An Analysis of Historical Opportunities for Dispersant and In-situ Burning Use in the Coastal Waters of the United States, except Alaska

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LIST OF ABBREVIATIONS, ACRONYMS, AND SYMBOLS

Term	Abbreviation, Acronym, or Symbol
Arthur D. Little	ADL
American Petroleum Institute	API
barrels	bbls
Chemical Hazards Information System	CHRIS
Federal On-scene Coordinator	FOSC
Environmental Protection Agency	EPA
Environmental Response Notification System	ERNS
International Tanker Owners Federation, Ltd.	ITOPF
Minerals Management Service	MMS
Marine Preservation Association	MPA
Marine Safety Information System	MSIS
Marine Spill Response Corporation	MSRC
National Contingency Plan	NCP
National Oceanic and Atmospheric Administration	NOAA
Outer Continental Shelf	OCS
Oil Spill Intelligence Report	OSIR
Pollution Incident Reporting System	PIRS
Regional Response Team	RRT
United States	U.S.
U.S. Coast Guard	USCG

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An Analysis of Historical Opportunities for Dispersant and In-situ Burning Use in the Coastal Waters of the United States, except Alaska

Abstract

This report presents a historical review of the oil spill incidents of 1,000 barrels or more that have occurred in the coastal waters of the United States, excluding Alaska, in the past 20 years where the use of dispersants or in-situ burning could have been employed. The study estimates the frequency and geographic distribution of dispersable and burnable spills by considering such criteria as oil type, weather conditions, water depth, and distance from the shoreline. It evaluates the effect of modifying the criteria to determine which ones influence the frequency distribution of dispersable and burnable spills.

Information on historical marine oil spills of 1,000 barrels or more that occurred in the coastal and offshore waters of the United States from 1973 through the first six months of 1994 was obtained from a variety of databases and reports. Each spill incident was examined using specific criteria and the total number of incidents that met each criteria were identified.

Data was obtained on 138 refined product and 69 crude oil spills. Using the base criteria, approximately 25% of the large crude oil spills and 7% of the large refined oil spills that have occurred in the past 20 years were realistic candidates for dispersant use. The majority of the crude and refined oil spills examined occurred in very shallow waters and/or very close to the shoreline. When the water depth and distance from shoreline criteria were decreased from 65 feet and 3 nautical miles to 30 feet and 0.5 nautical miles, the number of oil spills (both crude and refined) where dispersants might have been employed nearly doubled.

Using the base criteria, approximately 45% of all crude oil spills and 25% of all refined oil spills that have occurred in the last 20 years were realistic candidates for burning. The majority of the crude and refined oil spills occurred close to a sensitive receptor. When the distance from the receptor was decreased from 3 miles to 0.25 miles, the number of oil spills (both crude and refined) where burning could have been considered nearly doubled.

1.0 Introduction

Historically in the United States (U.S.), mechanical countermeasures have been the primary mechanism used to control and clean up marine oil spills. Of the 182,609 marine oil spills that have occurred in the United States from 1973 through 1991 (Brulle 1994), only a small percentage have been treated with dispersants and/or in-situ burning. The majority of these spills (177,274 or 97%) were under 50 barrels (bbls).

Spill response in the U.S. is structured in the National Contingency Plan (NCP) such that the Federal On-Scene Coordinator (FOSC) must obtain approval from the Regional Response Team (RRT) for the use of these techniques. If pre-spill authorization has not been granted for a specific region, then dispersant and burning equipment is often not pre-positioned in that area. As a result of these circumstances and structure, oftentimes a request to use dispersants or in-situ burning during a spill is not even made. When it is, many times approval is not granted because of perceived insufficient information on a specific product's ecological effect or its effectiveness under specific spill conditions. In addition, approval is often not granted in a timely manner to meet the countermeasure's window of opportunity. In the case of dispersants, for instance, approval for use must be granted in a timely manner prior to the weathering of the oil.

The Marine Preservation Association (MPA)/Marine Spill Response Corporation (MSRC) Dispersant and In-situ Burning Workgroups commissioned this study to determine the number of historical marine oil spills where dispersants and/or in-situ burning should have been seriously considered. The issue of obtaining approval was not considered as part of the study. The goal was to determine if spill conditions such as oil type, spill location and weather, might have been appropriate to engage in dispersant and/or in-situ burning application.

1.1 Project Objectives

The objective was to prepare a historical review of the oil spill incidents that have occurred in the coastal waters of the U.S. (excluding Alaska and Guam but including Hawaii, Puerto Rico and the U.S. Virgin Islands) in the past 20 years where the use of dispersants or in-situ burning could have been employed. Specifically, this study estimates the frequency and geographic distribution of dispersable and burnable spills by considering criteria such as oil type, weather conditions, water depth, and distance from the shoreline or a sensitive receptor (i.e., high value natural resource or amenity area and/or human population center). In addition, this study evaluates the effect of modifying the criteria to determine which ones influence the frequency distribution of dispersable and burnable spills.

The MPA/MSRC Workgroups will use the information from this study to evaluate the response capability requirements for using dispersants and in-situ burning in various regions of the U.S.

It is important to note that dispersant and in-situ burning use are not envisioned as ever limiting the need for mechanical countermeasures or other techniques in any specific response. Rather the intent is to better assess and thereby make available for use all the available countermeasures in an appropriate mix to minimize and better control environmental impacts in response to a spill.

2.0 Methodology

Information on historical marine oil spills of 1,000 bbls or more that occurred in the coastal and offshore waters of the U.S. (excluding Alaska) from 1973 through the first six months of 1994 was obtained from a variety of sources discussed below. The original intent of the project was to obtain information for spills of 500 bbls or more. As data collection progressed, it became apparent that critical facts of the incidents were lacking for small spills. Commonly missing information included latitude and longitude of the spill site and the type of oil involved. It was decided that 1,000 bbls was the minimum size incident where a thorough analysis could be conducted.

Following data collection, information on each incident was entered into a database created in FileMaker Pro 2.1. FileMaker Pro allows records to be sorted by any field including date, location, type of product spilled, and volume of product spilled. The record for each incident discussed in this report is included in Appendix A.

Each spill incident was examined using specific criteria discussed in Section 2.3 and the total number of incidents that met each criteria were calculated. Results are presented in Section 3.0.

2.1 Information Sources

Sources of information on historical oil spills included:

- U.S. Coast Guard (USCG) spill databases including the Pollution Incident Reporting System (PIRS) and the Marine Safety Information System (MSIS);
- Minerals Management Service (MMS) database;
- "Oil Spill Case Histories from 1967-1991: Summaries of Significant U.S. and International Spills" published by the National Oceanic and Atmospheric Administration (NOAA) Hazardous Materials Response and Assessment Division (Report No. HMRAD 92-11);
- "Evaluation of Marine Post-Spill Sites for Long-Term Recovery Studies" published by MSRC (Report No. 93-001); and
- Environmental Protection Agency's (EPA) Emergency Response Notification System (ERNS).

The International Tanker Owners Pollution Federation Ltd. (ITOPF) provided a sample of information from their database, however, it does not provide the necessary detail needed for the project.

Each source had strengths and limitations which are discussed below. Taken as a whole, the sources provided a fairly detailed database for the majority of the historical oil spills. However, a major limitation of nearly all these sources is that they do not consistently report the type of crude oil spilled. For those spills where crude oil type was not identified,

several assumptions were made to determine if the oil was dispersable. These are discussed in detail in Section 2.3 "Assumptions and Criteria for Data Analysis."

2.1.1 United States Coast Guard Pollution Incident Reporting System and Marine Safety Information System

The USCG maintains a centralized spill database to track all the spills to which the USCG responds. The spill database is divided into four groups of variables:

- General spill information, including date, time, location, etc.
- Material spilled including the type (in Chemical Hazards Response Information System [CHRIS] code) and amount;
- Source of the spill; and
- Response information including miscellaneous facts such as the total cost of cleanup.

The USCG reporting system has several limitations:

- In approximately 25 to 30% of the spills surveyed, the latitude and longitude are not reported. When latitude and longitude are provided, they are frequently incorrect and show a vessel spill as occurring on land.
- CHRIS codes are used for type of oil spilled. There are no CHRIS codes for specific crude oil types, consequently if crude oil is spilled, it is only listed as "crude."
- There is a field in the database for the specific water body affected and codes are provided which refer to specific water bodies such as "Buzzards Bay" or the "Straits of Juan de Fuca." However, in the majority of the spills surveyed, this information was entered generically by entries such as "North Atlantic Ocean coastal," "Gulf of Mexico coastal not otherwise specified," or "other coastal river not otherwise specified."

