) in excess of amended limits in 2013 dollars.

³ As discussed above, historically, with the exception of the single *DEEPWATER HORIZON* data point, and possibly the Enbridge Pipeline spill in 2010, only vessel incidents had total incident costs that exceeded limits of liability. Therefore, facilities are not included in the discussion of RP and Fund risk cost sharing.

B. Impact from Claims

Over the past 22 years, the National Pollution Funds Center (NPFC) has paid \$675 million to claimants in connection with OPA incidents. Of this total, \$408 million (or 60.4 percent) was paid in respect to circumstances where removal costs and damages exceeded the applicable liability limit amount (Figure 7). These "limit of liability" payments include payments made directly to the RPs for the removal costs and damages they paid or incurred in excess of liability limits, as well as third-party claims paid by the Fund because the RP had spent up to its limit of liability.

Figure 8 shows that of the \$289 million in claims under adjudication as of May 1, 2013, \$153 million (or 52.3 percent of the total dollars) are pending claims by RPs who have incurred incident costs exceeding their liability limits or claims by third parties where incident costs exceeded the liability limits.

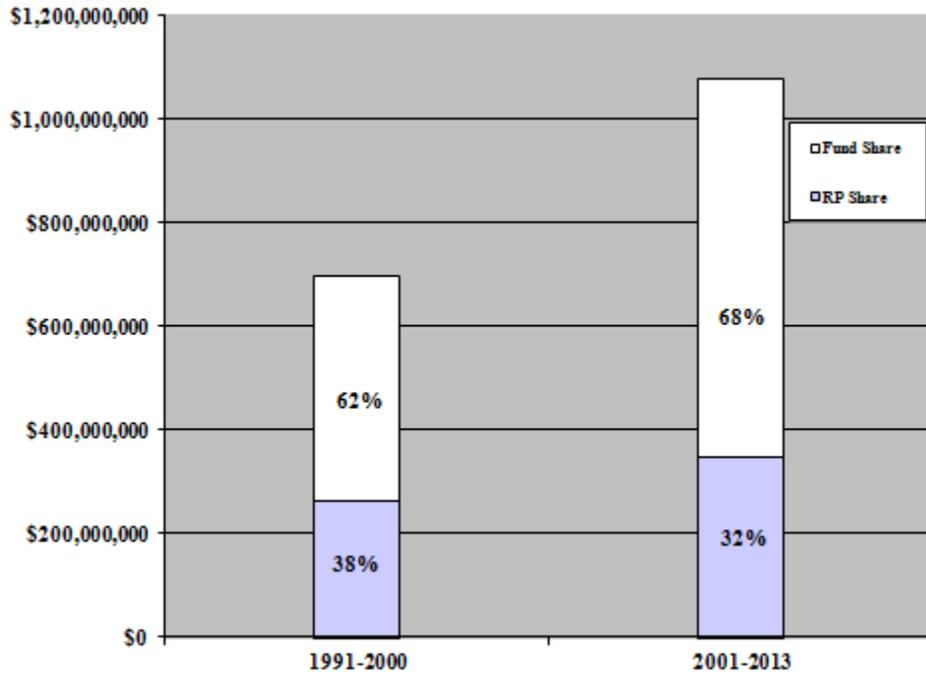


C. Recent Trends

The potential impact to the Fund resulting from payments to RPs, third parties for claims, and response costs where vessel incident costs exceeded the RPs' limits of liability varies substantially from year to year, but has averaged approximately \$53.1 million per year over the past 22 years. While the potential impact is significant, it is also useful to note the available data show a continued trend toward more Fund risk in recent years.

As illustrated in Figure 9 and Attachment B, the Fund risk for discharges that result in estimated removal costs and claims that exceed liability limits in the most recent 13-year period (approximately \$734 million) is greater than the Fund risk for the discharges in the preceding 10 years (approximately \$434 million). This would indicate, despite the uncertainties as to the actual impact over time, the risk to the Fund resulting from the liability limits applicable to individual vessel incidents has increased in recent years. This increased risk is largely the result of the greater cost of such incidents in recent years.

Figure 9: RP vs. Fund Share of Total Incident Costs



The *Energy Improvement and Extension Act of 2008* (Pub. L. 110-343) extended the barrel tax through December 31, 2017, and increased the tax from five cents to eight cents for 2009-2016, and to nine cents for 2017. Tax revenues are deposited into the Fund, which should provide additional income to the Fund over the next several years. Based on current revenue and expenditure projections, the NPFC forecasts that the Fund should maintain liquidity through 2019 (See Figure 10).

However, as noted earlier, the impact on the Fund from the *DEEPWATER HORIZON* catastrophe remains uncertain. If the Fund were to bear substantial removal costs and damages from the catastrophe without recovery, additional revenue may be needed to continue to carry out Fund-financed programs.

V. Findings with Respect to Further Liability Limit Adjustments

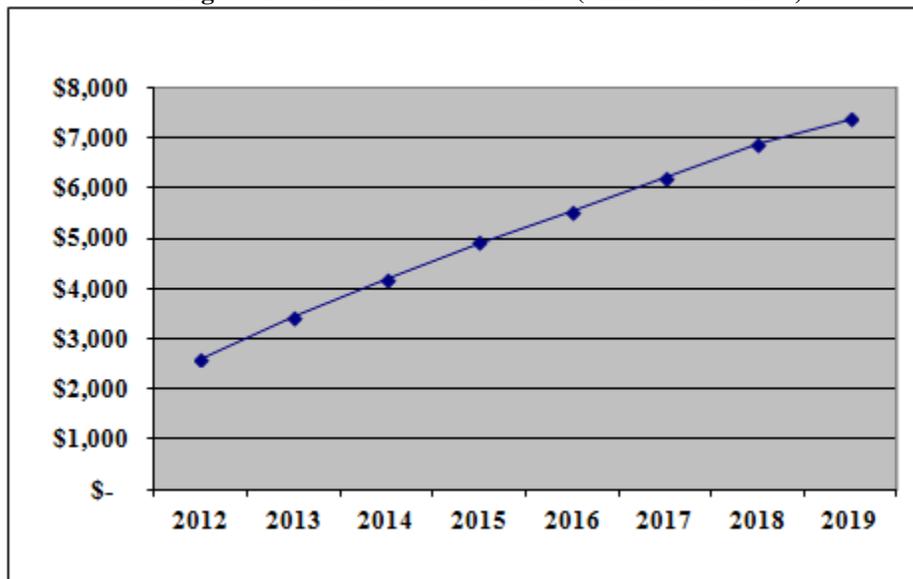
This section discusses findings, based on historical trends and analyses, and taking into account other factors impacting the Fund, on whether the liability limits need to be adjusted in order to prevent the principal of the Fund from declining to levels that are likely to be insufficient to cover expected claims.

A. Future Year Fund Outlook

The NPFC anticipates the Fund will be able to cover its projected non-catastrophic liabilities, including claims, without further increases to liability limits except as the *DEEPWATER HORIZON* impacts may develop. However, increases to liability limits for certain vessel types would result in a more equitable division of risk between the Fund and RPs and have a positive impact on the balance of the Fund.

Figure 10 projects the end of year balance of the Fund through 2019 based on estimated revenues and expenditures (no adjustment for inflation or potential *DEEPWATER HORIZON* impacts):

Figure 10: Fund Forecast Balance (Millions of Dollars)



Notably, several classes of Fund expenditures are independent of revisions to the limits of liability, such as Federal removal costs and annual appropriations. The Fund provides resources to the Federal government to respond to oil discharges (Federal removal costs) and to compensate claimants for their removal costs and damages when a RP cannot be identified, does not respond, or does not compensate claimants. *See OPA § 1012(a)(1), (4) (33 U.S.C § 2712(a)(1), (4)).* The Fund also pays when recourse against RPs is not available, such as when a RP declares bankruptcy or cannot be identified. Thus, the Fund is the ultimate insurer with respect to oil removal costs and damages when there is a discharge or substantial threat of discharge to navigable waters, adjoining shorelines, or the exclusive economic zone.

The Fund also pays various agencies responsible for administering and enforcing OPA and provisions of the *Federal Water Pollution Control Act*. See OPA § 1012(a)(5) (33 U.S.C. § 2712(a)(5)). Administrative and enforcement costs that are not allocable to a specific oil discharge are not recoverable from liable RPs.

Figure 11 shows total Fund expenses in recent years for agency appropriations, Federal removal costs, and claims for removal costs and damages, of which claims resulting from incident-related costs exceeding the limits of liability is a subset.

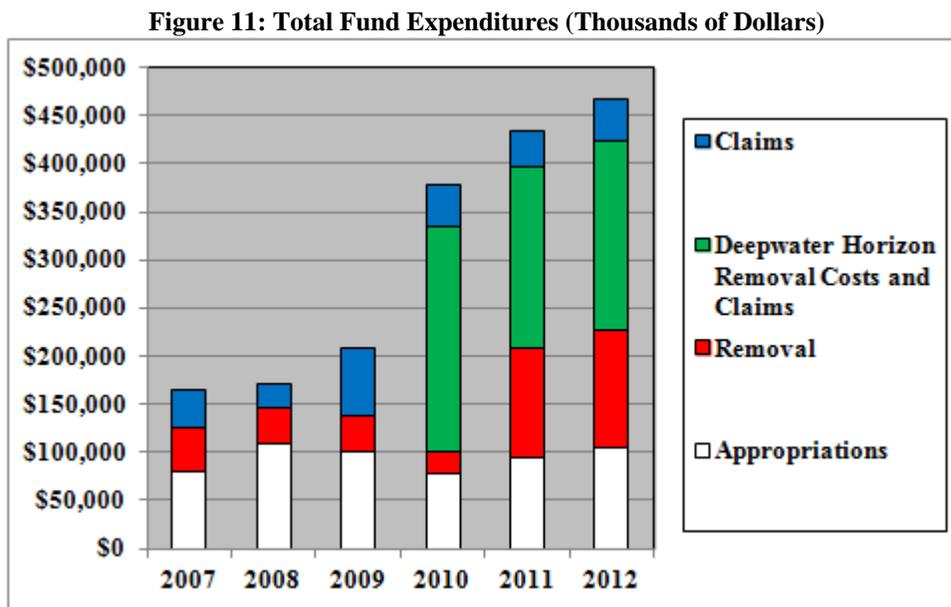


Figure 11 illustrates that, with the exception of the *DEEPWATER HORIZON* oil spill costs in 2010 through 2012, the Federal removal costs and claims payments for which RPs may be liable have represented only a portion, often well less than half, of the annual expenditures from the Fund. This graph displays all costs for vessel or facility discharges.

The *DEEPWATER HORIZON* experience has demonstrated that the \$75 million limit on damages for a catastrophic offshore facility incident could be inadequate and the Administration has proposed raising that limit on damages. With the exception of *DEEPWATER HORIZON*, roughly half of the removal costs in Figure 11 are for onshore and offshore facility discharges. Historical data indicates that the \$350 million liability limit for onshore facilities is adequate for non-catastrophic spills.⁴

With respect to the Fund expenses for removal costs and claims allocable to vessel spills, the Fund frequently pays when an RP is unknown. In these cases, liability limits have no impact on Fund risk. Vessel and facility liability limits will affect the Fund only to the extent RPs are available and have the ability to pay.

⁴ As discussed in Coast Guard’s rulemaking titled “Consumer Price Index Adjustments of Oil Pollution Act of 1990 Limits of Liability - Vessels and Deepwater Ports,” a future rulemaking will adjust the limit of liability for onshore facilities by regulation to reflect significant increases in the consumer price index as required by OPA section 1004(d)(4). [See 73 FR 54997 (Notice of proposed rulemaking), 74 FR 31357 (Interim Rule), and 75 FR 750 (Final Rule)],

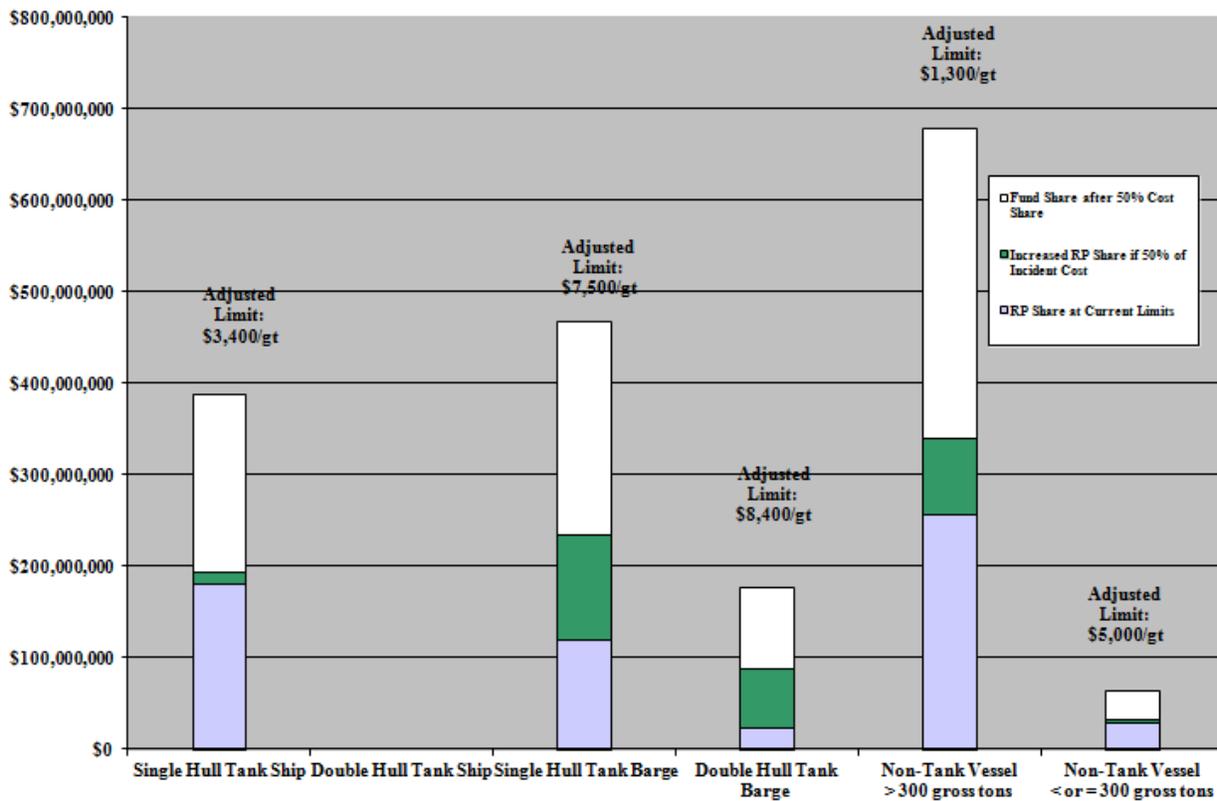
B. Further Liability Limit Adjustments

Adjustments to liability limits help more equitably divide liabilities between the Fund and RPs. OPA is founded on the “polluter pays” principle. At the same time, OPA also places limits on the polluter’s liability to pay for clean-up of spills except in certain circumstances, and the Fund is the ultimate insurer for removal costs and damages. As previously noted, on May 12, 2010, the Administration proposed raising the limitation on liability for all RPs, including RPs for activities other than offshore drilling activities (such as shipping).