2.1.2 Minerals Management Service Database

The MMS provided information from three sources:

- MMS Worldwide Tanker Spill Database;
- Oil Spill Intelligence Report (OSIR) annual summary; and
- Outer Continental Shelf (OCS) database.

The MMS Worldwide Tanker Spill Database contains over 1,100 tanker and barge spill records

from 1955 to the present. In order to be included in this database, an incident must meet the following requirements:

- The source of the spill must be a vessel;
- The spill must be at least 1,000 bbls in size; and
- The spill must be accidental.

The OSIR annual summary includes spill information reported by OSIR from 1978 to the present for incidents (both inland and coastal) of 500 bbls or greater. The OCS database provides a listing of all incidents of 50 bbls or more from OCS incidents.

Taken as a whole, the information provided by MMS was fairly comprehensive. Information typically obtained from MMS that was not provided by the USCG database included:

- The name of the vessel involved;
- The specific gravity of the oil type spilled (from the Tanker Spill Database); and
- A description of the location (e.g., "mile 88.3 of the Mississippi River" or "1.5 miles off of Huntington Beach, CA").

One limitation to the information provided by MMS was that in approximately 50% of the spills from the Tanker Spill Database and in the majority of the spills listed in the OSIR annual summary, the specific type of crude oil spilled is not specified. In the OCS listing, no specific crude oil type was included, but can be inferred from the platform location. Often the specific gravity was still provided in the Tanker Spill Database where crude oil type was not specified. It appears this specific gravity is a generic number and does apply to a specific crude oil type.

2.1.3 "Oil Spill Case Histories from 1967-1991: Summaries of Significant U.S. and International Spills" published by the National Oceanic and Atmospheric Administration

This report was prepared in 1992 by NOAA/Hazardous Materials Response and Assessment Division for USCG Research and Development Center (NOAA 1992) and is intended to provide insight into past spills, specifically the aspects of scientific and operational decision-making. To be included in the report, a spill had to:

- exceed 10,000 bbls in U.S. waters; or
- involve the use of dispersants; or
- involve bioremediation; or
- involve severe environmental impact.

Although only major (in volume or impact) oil spills are included in this study, the information on the spills is very detailed. The specific type of crude oil spilled is always listed and often information on water depth, distance from shoreline, and weather is included.

2.1.4 "Evaluation of Marine Post-Spill Sites for Long-Term Recovery Studies" published by the Marine Spill Response Corporation

In 1992, MSRC contracted with Arthur D. Little, Inc. (ADL) to evaluate over 300 incidents for the possibility of scientifically resurveying historic oil spill sites. Minimal criteria for spill sites to be considered in the evaluation included:

- occurred prior to 1987;
- greater than 50,200 gallons (1,200 bbls) in size; and
- occurred in marine-influenced waters.

As a result of this study, ADL prepared summaries of 36 U.S. and international spills that warranted further evaluation. These summaries were useful for the present project as they provided descriptive information on the spill site, oil spilled, oil trajectory, and cleanup methods employed. A major limitation to this study was that latitude and longitude were not provided. In addition, this study only focused on major spills, thus it proved valuable in supplementing information on spills but it did not describe any additional spills that were not identified in at least one of the other sources.

2.1.5 Environmental Protection Agency's Environmental Response Notification System

ERNS is a national computer database used to store information on releases of oil and hazardous substances. Information on any release that is reported to a Federal response authority (USCG or EPA) is entered into local computers and transferred electronically to become part of the ERNS. Information is recorded in ERNS when a release is initially reported to the Federal government. Because these are initial notifications, the information is unverified. In addition, in many instances the information is incomplete in terms of location description and latitude and longitude. The type of crude oil involved is never specified. This database did not provide any additional information for the present project.

2.2 Additional Information on Weather and Location

To obtain supplemental information necessary to complete the database, three other sources of information were used:

- NOAA Navigational Charts;

- NOAA Daily Weather Maps; and
- "Weather of US Cities" (Ruffner and Bair 1985).

2.2.1 NOAA Navigational Charts

Except for spills discussed in the NOAA (1992) report "Oil Spill Case Histories from 1967-1991: Summaries of Significant U.S. and International Spills," information on water depth and distance from shoreline for specific spills was not available in the other sources. Latitude and longitude of each spill was plotted on NOAA's navigational charts to estimate water depth and distance from shoreline. For those spills which occurred on water but had a latitude and longitude that placed the spill on land, water depth was assumed to be the value at the point closest to the latitude and longitude provided; distance from shoreline was listed as "nearshore."

2.2.2 NOAA Daily Weather Maps

These maps provided historical daily weather information from National Weather Service stations located throughout the U.S. (both onshore and offshore). Information on daily average air temperature and wind speed and direction was taken from the station closest to the area of the spill.

2.2.3 "Weather of US Cities"

For those spills where daily weather information could not be obtained (primarily for spills occurring in Puerto Rico, the U.S. Virgin Islands, and Hawaii), monthly averages of air temperature, wind speed and wind direction were obtained from "Weather of US Cities" by Ruffner and Bair (1985).

2.3 Assumptions and Criteria for Data Analysis

Before conducting the data analysis, two important conditions were assumed to be valid in assessing historical opportunities for dispersant and in-situ burning use:

- Dispersants, igniting agents and application equipment for both techniques would have been available within the window of opportunity; and
- Permission to apply dispersants and to burn would have been granted.

Once these assumptions were accepted then it was possible to examine the physical conditions for each spill to determine if dispersant application or in-situ burning might have been appropriate. To do this, it was necessary to identify specific criteria as to what conditions would be suitable for dispersant application or in-situ burning. Tables 2.1 and 2.2 outline the three sets of criteria used to analyze the data for dispersant and in-situ burning use respectively. The criteria involved oil type, weather (specifically sea state), and spill location (water depth

and distance from shoreline or a sensitive receptor). One criteria not considered in this study was the presence of site-specific ecological resources. Obviously, there were some locations where, due to the presence of a sensitive resource, dispersants or burning would not be considered. However, the identification of these resources was out of the scope of the present project. The rationale for the criteria used in the study is discussed below.

2.3.1 Oil Type

2.3.1.1 Dispersant Use

Generally, dispersants are considered to be effective on light and medium weight materials where the API gravity is between 17 and 45 and the pour point is less than the water temperature (Exxon 1994, John Yeager and Assoc. 1985). The American Petroleum Institute (API) (John Yeager and Assoc. 1985) assessed the dispersability of a number of crude and refined products, based on API gravity and pour point. The study ranks each oil type using the following criteria:

1	API gravity over 45	no need to disperse
2L	API gravity 35-45 and pour point under 41°F	easily dispersed
2H	API gravity 35-45 and pour point over 41°F	difficult to disperse if water temperature below pour point
3L	API gravity 17-34 and pour point under 41°F	easily dispersed if treated promptly
3H	API gravity 17-34 and pour point over 41°F	difficult to disperse if water temperature below pour point
4	API gravity less than 17	difficult to disperse

This criteria is used in the present study to determine which oils were dispersable. All oils rated as a 2L or 3L were considered dispersable. Oils rated as a 2H or 3H were considered dispersable when the weather information for that spill day and location indicated that the water temperature was probably above the oil's pour point. Oils rated as 2H and 3H were also considered dispersable under the expanded criteria (see Table 2.1). Oils rated as 1 or 4 were not considered dispersable.

This approach to estimating dispersability of an oil type was an adequate approximation for the purposes of this study, but it does not take into consideration weathering or chemical makeup of the oil. Both of these can affect an oil's dispersability, as was the case with two oil spills, the *Puerto Rican* which involved a mixture of No. 6 fuel oil and lube oil, and the *Pac Baroness*, which involved an Intermediate Fuel Oil. These oils are not considered dispersable based on the API report, however dispersants were used during both incidents, with varying estimates of success. For the purposes of this study, both incidents were reclassified as

dispersable.

There were several crude and refined oils not listed in the John Yeager and Assoc. (1985) document where API gravity and pour point information could not be obtained. The refined oils included waste oil, clarified oil, coconut oil, carbon black, absorption oil, rosin, resin, and NSX. None of these oils were assumed to be dispersable. The crude oils included Indian, Santa Maria, and Qatar. Based on the properties of other oils from nearby fields, Indian and Qatar were assumed to be dispersable while Santa Maria was not.

Specific crude oil type was not identified in 41 out of 95 oil spills. However, given the capability of modern dispersants and the physical properties of most crude oils imported and exported throughout the U.S., there is a high probability that the unidentified crude oils in this study were dispersable. This assumption is substantiated by the fact that of the 52 spills where crude oil type was known, only three oils were not dispersable (see Table 3.4).

A final assumption relating to oil type involved several spills where two products were spilled, one of which was dispersable and one of which was not based on the assumptions above. In these situations, the incident was assumed dispersable.

2.3.1.2 In-situ Burning Use

All crude and refined oils with API gravities less than or equal to 45 were considered burnable (see Table 2.2). The 43 unidentified crude oils were also considered burnable, based on the fact that of the 52 oil spills where crude oil type was known, only one oil had an API gravity greater than 45 (see Table 3.8).

There were several crude and refined oils where the API gravity could not be obtained. The refined oils included waste oil, clarified oil, coconut oil, carbon black, absorption oil, rosin, resin, and NSX. None of these oils were assumed to be burnable. The crude oils included Indian, Santa Maria, and Qatar. All three were considered burnable.

A final assumption relating to oil type involved several spills where two products were spilled, one of which was burnable and one of which was not based on the assumptions above. In these situations, the spill was assumed to be burnable.

2.3.2 Weather and Spill Location

2.3.2.1 Dispersant Use

Weather conditions, specifically sea state, have a significant influence on oil dispersability and dispersant effectiveness. Weather information obtained for the historical spills in this study included wind speed but not sea state. Sea state is based on wave height, which covers a range of wind speeds. Using Table 5.1 from Bhattacharyya (1978) as a basis, the relationship between wind speed and sea state was inferred as shown in Table 2.3.

There are no upper limits given for sea state, although there could be extreme environmental conditions where it would be impractical or unnecessary to use dispersants (e.g., during the 1993 *Braer* incident off of the Shetland Islands). There upper sea state limit is incident specific, factors such as weather and spill location play a role in determining the limit. In this project, the majority of spills occurred during a sea state of 1 or 2. Nine spills occurred during a sea state of 5 and 3 (2 riverine and 1 coastal and offshore spill) occurred during a sea state greater than 5.

Water temperature is an important consideration for crude oils identified as "2H" and

"3H" because both are considered difficult to disperse if water temperature is below the oil's pour point. Only two oils fell into this category, Trinidad crude and Angolan Palanca crude. Although water temperature could not be obtained for either spill, it was estimated based on the time of year and location of the spill.

In addition to weather, water depth and distance from shoreline are important considerations when deciding to recommend dispersant use. Dispersants are typically not recommended in shallow waters close to shore. Table 2.1 summarizes the weather and spill conditions used for the three sets of dispersant criteria.

2.3.2.2 In-situ Burning Use

As with the use of dispersants, sea state can influence the decision to burn oil. Burning is not typically recommended if the sea state is too high (>4). Table 2.3 was used to convert wind speed information to sea state for in-situ burning analysis. The distance from a sensitive receptor also influences the use of in-situ burning. For the purposes of this study, the distance from a sensitive receptor was measured as the distance from the shoreline. The only two exceptions were where the spill occurred near an island that is essentially uninhabited. For these two spills, distance from a sensitive receptor was considered to be greater than 3 miles. Table 2.2 summarizes the weather and spill conditions used for the three sets of in-situ burning criteria.

Table 2.1 Dispersant Criteria

	Expanded Criteria	Base Criteria	Restricted Criteria
Oils deemed dispersable	per John Yeager & Assoc. (1985) document plus 2H & 3H	per John Yeager & Assoc. (1985) document	per John Yeager & Assoc. (1985) document
Distance from shore	≥ 1/4 mile	≥1/2 mile	≥3 miles
Water depth	≥10'	≥30'	≥65'
Sea state	≥0	≥2	≥3

Table 2.2 In-situ Burning Criteria

	Expanded Criteria	Base Criteria	Restricted Criteria
Oils deemed burnable	API gravity ≤45	API gravity ≤45	API gravity ≤45
Distance from sensitive receptor	≥ 1/4 mile	≥1 mile	≥3 miles
Sea state	≤4	≤4	≤4

Table 2.3 The Relationship Between Wind Speed and Sea State as Interpreted From Bhattacharyya (1978)

Wind Speed (kts)	Sea State
1 - 3	0
4 - 8	1
9 - 12	2
13 - 16	3
17 - 19	4
20 - 24	5

3.0 Results

Information was obtained on 321 crude and refined oil spills that occurred in the coastal U.S. (except Alaska) from 1973 through 1994 which were 1,000 bbls or more in size. Of the 321 spills 142 (44%) occurred in USCG District 8 (Texas to northwest Florida). Sixty-six (21%) and 45 (14%) occurred in USCG Districts 1 (Maine to New York) and 5 (New Jersey to North Carolina) respectively. The remaining 21% of the spills were distributed between USCG Districts 7 (South Carolina to Florida and Puerto Rico and the U.S. Virgin islands), 11 (California), 13 (Washington, Oregon), and 14 (Hawaii only). This information is detailed in Table 3.1 and Figure 3.1.

Of the 321 spills 138 (43%) involved refined products and 69 (21%) involved crude oils (Table 3.2 and Figure 3.2). In 114 (36%) of the incidents, oil type (crude versus a specific refined) and/or latitude and longitude were not provided by any of the information sources. In Districts 1, 5, 7, 11, and 14, refined products were involved in more spills than crude oils or "unknowns." In District 8, crude oil was involved in more spills and in District 13, "unknowns" spilled more frequently than refined products (see Table 3.3 and Figure 3.3). The 114 "unknown" spills are not considered further in the result analysis, leaving a total of 207 crude and refined oil spills that will be discussed.

Because the analysis does not consider the "unknowns," the estimate of potential events where dispersants and in-situ burning could have been considered for use might be an underestimate. If dispersants and in-situ burning could be used with the same relative frequency for unknown as for the known spills, then up to half of the 114 unknowns could be considered dispersable or burnable under the expanded criteria. However, this extrapolation of the unknown incidents was not performed because critical information (i.e., spill location or oil type) on the incidents could not be obtained and in fact, in some cases, the incident may not have occurred at all (e.g., a potential incident was erroneously entered in as an actual event).

3.1 Dispersant Use

Of the 69 crude oil spills, 35 met the expanded dispersant criteria as defined in Table 2.1. Of those 35, 17 met the base criteria and of those 17, 7 met the restricted criteria as defined in Table 2.1. Table 3.4 summarizes general information on the 69 crude oil spills and indicates which spills were dispersable by which set of criteria. This table also indicates the reason(s) why a particular spill was not dispersable [oil type (a), distance from shoreline (b), water depth (c), and/or sea state (d)]. Table 3.5 and Figure 3.4 display the breakdown of dispersable spills by USCG district.

Twenty-five of the 138 refined oil spills met the expanded dispersant criteria as defined in Table 2.1. Of the 25, 10 met the base criteria and of those 10, 6 met the restricted criteria as defined in Table 2.1. Table 3.6 summarizes general information on the 138 crude oil spills and indicates which spills were dispersable by which set of criteria. As with Table 3.4, this table also indicates the reason(s) why a particular spill was not dispersable. Table 3.7 and Figure 3.5 display the breakdown of dispersable spills by USCG district.

Figures 3.6 through 3.16 depict the more specific location of the dispersable spills in the waters of the coastal U.S. Crude oils are indicated by circles, refined oils are indicated by squares. If the spill was only dispersable under the expanded criteria, the circle or square is stippled. If it met the expanded and base criteria, the shape is filled with a grid pattern. If all three sets of dispersant criteria are met, the entire circle or square is shaded black.

3.2 In-situ Burning Use

Of the 69 crude oil spills, 40 met the expanded in-situ burning criteria as defined in Table 2.2. Of those 40, 31 met the base criteria and of those 31, 24 met the restricted criteria as defined in Table 2.2. Table 3.8 summarizes general information on the 69 crude oil spills and indicates which spills were burnable by which set of criteria. This table also indicates the reason(s) why a particular spill was not burnable [oil type (a), distance from sensitive receptor (b), and/or sea state (c)]. Table 3.9 and Figure 3.17 display the breakdown of burnable spills by USCG district.