Analysis indicates establishing different liability limits for non-tank vessels, which include fishing, cargo, and other self-propelled vessels, by tonnage (*i.e.*, greater than 300 gross tons and less than or equal to 300 gross tons) would provide more equitable limits on smaller vessels.

Figure 6 demonstrates that for vessel discharges where removal costs and damages exceed current liability limits, the Fund bears a majority of the cost even if every RP is available and pays to its limit. Figure 12 illustrates how further adjustments to limits of liability per gross ton might achieve an equal sharing of that risk between RPs and the Fund. The bottom portion of the bar represents the RP risk at the current limits of liability based on gross tonnage or minimum limits as applicable for each discharge. The middle portion represents the additional cost the RP would pay if the additional limits were applied, which would leave the Fund covering 50 percent of the total incident costs (the top portion of each bar).

Figure 12: Gross Tonnage Limits of Liability for 50 percent Cost Share



For example, to split the estimated clean-up costs evenly between the Fund and the vessel operators, liability limits for single hull tank ships would increase to \$3,400 per gross ton, single hull tank barges to \$7,500 per gross ton, double hull tank barges to \$8,400 per gross ton, non-tank vessels greater than 300 gross tons to \$1,300 per gross ton, and non-tank vessels less than or equal to 300 gross tons to \$5,000 per gross ton.

Figure 13 indicates the minimum amount a RP would be expected to pay for an incident (based on average historical costs of incidents by vessel type in 2013 dollars), if the limits of liability were adjusted so that costs were shared evenly between the RP and the Fund.

Figure 13: Minimum Liability Limits for 50 percent Cost Share

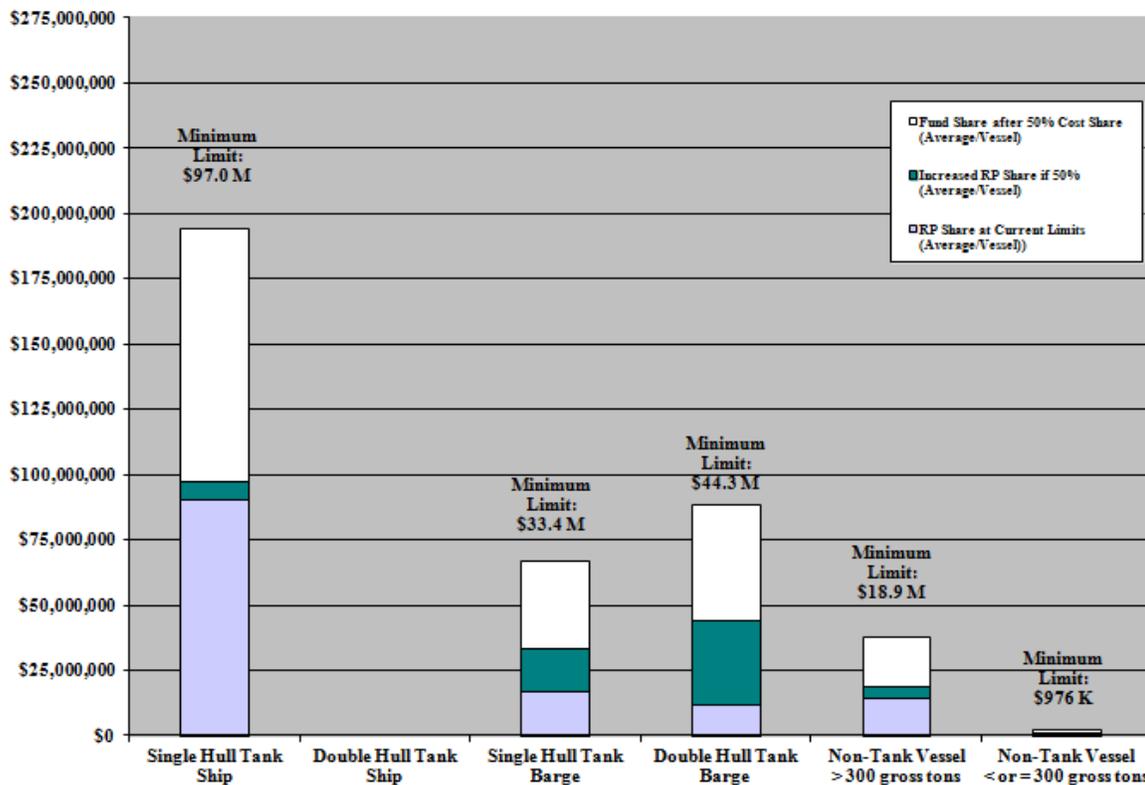


Figure 14 summarizes the 50 percent cost share limits and minimums and compares them to the current limits. Attachment C illustrates how these limits would protect the Fund from paying the majority of the total incident cost when applied to the 62 incidents discussed earlier. The current limits distinguish between single hull tank vessels, double hull tank vessels and non-tank (other) vessels. As discussed in Section II, however, analysis has shown these categories might best be subdivided as follows: categories of *Tank Ship* and *Tank Barge* are addressed separately as subsets of single and double hull *Tank Vessel*, and the *Non-Tank Vessel* category is divided between vessels greater than 300 gross tons and vessels less than or equal to 300 gross tons.⁵

⁵ The comparative results for single and double hull tank barges may appear incongruous at first glance. While double hull vessels may be safer, and be less likely to spill oil, the data shows that a catastrophic discharge from a double hull tank barge can be just as expensive as one from a single hull tank barge.

Figure 14: Limits of Liability under OPA

If the vessel is a . . .		The current limits of liability are the ‘greater of:’	But to achieve an equal cost share limits of liability would need to be increased to:
Tank Ship	With a single hull, double sides only, or double bottom only	Greater than 3,000 gross tons: \$3,200 per gross ton or \$23,496,000 Less than or equal to 3,000 gross tons: \$3,200 per gross ton or \$6,408,000	\$3,400 per gross ton or \$97,000,000.
	With a double hull	Greater than 3,000 gross tons: \$2,000 per gross ton or \$17,088,000 Less than or equal to 3,000 gross tons: \$2,000 per gross ton or \$4,272,000	No data
Tank Barge	With a single hull, double sides only, or double bottom only	Greater than 3,000 gross tons: \$3,200 per gross ton or \$23,496,000 Less than or equal to 3,000 gross tons: \$3,200 per gross ton or \$6,408,000	\$7,500 per gross ton or \$33,400,000
	With a double hull	Greater than 3,000 gross tons: \$2,000 per gross ton or \$17,088,000 Less than or equal to 3,000 gross tons: \$2,000 per gross ton or \$4,272,000	\$8,400 per gross ton or \$44,300,000.
Non-Tank Vessel	Greater than 300 gross tons	\$1,000 per gross ton or \$854,400.	\$1,300 per gross ton or \$18,900,000.
	Less than or equal to 300 gross tons	\$1,000 per gross ton or \$854,400.	\$5,000 per gross ton or \$976,000.