Fifty-two of the 138 refined oil spills met the expanded in-situ burning criteria as defined in Table 2.2. Of the 52, 37 met the base criteria and of those 37, 29 met the restricted criteria as defined in Table 2.2. Table 3.10 summarizes general information on the 138 crude oil spills and indicates which spills were burnable by which set of criteria. This table also indicates the reason(s) why a particular spill was not burnable. Table 3.11 and Figure 3.18 display the breakdown of burnable spills by USCG district.

Figures 3.19 through 3.31 depict the more specific location of the burnable spills in the waters of the coastal U.S. Crude oils are indicated by circles, refined oils are indicated by squares. If the spill was only burnable under the expanded criteria, the circle or square is stippled. If it met the expanded and base criteria, the shape is filled with a grid pattern. If all three sets of burning criteria are met, the entire circle or square is shaded black.

3.3 Riverine Spills

In addition to the 69 crude and 138 refined spills, information was collected on 80 historical riverine spills. Initially, these 80 spills were thought to have occurred in coastal marine waters, however, latitudes and longitudes placed them in riverine systems. Because this study focused on coastal and open ocean systems where dispersants are traditionally considered for use, these 80 spills were removed from the analysis. As a matter of comparison with the coastal and open ocean spills, however, information on these riverine spills is depicted in Tables 3.12 through 3.15. USCG Districts 5, 8, and 13 had crude riverine oil spills (Tables 3.12 and 3.14) and USCG Districts 1, 5, 7, 8, and 13 had refined riverine oil spills (Tables 3.13 and 3.15). In District 5, 38% of the crude riverine were dispersable under the expanded criteria and in District 8, 13% were dispersable under the expanded criteria (Table 3.12). None of the crude riverine spills were dispersable under the base or restricted criteria and none of the refined riverine spills were dispersable under any of the criteria (Tables 3.12 and 3.13). The only burnable crude spills were in District 5, 38% under the expanded criteria, and in District 8, 13% under the expanded and base criteria (Table 3.14). The only refined riverine spill that was burnable was in District 8 (6%) (Table 3.15).

Table 3.1 Breakdown by Coast Guard District of 325 Petroleum Spills of 1,000 Barrels or More in the Coastal U.S. from 1973 through 1994

Coast Guard District	Total Number of Spills	Percent of Total Spills
1 (ME to NY)	66	21
5 (NJ to NC)	45	14
7 (SC to FL)	23	7
8 (FL to TX)	142	44
11 (CA)	20	6
13 (OR, WA)	17	5
14 (HI)	8	2

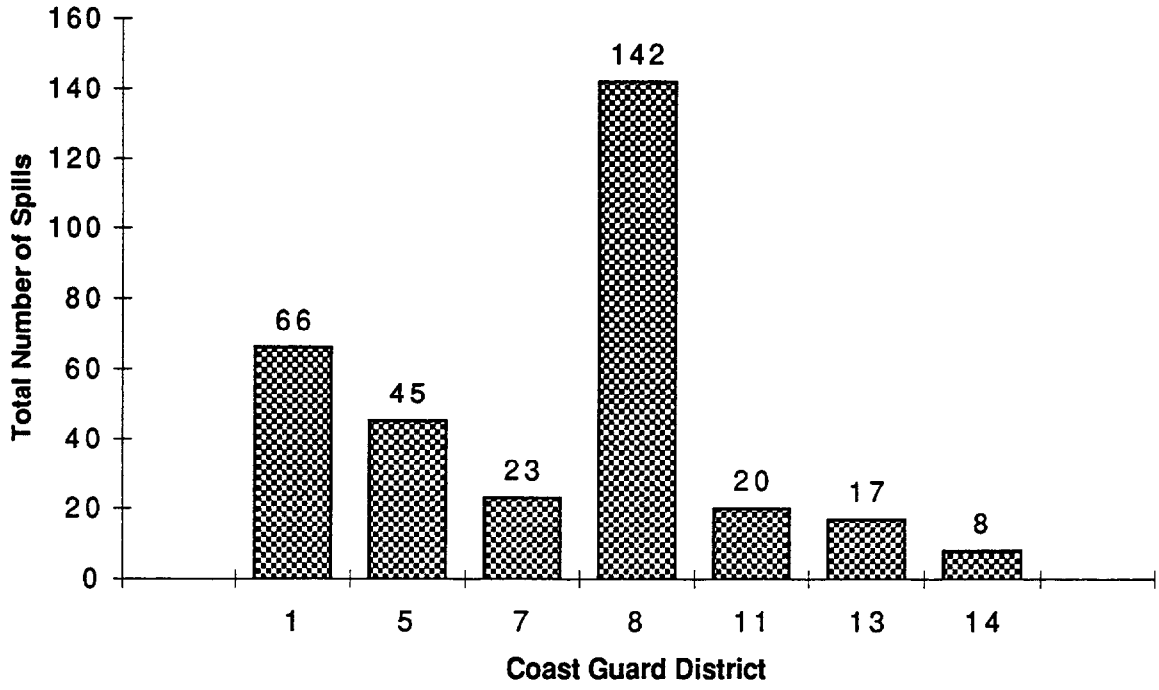


Figure 3.1 *Total number of petroleum spills of 1,000 bbls or more in the coastal U.S. from 1973 through 1994.*

Table 3.2 Breakdown by Petroleum Type of 325 Petroleum Spills of 1,000 Barrels or More in the Coastal U.S. from 1973 through 1994

Petroleum Type	Total Number of Spills	Percent of Total Spills
Crude	69	21
Refined	138	43
Unknown[1]	114	36

[1] Location and/or oil type (crude vs. refined) is unknown

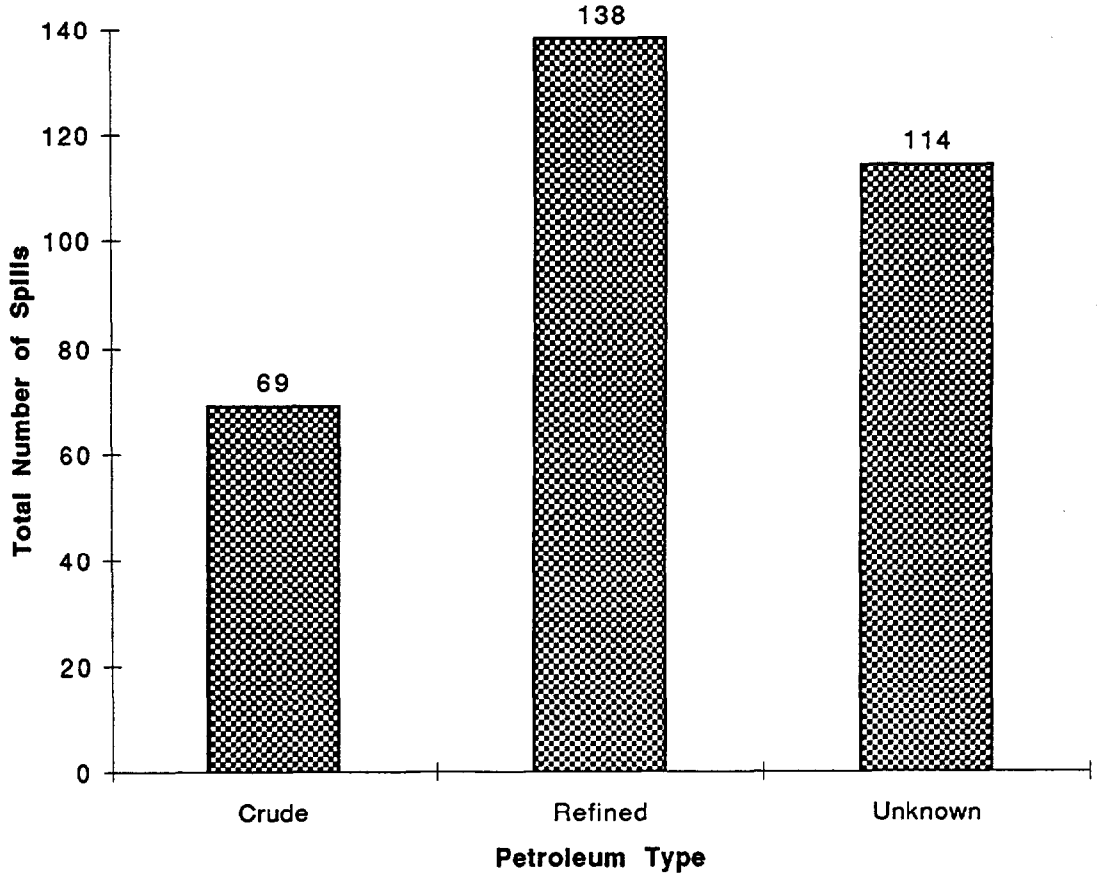


Figure 3.2 *Total number of petroleum spills of 1,000 bbls or more in the coastal U.S. from 1973 through 1994.*