Attachment A: Incidents Exceeding Liability Limits by Vessel Type

Vessel Type: Tank Ship (Single Hull)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
T/V JULIE N	1996	ME	18,500	\$52,601,200	1.48	\$77,850,000	\$59,126,000	\$18,723,000	\$28,376,000
T/V ATHOS I	2004	NJ	37,900	\$252,010,800	1.23	\$309,973,000	\$121,264,000	\$188,709,000	\$210,278,000
TOTAL						\$387,823,000	\$180,390,000	\$207,432,000	\$238,654,000

Vessel Type: Tank Barge (Single Hull)

T/B VISTABELLA	1991	PR	1,100	\$6,105,500	1.71	\$10,440,000	\$6,408,000	\$4,032,000	\$4,782,000
T/B (TAMPA BAY COLLISION)	1993	FL	9,300	\$68,900,000	1.61	\$110,929,000	\$29,638,000	\$81,291,000	\$2,397,000
T/B MORRIS J. BERMAN	1994	PR	5,400	\$95,488,300	1.57	\$149,917,000	\$23,496,000	\$126,421,000	\$95,488,000
M/V SCANDIA & T/B NORTH CAPE	1996	RI	5,500	\$49,000,000	1.48	\$72,520,000	\$23,496,000	\$49,024,000	\$9,046,000
T/B BUFFALO #292	1996	TX	1,500	\$21,517,000	1.48	\$31,845,000	\$6,408,000	\$25,437,000	\$16,810,000
T/B B NO. 120	2003	MA	6,900	\$61,237,500	1.26	\$77,159,000	\$23,496,000	\$53,663,000	\$1,753,000
T/B EMC 423	2005	IL	1,400	\$12,778,500	1.19	\$15,206,000	\$6,408,000	\$8,798,000	\$5,839,000
TOTAL						\$468,016,000	\$119,350,000	\$348,666,000	\$136,115,000

Vessel Type: Tank Barge (Double Hull)

T/B DBL 152	2005	LA	9,700	\$55,445,400	1.19	\$65,980,000	\$19,482,000	\$46,498,000	\$19,756,000
T/B DM932	2008	LA	800	\$102,980,700	1.08	\$111,219,000	\$4,272,000	\$106,947,000	\$21,956,000
TOTAL						\$177,199,000	\$23,754,000	\$153,445,000	\$41,712,000

Vessel Type: Cargo/Other Self-Propelled Vessel

M/V KUROSHIMA	1997	AK	4,200	\$19,702,600	1.45	\$28,569,000	\$4,160,000	\$24,409,000	\$17,540,000
M/V KURE	1997	CA	36,000	\$47,218,900	1.45	\$68,467,000	\$36,009,000	\$32,458,000	\$29,000
M/V NEW CARISSA	1999	OR	36,600	\$50,501,400	1.40	\$70,702,000	\$36,571,000	\$34,131,000	\$32,914,000
M/V STUYVESANT	1999	CA	7,100	\$11,700,000	1.40	\$16,380,000	\$7,111,000	\$9,269,000	\$379,000
M/V SERGO ZAKARIADZE	1999	PR	16,500	\$15,966,700	1.40	\$22,353,000	\$16,502,000	\$5,851,000	\$6,065,000
SS J LUCKENBACH	2001	CA	7,900	\$40,910,300	1.31	\$53,593,000	\$7,869,000	\$45,724,000	\$44,051,000
M/V KIMTON	2001	PR	200	\$713,700	1.31	\$935,000	\$854,000	\$81,000	\$714,000
VICTORIA ROSE HUNT	2003	MA	100	\$1,085,700	1.26	\$1,368,000	\$854,000	\$514,000	\$94,000
M/V RED DIAMOND	2003	FL	200	\$2,595,200	1.26	\$3,270,000	\$854,000	\$2,416,000	\$2,595,000

This listing includes all incidents regardless of vessel size or type and regardless of whether a claim to the Fund by a responsible party for amounts in excess of liability limits was received or is anticipated. Costs include Federal removal costs and claims paid that have been verified. Other costs are estimated from best available information but cannot otherwise be verified. Fund exposure amounts are estimated and do not imply that the responsible parties will be able to limit their liability under the statute where the issue has not yet been determined.

Vessel Type: Cargo/Other Self-Propelled Vessel (Cont.)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
CRANE BARGE MONARCH	2003	CA	200	\$2,481,700	1.26	\$3,127,000	\$854,000	\$2,272,000	\$2,482,000
M/V BOWSTRING	2003	FL	300	\$1,606,500	1.26	\$2,024,000	\$854,000	\$1,170,000	\$1,606,000
M/V SELENDANG AYU	2004	AK	39,800	\$153,430,100	1.23	\$188,719,000	\$39,755,000	\$148,964,000	\$81,286,000
M/V ORIENTAL I	2004	FL	200	\$727,400	1.23	\$895,000	\$854,000	\$40,000	\$727,000
ALBION	2005	CA	200	\$1,207,100	1.19	\$1,436,000	\$854,000	\$582,000	\$1,207,000
M/V CASITAS	2005	HI	300	\$1,710,700	1.19	\$2,036,000	\$854,000	\$1,181,000	\$1,711,000
MAMA LERE	2006	TX	400	\$1,217,300	1.15	\$1,400,000	\$854,000	\$545,000	\$1,217,000
M/V COSCO BUSAN	2007	CA	65,100	\$110,557,900	1.12	\$123,825,000	\$65,131,000	\$58,694,000	\$4,208,000
M/V SENECA	2007	MI	200	\$1,211,000	1.12	\$1,356,000	\$854,000	\$502,000	\$1,211,000
LST-1166	2007	OR	2,400	\$5,151,000	1.12	\$5,769,000	\$2,418,000	\$3,351,000	\$5,151,000
CATALA	2007	WA	5,700	\$6,138,500	1.12	\$6,875,000	\$5,700,000	\$1,175,000	\$6,138,000
C/V SEA WITCH	2008	MD	17,900	\$20,629,900	1.08	\$22,280,000	\$17,902,000	\$4,378,000	\$20,630,000
BIG BOY & SCOOPY DOO	2008	PA	200	\$1,010,800	1.08	\$1,092,000	\$854,000	\$237,000	\$1,011,000
WENONAH	2009	CA	300	\$947,800	1.08	\$1,024,000	\$854,000	\$169,000	\$948,000
SOUND DEVELOPER	2009	AK	200	\$1,657,100	1.08	\$1,790,000	\$854,000	\$935,000	\$1,657,000
MONARCH	2009	AK	300	\$2,698,200	1.08	\$2,914,000	\$854,000	\$2,060,000	\$24,000
M/V PRINCESS KATHLEEN	2010	AK	5,900	\$14,185,900	1.07	\$15,179,000	\$5,875,000	\$9,304,000	\$14,186,000
DAVY CROCKETT	2011	WA	4,600	\$22,454,700	1.03	\$23,128,000	\$4,643,000	\$18,485,000	\$22,455,000
TUG TIGER	2011	CA	200	\$2,981,500	1.03	\$3,071,000	\$854,000	\$2,217,000	\$2,981,000
JIREH	2012	PR	1,000	\$13,809,500	1.01	\$13,948,000	\$979,000	\$12,969,000	\$13,809,000
TOTAL						\$687,525,000	\$263,435,000	\$424,083,000	\$289,026,000