Table 3.3 Breakdown by Petroleum Type and Coast Guard District of Petroleum Spills of 1,000 Barrels or More in the Coastal U.S. from 1973 through 1994

Coast Guard District	Petroleum Type	Total Number of Spills	Percent of Total Spills Within District
1	Crude	7	10
	Refined	46	70
	Unknown[1]	13	20
5	Crude	1	2
	Refined	25	54
	Unknown[1]	19	43
7	Crude	3	17
	Refined	15	63
	Unknown[1]	5	20
8	Crude	50	35
	Refined	31	22
	Unknown[1]	61	43
11	Crude	3	15
	Refined	11	55
	Unknown[1]	6	30
13	Crude	3	18
	Refined	6	35
	Unknown[1]	8	47
14	Crude	2	20
	Refined	4	40
	Unknown[1]	2	40

[1] Location and/or oil type (crude vs. refined) is unknown

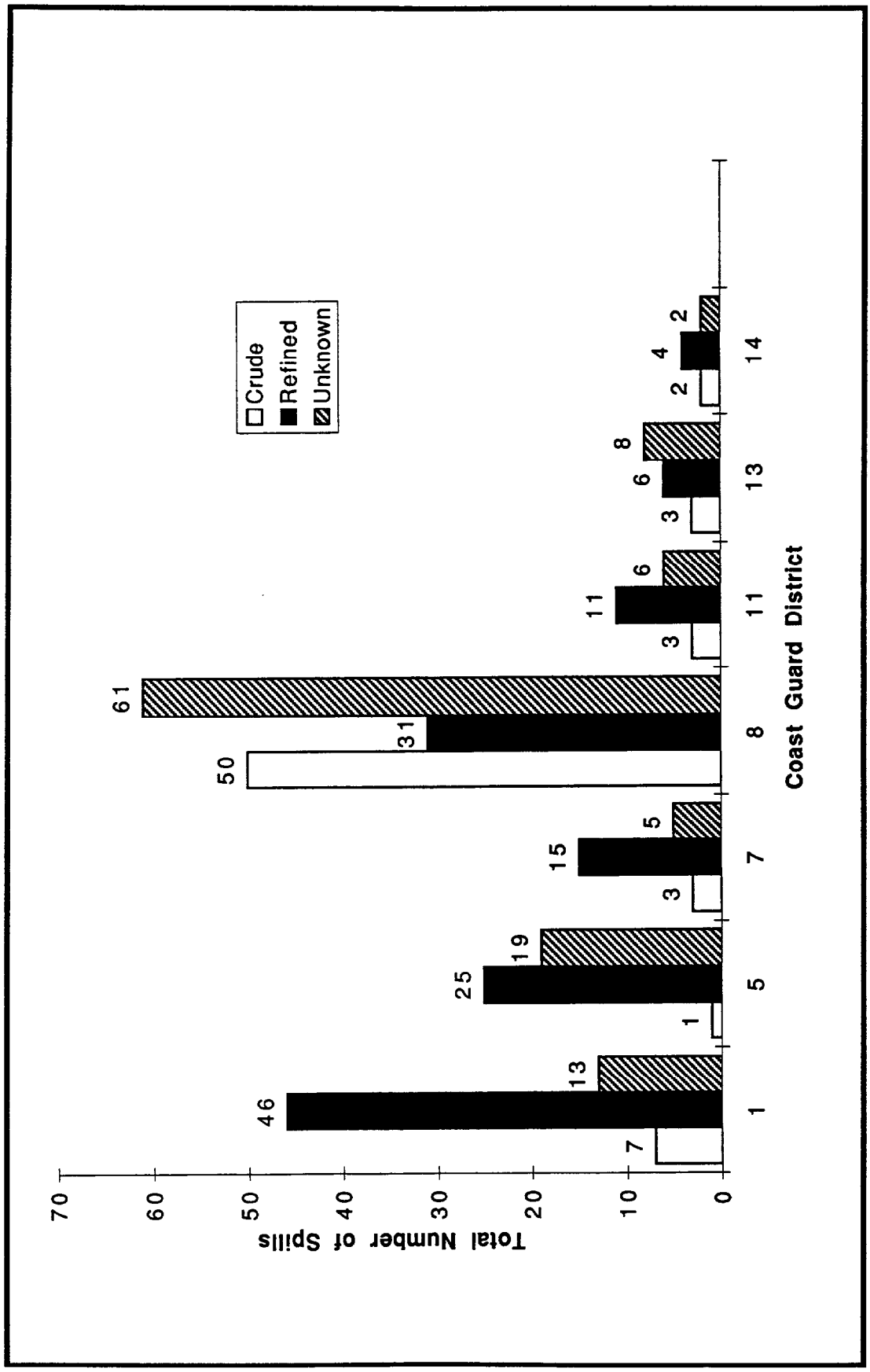


Figure 3.3 *Total number of petroleum spills of 1,000 barrels or more in the coastal U.S. from 1973 through 1994 by USCG District and petroleum type.*

Table 3.4 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
22	Crystal Kobus	1/10/73	1	Atlantic Ocean off of MA	Indonesian Crude	1,297	N (b, c)	N (b, c)	N (b, c, d)
29	Esso Brussels	6/2/73	1	New York Harbor, NY	Nigerian Crude	36,650	N (b)	N (b, d)	N (b, c, d)
17	Lalibella	12/21/73	1	Cape Cod Bay, MA	Unidentified Crude	5,864	N (c)	N (b, c, d)	N (b, c, d)
28		1/19/74	1	Long Island Sound, NY	Basrah Crude	2,000.00	N (b)	N (b, c)	N (b, c, d)
15	Athenian Star	1/20/75	1	Atlantic Ocean off of NH	Unidentified Crude	17,000	Y	Y	Y
14	J.R. Grey	6/30/76	1	Bay of Fundy off of ME	Unidentified Crude	2,000.00	Y	N (d)	N (d)
31		12/26/88	1	New York Harbor, NY	Ekofisk Crude	1,500	N (b, c)	N (b, c)	N (b, c)
	USCG DISTRICT 1					TOTAL DISPERSABLE	2 of 7	1 of 7	1 of 7
32	Richard Sauer	10/29/76	5	Sandy Hook Bay, NJ	Light Arabian	6,600.00	N(b)	N (b)	N (b, c, d)
	USCG DISTRICT 5					TOTAL DISPERSABLE	0 of 1	0 of 1	0 of 1
35	Zoe Colocotroni	3/18/73	7	Bahia Sucia, PR	Venezuelan Crude	37,579	Y*	Y*	N (b, c)*
33	Michael Lemos	1/22/75	7	Caribbean Sea, USVI	Iranian Crude	8,952	Y*	N (c, d)*	N (b, c, d)*
34	Theopaes	8/21/78	7	Caribbean Sea, PR	Unidentified Crude	1,297	Y*	Y*	N (d)*
	USCG DISTRICT 7					TOTAL DISPERSABLE	3 of 3	2 of 3	0 of 3
116	West Delta 79	1/9/73	8	Gulf of Mexico, TX	S. LA Crude	9,935	Y	Y	Y
115	South Pelto Block 23	1/26/73	8	Gulf of Mexico, TX	S. LA Crude	7,000	Y	Y	N (c, d)
117	West Delta 73	5/12/73	8	Gulf of Mexico, TX	S. LA Crude	5,000	Y	N (d)	N (d)
65		6/23/73	8	Sabine Pass, TX	Unidentified Crude	2,385.71	N (b, c)	N (b, c, d)	N (b, c, d)
75		7/8/73	8	Trinty Bay	Unidentified Crude	1,000	N (b, c)	N (b, c, d)	N (b, c, d)
79	Splendid Arrow	9/9/73	8	Galveston Bay	Qatar Crude	3,666	Y	N (b, c, d)	N (b, c, d)
118	Eugene Island 317	4/17/74	8	Gulf of Mexico, TX	S. LA Crude	19,833	Y	Y	Y
120	Main Pass 73	9/11/74	8	Gulf of Mexico, TX	S. LA Crude	3,500	Y	Y**	Y**
83	Dagny	10/9/74	8	C. Christi Inner Harbor	Unidentified Crude	7,300	N (b, c)	N (b, c)	N (b, c, d)
84		12/2/74	8	C. Christi Inner Harbor	Unidentified Crude	1,281	N (b, c)	N (b, c)	N (b, c, d)
45	TS-85	1/29/75	8	Breton Sound, LA	Unidentified Crude	1,500	N (c)	N (c)**	N (b, c)**
86	Globtik Sun	8/15/75	8	Gulf of Mexico, LA	Arabian Crude	7,000	Y	N (d)	N (d)
72	Amoco Yorktown	12/24/75	8	Galveston Bay, TX	Trinidad Crude	1,800	N (b)	N (a, b, c)	N (a, b, c, d)
46		2/14/76	8	Breton Sound, LA	Unidentified Crude	1,333.33	N (b, c)	N (b, c)	N(b, c, d)
87		12/18/76	8	Gulf of Mexico, LA	S. LA Crude	1,300	Y	N (d)	N (d)