Vessel Type: Fishing Vessel

F/V TENYO MARU	1991	WA	4,200	\$6,062,900	1.71	\$10,368,000	\$4,167,000	\$6,201,000	\$6,063,000
F/V JIN SHIANG FA	1993	AS	400	\$2,013,000	1.61	\$3,241,000	\$854,000	\$2,387,000	\$2,420,000
F/V YU TE NO. 1	1999	AS	200	\$1,164,600	1.40	\$1,630,000	\$854,000	\$776,000	\$5,296,000
F/V AMIGA NO. 5	1999	AS	200	\$3,355,700	1.40	\$4,698,000	\$854,000	\$3,844,000	\$2,766,000
F/V KWANG MYONG	1999	AS	200	\$1,554,800	1.40	\$2,177,000	\$854,000	\$1,322,000	\$965,000
F/V KORAM NO. 3	1999	AS	200	\$1,403,100	1.40	\$1,964,000	\$854,000	\$1,110,000	\$813,000
F/V KWANG MYONG NO 72	1999	AS	200	\$2,182,900	1.40	\$3,056,000	\$854,000	\$2,202,000	\$1,593,000
F/V KWANG MYONG NO 58	1999	AS	200	\$1,557,600	1.40	\$2,181,000	\$854,000	\$1,326,000	\$967,000
F/V KORAM NO 1	1999	AS	200	\$1,378,400	1.40	\$1,930,000	\$854,000	\$1,075,000	\$788,000
F/V KWANG MYONG NO 51	1999	AS	200	\$1,249,200	1.40	\$1,749,000	\$854,000	\$894,000	\$659,000

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Vessel Type: Fishing Vessel (Cont.)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
F/V JESSICA ANN	2000	ME	200	\$947,000	1.35	\$1,278,000	\$854,000	\$424,000	\$947,000
F/V SWORDMAN I	2000	HI	100	\$1,528,600	1.35	\$2,064,000	\$854,000	\$1,209,000	\$1,529,000
F/V WINDY BAY	2001	AK	400	\$3,396,400	1.31	\$4,449,000	\$854,000	\$3,595,000	\$3,396,000
F/V VANGUARD	2001	AK	200	\$699,800	1.31	\$917,000	\$854,000	\$62,000	\$700,000
F/V GENEI MARU #7	2002	AK	100	\$869,800	1.29	\$1,122,000	\$854,000	\$268,000	\$870,000
F/V TERESA LYNN	2002	FL	200	\$690,800	1.29	\$891,000	\$854,000	\$37,000	\$691,000
F/V NEW HORIZON	2004	CA	100	\$805,300	1.23	\$990,000	\$854,000	\$136,000	\$305,000
F/V MWALIL SAAT	2004	GU	200	\$3,413,500	1.23	\$4,199,000	\$854,000	\$3,344,000	\$3,414,000
F/V THE BOSS	2004	OR	200	\$926,100	1.23	\$1,139,000	\$854,000	\$285,000	\$926,000
F/V MILKY WAY	2005	WA	200	\$1,039,600	1.19	\$1,237,000	\$854,000	\$383,000	\$539,000
F/V CAPT MIKE	2009	LA	100	\$2,413,400	1.08	\$2,606,000	\$854,000	\$1,752,000	\$2,413,000
F/V DEEP SEA	2012	WA	200	\$2,231,000	1.01	\$2,253,000	\$854,000	\$1,399,000	\$2,231,000
TOTAL						\$56,139,000	\$22,101,000	\$34,031,000	\$40,291,000
GRAND TOTAL						\$1,776,702,000	\$609,045,000	\$1,167,657,000	\$745,799,000

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Attachment B: Incidents Exceeding Liability Limits by Incident Date

Incident Year: 1991

Vessel Type	Project Name	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
Fishing Vessel	F/V TENYO MARU	WA	4,200	\$6,062,900	1.71	\$10,368,000	\$4,167,000	\$6,201,000	\$6,063,000
Tank Barge (Single Hull)	T/B VISTABELLA	PR	1,100	\$6,105,500	1.71	\$10,440,000	\$6,408,000	\$4,032,000	\$4,782,000
TOTAL						\$20,808,000	\$10,575,000	\$10,233,000	\$10,845,000

Incident Year: 1993

Fishing Vessel	F/V JIN SHIANG FA	AS	400	\$2,013,000	1.61	\$3,241,000	\$854,000	\$2,387,000	\$2,420,000
Tank Barge (Single Hull)	T/B (TAMPA BAY COLLISION)	FL	9,300	\$68,900,000	1.61	\$110,929,000	\$29,638,000	\$81,291,000	\$2,397,000
TOTAL						\$114,170,000	\$30,492,000	\$83,678,000	\$4,817,000

Incident Year: 1994

Tank Barge (Single Hull)	T/B MORRIS J. BERMAN	PR	5,400	\$95,488,300	1.57	\$149,917,000	\$23,496,000	\$126,421,000	\$95,488,000
TOTAL						\$149,917,000	\$23,496,000	\$126,421,000	\$95,488,000

Incident Year: 1996

Tank Barge (Single Hull)	M/V SCANDIA & T/B NORTH CAPE	RI	5,500	\$49,000,000	1.48	\$72,520,000	\$23,496,000	\$49,024,000	\$9,046,000
Tank Barge (Single Hull)	T/B BUFFALO #292	TX	1,500	\$21,517,000	1.48	\$31,845,000	\$6,408,000	\$25,437,000	\$16,810,000
Tank Ship (Single Hull)	T/V JULIE N	ME	18,500	\$52,601,200	1.48	\$77,850,000	\$59,126,000	\$18,723,000	\$28,376,000
TOTAL						\$182,215,000	\$89,030,000	\$93,184,000	\$54,232,000

Incident Year: 1997

Cargo/Other SPV	M/V KUROSHIMA	AK	4,200	\$19,702,600	1.45	\$28,569,000	\$4,160,000	\$24,409,000	\$17,540,000
Cargo/Other SPV	M/V KURE	CA	36,000	\$47,218,900	1.45	\$68,467,000	\$36,009,000	\$32,458,000	\$29,000
TOTAL						\$97,036,000	\$40,169,000	\$56,867,000	\$17,569,000

Incident Year: 1999

Cargo/Other SPV	M/V NEW CARISSA	OR	36,600	\$50,501,400	1.40	\$70,702,000	\$36,571,000	\$34,131,000	\$32,914,000
Cargo/Other SPV	M/V STUYVESANT	CA	7,100	\$11,700,000	1.40	\$16,380,000	\$7,111,000	\$9,269,000	\$379,000
Cargo/Other SPV	M/V SERGO ZAKARIADZE	PR	16,500	\$15,966,700	1.40	\$22,353,000	\$16,502,000	\$5,851,000	\$6,065,000
Fishing Vessel	F/V YU TE NO. 1	AS	200	\$1,164,600	1.40	\$1,630,000	\$854,000	\$776,000	\$5,296,000
Fishing Vessel	F/V AMIGA NO. 5	AS	200	\$3,355,700	1.40	\$4,698,000	\$854,000	\$3,844,000	\$2,766,000
Fishing Vessel	F/V KWANG MYONG	AS	200	\$1,554,800	1.40	\$2,177,000	\$854,000	\$1,322,000	\$965,000

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Incident Year: 1999 (Cont.)