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.4 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
37		1/25/77	8	St. Andrews Bay	Unidentified Crude	1,119	N (b, c)	N (c)	N (b, c, d)
44	Dauntless Colocotronis	7/22/77	8	Breton Sound, LA	Arabian Light	15,000	N (c)	N (c, d)	N (b, c, d)
40	Chotin 2546	2/6/78	8	Mobil Bay, AL	Indian Crude	1,600	N (c)	N (c)	N (b, c)
108		9/21/78	8	Intercoastal Waterway	Unidentified Crude	32,520	N (b)	N (b, c, d)	N (b, c, d)
38		1/11/79	8	Pensacola Bay, FL	Unidentified Crude	1,904.76	N (b, c)	N (b, c)	N (b, c)
39	Zamora	3/1/79	8	Mobile Harbor, AL	Unidentified Crude	1,881	N (c)	N (c, d)	N (b, c, d)
63		7/26/79	8	Intercoastal Waterway	Unidentified Crude	2,000	N (b, c)	N (b, c)	N (b, c, d)
47		8/5/79	8	Breton Sound, LA	Unidentified Crude	1,000	Y	N (c, d)	N (b, c, d)
68	Burmah Agate	11/1/79	8	Gulf of Mexico, TX	Nigerian Crude	254,761	Y	N (d)	N (c, d)
78		3/20/80	8	Galveston Bay	Unidentified Crude	8,797	Y	N (b, c, d)	N (b, c, d)
106		9/17/80	8	Intercoastal Waterway	Light Crude	1,300	N (b, c)	N (b, c, d)	N (b, c, d)
69		11/17/80	8	Gulf of Mexico, TX	Medium Crude	1,452	Y	Y	N (c, d)
48	Georgia	11/22/80	8	Gulf of Mexico	Unidentified Crude	32,000	Y	N (b, d)	N (b, c, d)
113	Ship Shoals Block 113	2/15/81	8	Gulf of Mexico, TX	S. LA Crude	2,381	Y	N (d)	N (c, d)
56		9/19/81	8	Bayou Colyell	Unidentified Crude	4,000	N (b, c)	N (b, c, d)	N (b, c, d)
41		10/27/81	8	Mobil Bay, AL	Unidentified Crude	1,785.71	N (b)	N (b, c)	N (b, c, d)
121	South Pass 60	12/11/81	8	Gulf of Mexico, TX	S. LA Crude	5,100	Y	Y	N (b)
82		12/22/82	8	Nueces Bay	Unidentified Crude	2,534	N (b, c)	N (b, c)	N (b, c, d)
81	Caribbean Courage	6/3/83	8	Corpus Christi Bay	Unidentified Crude	1,200	N (b, c)	N(b, c, d)	N (b, c, d)
88	Alvenus	7/30/84	8	Gulf of Mexico, TX	Venezulean Merey	65,500	N (a)	N (a)	N (a, c)
109		1/30/85	8	Intercoastal Waterway	Unidentified Crude	1,998.05	N (b)	N (b, c, d)	N (b, c, d)
64		3/18/85	8	Intercoastal Waterway	Unidentified Crude	3,000	N (b, c)	N (b, c, d)	N (b, c, d)
100		9/30/85	8	Atchafalaya Bay	Arabian Heavy	1,500	Y	N (b, d)	N (b, c, d)
107		7/7/86	8	Intercoastal Waterway	S. LA Crude	7,500	N (b)	N (b, c, d)	N (b, c, d)
67	Jorgen J. Lorentzen	10/17/86	8	Gulf of Mexico, TX	Unidentified Crude	1,190	Y	N (d)	N (d)
122	Galveston 2A	2/7/88	8	Gulf of Mexico, TX	S. LA Crude	15,576	Y	N (d)	N (d)
90		2/8/88	8	Gulf of Mexico, TX	Light Crude	14,000	Y	N (d)	N (c, d)
85	Nord Pacific	7/13/88	8	C. Christi Inner Harbor	North Sea Crude	15,350	N (b, c)	N (b, c, d)	N (b, c, d)
114	Ship Shoals Block 281	1/24/90	8	Gulf of Mexico, TX	S. LA Crude	14,423	Y	Y	N (d)
89	Mega Borg	6/8/90	8	Gulf of Mexico, TX	Angolan Palanca	100,000	Y	Y	N (d)
74		9/5/91	8	Intercoastal Waterway	High Island Crude	1,000	N (b, c)	N (b, c, d)	N (b, c, d)
71	Shoku Maru	7/1/92	8	Texas City Harbor	Heavy Mayan	2,310	N (b, c)	N (b, c, d)	N (b, c, d)
123	South Pelto 8	8/31/92	8	Gulf of Mexico, TX	S. LA Crude	2,000	Y	Y	N (c, d)
57		9/23/92	8	Gulf of Mexico, LA	Light Crude	11,500	Y	N (c)	N (c, d)
66		11/8/93	8	Gulf of Mexico, TX	Unidentified Crude	3,405	Y	Y**	N (c)**
USCG DISTRICT 8						TOTAL DISPERSABLE	24 of 50	18 of 50	3 of 50

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.4 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
126	Sansinena	12/17/76	11	Los Angeles Harbor	Indonesian Light	30,000	Y	N (d)	N (b, c, d)
127	John McCone	12/28/80	11	Santa Monica Bay	Minas Crude	2,000	N (b, c)	N (a, b, c, d)	N (a, b, c, d)
124	American Trader	2/7/90	11	Pacific Ocean	North Slope Crude	9,458	Y	Y	Y
	USCG DISTRICT 11					TOTAL DISPERSABLE	2 of 3	1 of 3	1 of 3
129		1/10/73	13	Bellingham Bay	Unidentified Crude	10,476.19	N (b)	N (b, c, d)	N (b, c, d)
130	Arco Anchorage	12/21/85	13	Strait of Juan de Fuca	North Slope Crude	5,690	Y	N (b, d)	N (b, c, d)
131		2/22/91	13	Fidalgo Bay	North Slope Crude	2,000	Y	Y	N (b, d)
	USCG DISTRICT 13					TOTAL DISPERSABLE	2 of 3	1 of 3	0 of 3
132	Irene's Challenge	1/18/77	14	Pacific Ocean, HI	Venezulean Crude	237,600	Y	Y*	Y*
133		8/26/83	14	Pacific Ocean, HI	Unidentified Crude	23,816.65	Y	Y*	Y*
	USCG DISTRICT 14 (Hawaii only)					TOTAL DISPERSABLE	2 of 2	2 of 2	2 of 2