Vessel Type	Project Name	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
Fishing Vessel	F/V KORAM NO. 3	AS	200	\$1,403,100	1.40	\$1,964,000	\$854,000	\$1,110,000	\$813,000
Fishing Vessel	F/V KWANG MYONG NO 72	AS	200	\$2,182,900	1.40	\$3,056,000	\$854,000	\$2,202,000	\$1,593,000
Fishing Vessel	F/V KWANG MYONG NO 58	AS	200	\$1,557,600	1.40	\$2,181,000	\$854,000	\$1,326,000	\$967,000
Fishing Vessel	F/V KORAM NO 1	AS	200	\$1,378,400	1.40	\$1,930,000	\$854,000	\$1,075,000	\$788,000
Fishing Vessel	F/V KWANG MYONG NO 51	AS	200	\$1,249,200	1.40	\$1,749,000	\$854,000	\$894,000	\$659,000
TOTAL						\$128,820,000	\$67,016,000	\$61,800,000	\$53,205,000

Incident Year: 2000

Fishing Vessel	F/V JESSICA ANN	ME	200	\$947,000	1.35	\$1,278,000	\$854,000	\$424,000	\$947,000
Fishing Vessel	F/V SWORDMAN I	HI	100	\$1,528,600	1.35	\$2,064,000	\$854,000	\$1,209,000	\$1,529,000
TOTAL						\$3,342,000	\$1,708,000	\$1,633,000	\$2,476,000

Incident Year: 2001

Cargo/Other SPV	SS J LUCKENBACH	CA	7,900	\$40,910,300	1.31	\$53,593,000	\$7,869,000	\$45,724,000	\$44,051,000
Cargo/Other SPV	M/V KIMTON	PR	200	\$713,700	1.31	\$935,000	\$854,000	\$81,000	\$714,000
Fishing Vessel	F/V WINDY BAY	AK	400	\$3,396,400	1.31	\$4,449,000	\$854,000	\$3,595,000	\$3,396,000
Fishing Vessel	F/V VANGUARD	AK	200	\$699,800	1.31	\$917,000	\$854,000	\$62,000	\$700,000
TOTAL						\$59,894,000	\$10,431,000	\$49,462,000	\$48,861,000

Incident Year: 2002

Fishing Vessel	F/V GENEI MARU #7	AK	100	\$869,800	1.29	\$1,122,000	\$854,000	\$268,000	\$870,000
Fishing Vessel	F/V TERESA LYNN	FL	200	\$690,800	1.29	\$891,000	\$854,000	\$37,000	\$691,000
TOTAL						\$2,013,000	\$1,708,000	\$305,000	\$1,561,000

Incident Year: 2003

Cargo/Other SPV	VICTORIA ROSE HUNT	MA	100	\$1,085,700	1.26	\$1,368,000	\$854,000	\$514,000	\$94,000
Cargo/Other SPV	M/V RED DIAMOND	FL	200	\$2,595,200	1.26	\$3,270,000	\$854,000	\$2,416,000	\$2,595,000
Cargo/Other SPV	CRANE BARGE MONARCH	CA	200	\$2,481,700	1.26	\$3,127,000	\$854,000	\$2,272,000	\$2,482,000
Cargo/Other SPV	M/V BOWSTRING	FL	300	\$1,606,500	1.26	\$2,024,000	\$854,000	\$1,170,000	\$1,606,000
Tank Barge (Single Hull)	T/B B NO. 120	MA	6,900	\$61,237,500	1.26	\$77,159,000	\$23,496,000	\$53,663,000	\$1,753,000
TOTAL						\$86,948,000	\$26,912,000	\$60,035,000	\$8,530,000

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Incident Year: 2004

Vessel Type	Project Name	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
Fishing Vessel	F/V NEW HORIZON	CA	100	\$805,300	1.23	\$990,000	\$854,000	\$136,000	\$305,000
Cargo/Other SPV	M/V SELENDANG AYU	AK	39,800	\$153,430,100	1.23	\$188,719,000	\$39,755,000	\$148,964,000	\$81,286,000
Fishing Vessel	F/V MWALIL SAAT	GU	200	\$3,413,500	1.23	\$4,199,000	\$854,000	\$3,344,000	\$3,414,000
Fishing Vessel	F/V THE BOSS	OR	200	\$926,100	1.23	\$1,139,000	\$854,000	\$285,000	\$926,000
Tank Ship (Single Hull)	T/V ATHOS I	NJ	37,900	\$252,010,800	1.23	\$309,973,000	\$121,264,000	\$188,709,000	\$210,278,000
Cargo/Other SPV	M/V ORIENTAL I	FL	200	\$727,400	1.23	\$895,000	\$854,000	\$40,000	\$727,000
TOTAL						\$505,915,000	\$164,435,000	\$341,478,000	\$296,936,000

Incident Year: 2005

Tank Barge (Double Hull)	T/B DBL 152	LA	9,700	\$55,445,400	1.19	\$65,980,000	\$19,482,000	\$46,498,000	\$19,756,000
Cargo/Other SPV	ALBION	CA	200	\$1,207,100	1.19	\$1,436,000	\$854,000	\$582,000	\$1,207,000
Cargo/Other SPV	M/V CASITAS	HI	300	\$1,710,700	1.19	\$2,036,000	\$854,000	\$1,181,000	\$1,711,000
Tank Barge (Single Hull)	T/B EMC 423	IL	1,400	\$12,778,500	1.19	\$15,206,000	\$6,408,000	\$8,798,000	\$5,839,000
Fishing Vessel	F/V MILKY WAY	WA	200	\$1,039,600	1.19	\$1,237,000	\$854,000	\$383,000	\$539,000
TOTAL						\$85,895,000	\$28,452,000	\$57,442,000	\$29,052,000

Incident Year: 2006

Cargo/Other SPV	MAMA LERE	TX	400	\$1,217,300	1.15	\$1,400,000	\$854,000	\$545,000	\$1,217,000
TOTAL						\$1,400,000	\$854,000	\$545,000	\$1,217,000

Incident Year: 2007

Cargo/Other SPV	M/V COSCO BUSAN	CA	65,100	\$110,557,900	1.12	\$123,825,000	\$65,131,000	\$58,694,000	\$4,208,000
Cargo/Other SPV	M/V SENECA	MI	200	\$1,211,000	1.12	\$1,356,000	\$854,000	\$502,000	\$1,211,000
Cargo/Other SPV	LST-1166	OR	2,400	\$5,151,000	1.12	\$5,769,000	\$2,418,000	\$3,351,000	\$5,151,000
Cargo/Other SPV	CATALA	WA	5,700	\$6,138,500	1.12	\$6,875,000	\$5,700,000	\$1,175,000	\$6,138,000
TOTAL						\$137,825,000	\$74,103,000	\$63,722,000	\$16,708,000

Incident Year: 2008

Tank Barge (Double Hull)	T/B DM932	LA	800	\$102,980,700	1.08	\$111,219,000	\$4,272,000	\$106,947,000	\$21,956,000
Cargo/Other SPV	C/V SEA WITCH	MD	17,900	\$20,629,900	1.08	\$22,280,000	\$17,902,000	\$4,378,000	\$20,630,000
Cargo/Other SPV	BIG BOY & SCOOBY DOO	PA	200	\$1,010,800	1.08	\$1,092,000	\$854,000	\$237,000	\$1,011,000
TOTAL						\$134,591,000	\$23,028,000	\$111,562,000	\$43,597,000

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Incident Year: 2009

Vessel Type	Project Name	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred
Fishing Vessel	CAPT MIKE	LA	100	\$2,413,400	1.08	\$2,606,000	\$854,000	\$1,752,000	\$2,413,000
Cargo/Other SPV	WENONAH	CA	300	\$947,800	1.08	\$1,024,000	\$854,000	\$169,000	\$948,000
Cargo/Other SPV	SOUND DEVELOPER	AK	200	\$1,657,100	1.08	\$1,790,000	\$854,000	\$935,000	\$1,657,000
Cargo/Other SPV	MONARCH	AK	300	\$2,698,200	1.08	\$2,914,000	\$854,000	\$2,060,000	\$24,000
TOTAL						\$8,334,000	\$3,416,000	\$4,916,000	\$5,042,000