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

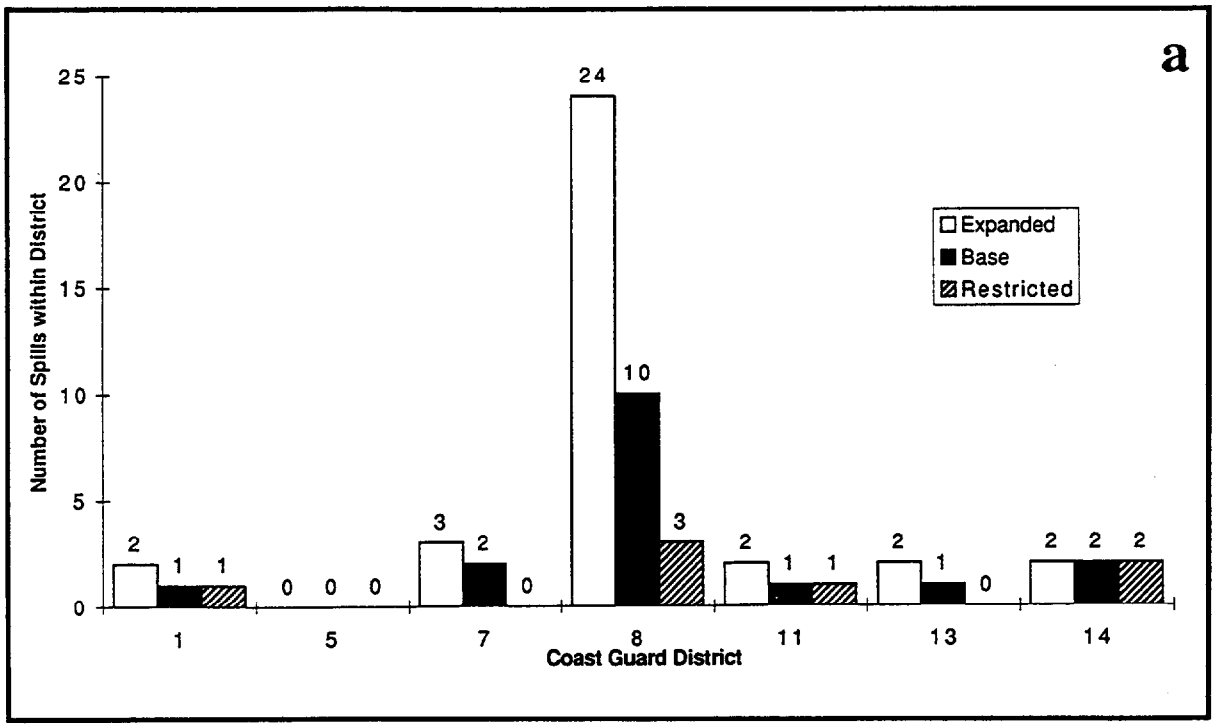
Table 3.5 Crude Coastal and Open Ocean Oil Spills of 1,000 Barrels or in the U.S. (except AK) From 1973 through 1994 That Met Expanded, Base and/or Restricted Dispersant Criteria

USCG District	Expanded Criteria[1]	Base Criteria[2]	Restricted Criteria[3]
1	2 of 7 (29%)	1 of 7 (14%)	1 of 7 (14%)
5	0 of 1 (0%)	0 of 1 (0%)	0 of 1 (0%)
7	3 of 3 (100%)	2 of 3 (75%)	0 of 3 (0%)
8	24 of 50 (48%)	10 of 50 (20%)	3 of 50 (6%)
11	2 of 3 (67%)	1 of 3 (33%)	1 of 3 (33%)
13	2 of 3 (67%)	1 of 3 (33%)	0 of 3 (0%)
14	2 of 2 (100%)	2 of 2 (100%)	2 of 2 (100%)
TOTAL	**35 of 69 (51%)**	**17 of 69 (25%)**	**7 of 69 (10%)**

1 oils deemed dispersable = 2L, 3L, 2H, 3H (John Yeager and Assoc. 1985)
distance from shoreline = ≥1/4 mile
water depth = ≥10 feet
sea state = ≥0

2 oils deemed dispersable = 2L, 3L (John Yeager and Assoc. 1985)
distance from shoreline = ≥1/2 mile
water depth = ≥30 feet
sea state = ≥2

3 oils deemed dispersable = 2L, 3L (John Yeager and Assoc. 1985)
distance from shoreline = ≥3 mile
water depth = ≥65 feet
sea state = ≥3



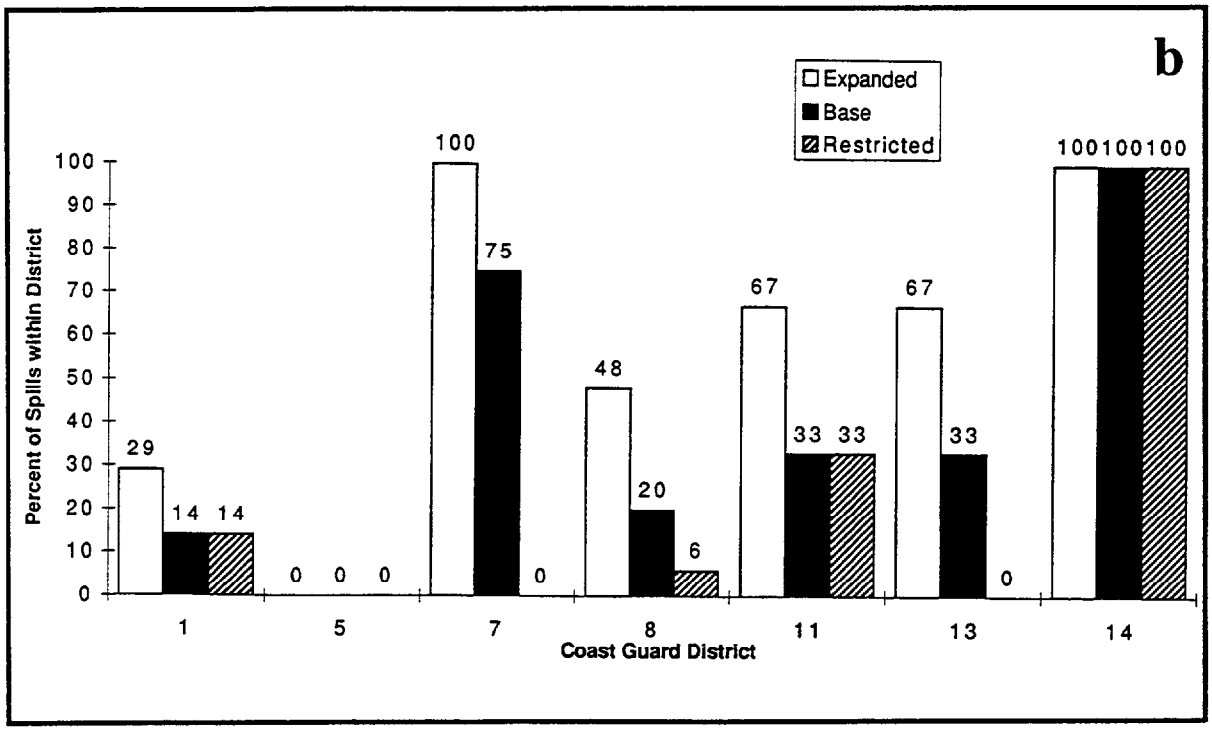


Figure 3.4 *Crude oil spills of 1,000 barrels or more in the coastal United States from 1973 through 1994 where dispersants could have been considered for use. a) number of spills; b) percentage of spills*