Incident Year: 2010

Cargo/Other SPV	M/V PRINCESS KATHLEEN	AK	5,900	\$14,185,900	1.07	\$15,179,000	\$5,875,000	\$9,304,000	\$14,186,000
TOTAL						\$15,179,000	\$5,875,000	\$9,304,000	\$14,186,000

Incident Year: 2011

Cargo/Other SPV	DAVY CROCKETT	WA	4,600	\$22,454,700	1.03	\$23,128,000	\$4,643,000	\$18,485,000	\$22,455,000
Cargo/Other SPV	TUG TIGER	CA	200	\$2,981,500	1.03	\$3,071,000	\$854,000	\$2,217,000	\$2,981,000
TOTAL						\$26,199,000	\$5,497,000	\$20,702,000	\$25,436,000

Incident Year: 2012

Cargo/Other SPV	JIREH	PR	1,000	\$13,809,500	1.01	\$13,948,000	\$979,000	\$12,969,000	\$13,809,000
Fishing Vessel	DEEP SEA	WA	200	\$2,231,000	1.01	\$2,253,000	\$854,000	\$1,399,000	\$2,231,000
TOTAL						\$16,201,000	\$1,833,000	\$14,368,000	\$16,040,000

TOTAL 1991-2000						\$696,307,000	\$262,491,000	\$433,816,000	\$238,633,000
TOTAL 2001-2013						\$1,080,395,000	\$346,554,000	\$733,841,000	\$507,166,000

GRAND TOTAL						\$1,776,702,000	\$1,184,323,000	\$2,183,044,000	\$1,362,190,000
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SPV - Self-Propelled Vessel

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Attachment C: Incidents Exceeding Liability Limits With Limits to Achieve 50 percent Cost Share

Vessel Type: Tank Ship (Single Hull)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred	Gross Ton Liability Limits for a 50% Cost Share	Minimum Liability for a 50% Cost Share
										Shaded Area Indicates Higher Limit Which Would Be Applied	
T/V JULIE N	1996	ME	18,500	\$52,601,200	1.48	\$77,850,000	\$59,126,000	\$18,723,000	\$28,376,000	\$62,900,000	\$97,000,000
T/V ATHOS I	2004	NJ	37,900	\$252,010,800	1.23	\$309,973,000	\$121,264,000	\$188,709,000	\$210,278,000	\$128,860,000	\$97,000,000
TOTAL						\$387,823,000	\$180,390,000	\$207,432,000	\$238,654,000		

Vessel Type: Tank Barge (Single Hull)

T/B VISTABELLA	1991	PR	1,100	\$6,105,500	1.71	\$10,440,000	\$6,408,000	\$4,032,000	\$4,782,000	\$8,250,000	\$33,400,000
T/B (TAMPA BAY COLLISION)	1993	FL	9,300	\$68,900,000	1.61	\$110,929,000	\$29,638,000	\$81,291,000	\$2,397,000	\$69,750,000	\$33,400,000
T/B MORRIS J. BERMAN	1994	PR	5,400	\$95,488,300	1.57	\$149,917,000	\$23,496,000	\$126,421,000	\$95,488,000	\$40,500,000	\$33,400,000
M/V SCANDIA & T/B NORTH CAPE	1996	RI	5,500	\$49,000,000	1.48	\$72,520,000	\$23,496,000	\$49,024,000	\$9,046,000	\$41,250,000	\$33,400,000
T/B BUFFALO #292	1996	TX	1,500	\$21,517,000	1.48	\$31,845,000	\$6,408,000	\$25,437,000	\$16,810,000	\$11,250,000	\$33,400,000
T/B B NO. 120	2003	MA	6,900	\$61,237,500	1.26	\$77,159,000	\$23,496,000	\$53,663,000	\$1,753,000	\$51,750,000	\$33,400,000
T/B EMC 423	2005	IL	1,400	\$12,778,500	1.19	\$15,206,000	\$6,408,000	\$8,798,000	\$5,839,000	\$10,500,000	\$33,400,000
TOTAL						\$468,016,000	\$119,350,000	\$348,666,000	\$136,115,000		

Vessel Type: Tank Barge (Double Hull)

T/B DBL 152	2005	LA	9,700	\$55,445,400	1.19	\$65,980,000	\$19,482,000	\$46,498,000	\$19,756,000	\$81,480,000	\$44,300,000
T/B DM932	2008	LA	800	\$102,980,700	1.08	\$111,219,000	\$4,272,000	\$106,947,000	\$21,956,000	\$6,720,000	\$44,300,000
TOTAL						\$177,199,000	\$23,754,000	\$153,445,000	\$41,712,000		

Vessel Type: NTV > 300 GT

F/V TENYO MARU	1991	WA	4,200	\$6,062,900	1.71	\$10,368,000	\$4,167,000	\$6,201,000	\$6,063,000	\$5,460,000	\$18,900,000
F/V JIN SHIANG FA	1993	AS	400	\$2,013,000	1.61	\$3,241,000	\$854,000	\$2,387,000	\$2,420,000	\$520,000	\$18,900,000
F/V WINDY BAY	2001	AK	400	\$3,396,400	1.31	\$4,449,000	\$854,000	\$3,595,000	\$3,396,000	\$520,000	\$18,900,000
M/V KUROSHIMA	1997	AK	4,200	\$19,702,600	1.45	\$28,569,000	\$4,160,000	\$24,409,000	\$17,540,000	\$5,460,000	\$18,900,000
M/V KURE	1997	CA	36,000	\$47,218,900	1.45	\$68,467,000	\$36,009,000	\$32,458,000	\$29,000	\$46,800,000	\$18,900,000

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Vessel Type: NTV > 300 GT (Cont.)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred	Gross Ton Liability Limits for a 50% Cost Share	Minimum Liability for a 50% Cost Share
										Shaded Area Indicates Higher Limit Which Would Be Applied	
M/V NEW CARISSA	1999	OR	36,600	\$50,501,400	1.40	\$70,702,000	\$36,571,000	\$34,131,000	\$32,914,000	\$47,580,000	\$18,900,000
M/V STUYVESANT	1999	CA	7,100	\$11,700,000	1.40	\$16,380,000	\$7,111,000	\$9,269,000	\$379,000	\$9,230,000	\$18,900,000
M/V SERGO ZAKARIADZE	1999	PR	16,500	\$15,966,700	1.40	\$22,353,000	\$16,502,000	\$5,851,000	\$6,065,000	\$21,450,000	\$18,900,000
SS J LUCKENBACH	2001	CA	7,900	\$40,910,300	1.31	\$53,593,000	\$7,869,000	\$45,724,000	\$44,051,000	\$10,270,000	\$18,900,000
M/V SELENDANG AYU	2004	AK	39,800	\$153,430,100	1.23	\$188,719,000	\$39,755,000	\$148,964,000	\$81,286,000	\$51,740,000	\$18,900,000
MAMA LERE	2006	TX	400	\$1,217,300	1.15	\$1,400,000	\$854,000	\$545,000	\$1,217,000	\$520,000	\$18,900,000
M/V COSCO BUSAN	2007	CA	65,100	\$110,557,900	1.12	\$123,825,000	\$65,131,000	\$58,694,000	\$4,208,000	\$84,630,000	\$18,900,000
LST-1166	2007	OR	2,400	\$5,151,000	1.12	\$5,769,000	\$2,418,000	\$3,351,000	\$5,151,000	\$3,120,000	\$18,900,000
CATALA	2007	WA	5,700	\$6,138,500	1.12	\$6,875,000	\$5,700,000	\$1,175,000	\$6,138,000	\$7,410,000	\$18,900,000
C/V SEA WITCH	2008	MD	17,900	\$20,629,900	1.08	\$22,280,000	\$17,902,000	\$4,378,000	\$20,630,000	\$23,270,000	\$18,900,000
M/V PRINCESS KATHLEEN	2010	AK	5,900	\$14,185,900	1.07	\$15,179,000	\$5,875,000	\$9,304,000	\$14,186,000	\$7,670,000	\$18,900,000
DAVY CROCKETT	2011	WA	4,600	\$22,454,700	1.03	\$23,128,000	\$4,643,000	\$18,485,000	\$22,455,000	\$5,980,000	\$18,900,000
JIREH	2012	PR	1,000	\$13,809,500	1.01	\$13,948,000	\$979,000	\$12,969,000	\$13,809,000	\$1,300,000	\$18,900,000
TOTAL						\$679,245,000	\$257,354,000	\$421,890,000	\$281,937,000		

Vessel Type: NTV < or = 300 GT

F/V YU TE NO. 1	1999	AS	200	\$1,164,600	1.40	\$1,630,000	\$854,000	\$776,000	\$5,296,000	\$1,000,000	\$976,000
F/V AMIGA NO. 5	1999	AS	200	\$3,355,700	1.40	\$4,698,000	\$854,000	\$3,844,000	\$2,766,000	\$1,000,000	\$976,000
F/V KWANG MYONG	1999	AS	200	\$1,554,800	1.40	\$2,177,000	\$854,000	\$1,322,000	\$965,000	\$1,000,000	\$976,000
F/V KORAM NO. 3	1999	AS	200	\$1,403,100	1.40	\$1,964,000	\$854,000	\$1,110,000	\$813,000	\$1,000,000	\$976,000
F/V KWANG MYONG NO 72	1999	AS	200	\$2,182,900	1.40	\$3,056,000	\$854,000	\$2,202,000	\$1,593,000	\$1,000,000	\$976,000
F/V KWANG MYONG NO 58	1999	AS	200	\$1,557,600	1.40	\$2,181,000	\$854,000	\$1,326,000	\$967,000	\$1,000,000	\$976,000
F/V KORAM NO 1	1999	AS	200	\$1,378,400	1.40	\$1,930,000	\$854,000	\$1,075,000	\$788,000	\$1,000,000	\$976,000
F/V KWANG MYONG NO 51	1999	AS	200	\$1,249,200	1.40	\$1,749,000	\$854,000	\$894,000	\$659,000	\$1,000,000	\$976,000
F/V JESSICA ANN	2000	ME	200	\$947,000	1.35	\$1,278,000	\$854,000	\$424,000	\$947,000	\$1,000,000	\$976,000
F/V SWORDMAN I	2000	HI	100	\$1,528,600	1.35	\$2,064,000	\$854,000	\$1,209,000	\$1,529,000	\$500,000	\$976,000
F/V VANGUARD	2001	AK	200	\$699,800	1.31	\$917,000	\$854,000	\$62,000	\$700,000	\$1,000,000	\$976,000
F/V GENEI MARU #7	2002	AK	100	\$869,800	1.29	\$1,122,000	\$854,000	\$268,000	\$870,000	\$500,000	\$976,000
F/V TERESA LYNN	2002	FL	200	\$690,800	1.29	\$891,000	\$854,000	\$37,000	\$691,000	\$1,000,000	\$976,000
F/V NEW HORIZON	2004	CA	100	\$805,300	1.23	\$990,000	\$854,000	\$136,000	\$305,000	\$500,000	\$976,000

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Vessel Type: NTV < or = 300 GT (Cont.)

Project Name	Incident Year	Incident Location	Gross Tonnage	Total Incident Cost	Inflation Factor	Total Incident Cost (2013 Dollars)	Limits of Liability	Fund Exposure	Actual OSLTF Costs Incurred	Gross Ton Liability Limits for a 50% Cost Share	Minimum Liability for a 50% Cost Share
F/V MWALIL SAAT	2004	GU	200	\$3,413,500	1.23	\$4,199,000	\$854,000	\$3,344,000	\$3,414,000	\$1,000,000	\$976,000
F/V THE BOSS	2004	OR	200	\$926,100	1.23	\$1,139,000	\$854,000	\$285,000	\$926,000	\$1,000,000	\$976,000
F/V MILKY WAY	2005	WA	200	\$1,039,600	1.19	\$1,237,000	\$854,000	\$383,000	\$539,000	\$1,000,000	\$976,000
CAPT MIKE	2009	LA	100	\$2,413,400	1.08	\$2,606,000	\$854,000	\$1,752,000	\$2,413,000	\$500,000	\$976,000
DEEP SEA	2012	WA	200	\$2,231,000	1.01	\$2,253,000	\$854,000	\$1,399,000	\$2,231,000	\$1,000,000	\$976,000
M/V KIMTON	2001	PR	200	\$713,700	1.31	\$935,000	\$854,000	\$81,000	\$714,000	\$1,000,000	\$976,000
VICTORIA ROSE HUNT	2003	MA	100	\$1,085,700	1.26	\$1,368,000	\$854,000	\$514,000	\$94,000	\$500,000	\$976,000
M/V RED DIAMOND	2003	FL	200	\$2,595,200	1.26	\$3,270,000	\$854,000	\$2,416,000	\$2,595,000	\$1,000,000	\$976,000
CRANE BARGE MONARCH	2003	CA	200	\$2,481,700	1.26	\$3,127,000	\$854,000	\$2,272,000	\$2,482,000	\$1,000,000	\$976,000
M/V BOWSTRING	2003	FL	300	\$1,606,500	1.26	\$2,024,000	\$854,000	\$1,170,000	\$1,606,000	\$1,500,000	\$976,000
M/V ORIENTAL I	2004	FL	200	\$727,400	1.23	\$895,000	\$854,000	\$40,000	\$727,000	\$1,000,000	\$976,000
ALBION	2005	CA	200	\$1,207,100	1.19	\$1,436,000	\$854,000	\$582,000	\$1,207,000	\$1,000,000	\$976,000
M/V CASITAS	2005	HI	300	\$1,710,700	1.19	\$2,036,000	\$854,000	\$1,181,000	\$1,711,000	\$1,500,000	\$976,000
M/V SENECA	2007	MI	200	\$1,211,000	1.12	\$1,356,000	\$854,000	\$502,000	\$1,211,000	\$1,000,000	\$976,000
BIG BOY & SCOOPY DOO	2008	PA	200	\$1,010,800	1.08	\$1,092,000	\$854,000	\$237,000	\$1,011,000	\$1,000,000	\$976,000
WENONAH	2009	CA	300	\$947,800	1.08	\$1,024,000	\$854,000	\$169,000	\$948,000	\$1,500,000	\$976,000
SOUND DEVELOPER	2009	AK	200	\$1,657,100	1.08	\$1,790,000	\$854,000	\$935,000	\$1,657,000	\$1,000,000	\$976,000
MONARCH	2009	AK	300	\$2,698,200	1.08	\$2,914,000	\$854,000	\$2,060,000	\$24,000	\$1,500,000	\$976,000
TUG TIGER	2011	CA	200	\$2,981,500	1.03	\$3,071,000	\$854,000	\$2,217,000	\$2,981,000	\$1,000,000	\$976,000
TOTAL						\$64,419,000	\$28,182,000	\$36,224,000	\$47,380,000		

GRAND TOTAL						\$1,776,702,000	\$609,045,000	\$1,167,657,000	\$745,799,000		
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NTV - Non-Tank Vessel

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