Table 3.6 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
23	Helena Venizelos	1/16/73	1	Salem Sound, MA	No. 6 Fuel	1,310	N (a, b)	N (a, b)	N (a, b, c, d)
24	Atholl McBean	1/16/73	1	Salem Sound, MA	No. 6 Fuel	1,169	N (a, b)	N (a, b)	N (a, b, c)
11	Pennant	4/9/73	1	Naragansett Bay, RI	No. 6 Fuel	6,597	N (a)	N (a, c)	N (a, b, c, d)
18		4/24/73	1	Boston Harbor, MA	No. 6 Fuel	2,024	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
134		5/21/73	1	Long Island Sound	Clarified Oil	1,666.67	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
135	Petrola	6/3/73	1	Atlantic Ocean	No. 6 Fuel	20,000	N (a)	N (a)	N (a, b, c)
138		10/15/73	1	Atlantic Ocean off of NY	No. 2 Fuel	1,904.76	Y	Y	N (c)
169		11/9/73	1	Atlantic Ocean	Auto. Gasoline	2,800	N (a)	N (a)**	N (a, c)
19		11/30/73	1	Boston Harbor, MA	No. 2 Fuel	4,047.62	N (b)	N (b)	N (b, c)
139	Messiniaki Bergen	10/6/74	1	Long Island Sound	No. 6 Fuel	2,500	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
140	Bouchard 115	10/7/75	1	East River, NY	No. 4/No. 6 Fuel	2,248	N (a, b)	N (a, b, d)	N (a, b, c, d)
141	Delaware	12/31/75	1	Long Island Sound	No. 2 Diesel	2,146	N (b, c)	N (b, c, d)	N (b, c, d)
96	Argo Merchant	12/15/76	1	Nantucket Shoals, MA	No. 6 Fuel	183,330	N (a, c)	N (a, c)	N (a, c)
26	Bouchard #65	1/28/77	1	Buzzards Bay, MA	No. 2 Fuel	1,932.00	Y	N (d)	N (b, c, d)
9		6/6/77	1	Casco Bay, ME	Diesel	3,047.62	Y	N (c, d)	N (b, c, d)
144		7/17/77	1	Long Island Sound	No. 1 Diesel	1,190.48	Y	N (c)	N (b, c, d)
145	Bouchard 100	1/9/78	1	Northport Bay, NY	No. 1/No. 2 Fuel	7,810	N (b)	N (b, c)	N (b, c)
20		1/15/78	1	Boston Harbor, MA	No. 1 Diesel	1,353.57	N (b, c)	N (b, c, d)	N (b, c, d)
25	Global Hope	2/7/78	1	Salem Sound, MA	Lube Oil	3,665	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
92		2/8/78	1	Boston Harbor, MA	Gasoline	32,040.07	N (a, b, c)	N (a, b, c)	N (a, b, c)
12	Ocean 250	3/16/78	1	Block Island Sound, RI	Aviation Gasoline	16,249	N (a)	N (a)	N (a, b, d)
146	Penn. and Gracie Moran	7/31/78	1	Rockaway Inlet, NY	No. 6/No. 2 Fuel	1,000	Y	N (b, c)	N (b, c, d)
147	George Whitlock 2	10/27/78	1	Long Island Sound	Gasoline	4,398	N (a)	N (a)	N (a, b, d)
149	Robert Poling	12/8/78	1	Gravesend Bay, NY	Unleaded Gasoline	1,190	N (a)	N (a, c)	N (a, b, c)
191	Barge No. 105	2/5/79	1	East River	No. 6 Fuel	1,859	N (a, b)	N (a, b, c)**	N (a, b, c)
16	Regal Sword	6/18/79	1	Chatham Harbor, MA	Bunker C/Diesel	2,143	N (b, c)	N (b, c)	N (b, c, d)
151	Sea Speed Arabia	6/30/79	1	Upper Harbor, NY	No. 2/No. 6 Fuel	2,857	N (b, c)	N (b, c)	N (b, c, d)
93	Donau Maru	12/19/79	1	Boston Harbor, MA	No. 6 Fuel	5,952	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
152		1/11/80	1	Kill Van Kull, NY	No. 1 Diesel	5,000	N (b, c)	N (b, c)	N (b, c)
10	Christian Reinauer	11/21/80	1	Atlantic Ocean off of ME	No. 2/Gasoline	2,381	N (b, c)	N (b, c, d)	N (b, c, d)
153	Concho	1/19/81	1	Gravesend Bay, NY	No. 6 Fuel	18,149	N (a)	N (a, b, c)	N (a, b, c)
21		1/28/82	1	Boston Harbor, MA	No. 5 Fuel	1,190.48	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
154		3/4/82	1	Jamaica Bay, NY	No. 2 Fuel	1,900	N (c)	N (b, c)	N (b, c)
156	Flannulina	1/22/84	1	Arthur Kill	Gasoline	1,500	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
157		11/26/84	1	Huntington Harbor, NY	No. 1 Diesel	142,857.60	N (b)	N (b, c, d)	N (b, c, d)
94	BFT #24	2/4/86	1	Boston Harbor, MA	No. 6 Fuel	3,505	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
30	Lindsey Frank	2/11/86	1	Gravesend Bay	Coconut Oil	1,786	N (a)	N (a, b, c)	N (a, b, c)
27	ST-85	9/17/86	1	Buzzards Bay, MA	Gasoline	2,851	N (a)	N (a)	N (a, b, c, d)
158	Amazon Venture	11/16/86	1	Jamaica Bay, NY	No. 6 Fuel	11,900	N (a, c)	N (a, b, c, d)	N (a, b, c, d)

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.6 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
339	Barge No. 115	1/14/89	1	Long Island Sound	No. 6 Fuel	1,200	N (a)	N (a, c)	N (a, b, c)
13	World Prodigy	6/23/89	1	Naragansett Bay, RI	No. 2 Fuel	6,873	Y	Y	N (b, c, d)
161	Cibro Philadelphia	12/15/89	1	Upper Bay, NY	No. 6 Fuel	1,000	N (a, b)	N (a, b, c)	N (a, b, c, d)
162		1/2/90	1	Arthur Kill	No. 2 Heating Oil	13,500	N (b, c)	N (b, c)	N (b, c, d)
163	BT Nautilus	6/7/90	1	Kill Van Kull, NY	Heating/No. 6 Fuel	6,024	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
164	Exxon Barge #25	9/17/90	1	Upper Bay, NY	No. 6 Fuel	1,405	N (a, b, c)	N (a, b, c)	N (a, b, c)
165	Sarah Frank	9/17/90	1	Kill Van Kull, NY	Waste Oil	1,190	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
	USCG DISTRICT 1					TOTAL DISPERSABLE	6 of 46	2 of 46	0 of 46
167		3/6/73	5	Raritan Bay	No. 4 Fuel	2,119.05	N (c)	N (c)	N (b, c)
170		12/28/73	5	Delaware Bay	No. 4 Fuel	4,761.90	Y	N (c, d)	N (c, d)
174		5/5/74	5	Kill Van Kull	Mineral Seal	2,190.48	N (b, c)	N (b, c, d)	N (b, c, d)
175	Spartan Lady	4/4/75	5	Atlantic Ocean	No. 6 Fuel	142,857	N (a)	N (a)	N (a)
176	Shamrock	8/10/75	5	Chesapeake Bay	No. 6 Fuel	3,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
179	STC-101	2/2/76	5	Chesapeake Bay	No. 6 Fuel	5,959	N (a)	N (a)	N (a)
184	O N 535880 No. 105	2/1/77	5	Raritan Bay	No. 6 Fuel	2,381	N (a, b)	N (a, b, d)	N (a, b, c, d)
187		8/21/77	5	Atlantic Ocean	No. 6 Fuel	1,055	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
190	Broland	2/9/78	5	Raritan Bay	Auto. Gasoline	1,429	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
189		12/5/78	5	Upper Bay	No. 1 Diesel	5,000	N (b)	N (b, c, d)	N (b, c, d)
192		5/24/79	5	Arthur Kill	No. 1 Diesel	5,000	N (b, c)	N (b, c)	N (b, c, d)
193		12/16/79	5	Atlantic Ocean	No. 1 Diesel	2,023.81	Y	Y	Y
194	Southwest Cape	2/26/80	5	Raritan Bay	No. 6 Fuel	6,714	N (a, b, c)	N (a, b, c)	N (a, b, c)
195	Ethel H	3/5/80	5	Raritan Bay	No. 6 Fuel	10,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
197		9/9/80	5	Chesapeake Bay	No. 1 Diesel	3,333.33	Y	N (b, c, d)	N (b, c, d)
198	Suffolk	11/2/80	5	Kill Van Kull	No. 6 Fuel	2,738	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
199	Hellenic Carrier	5/6/81	5	Atlantic Ocean	Diesel	3,571	Y	N (d)	N (d)
200	Meton	7/10/81	5	Atlantic Ocean	No. 6 Fuel	1,095	N (a)	N (a, d)	N (a, d)
202		2/12/83	5	Chincoteague Channel	No. 6 Fuel	3,500	N (a, b)	N (a, b, c)	N (a, b, c)
204		3/26/84	5	Arthur Kill	Asphalt blending	1,104	N (a, b, c)	N (a, b, c)	N (a, b, c)
208	Kazimierz Pulaski	9/15/85	5	Kill Van Kull	No. 6 Fuel	1,905	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
209		3/7/86	5	Arthur Kill	No. 2 Diesel	1,714	N (b, c)	N (b, c)	N (b, c)
210	East. Carriers Barge	8/24/88	5	Chesapeake Bay	Diesel/Gasoline	5,048	N (b)	N (b, c)	N (b, c, d)

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.6 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
212	Cibro Savannah	3/6/90	5	Arthur Kill	No. 2 Heating	1,286	N (b, c)	N (b, c)	N (b, c)
213	Ocean 192	8/19/90	5	Delaware Bay	Gasoline	3,619	N (a)	N (a)	N (a, b, d)
	USCG DISTRICT 5					TOTAL DISPERSABLE	4 of 25	1 of 25	1 of 25
219	Garbis	7/20/75	7	Straits of Florida	No. 6 Fuel	2,698	N (a, c)	N (a, c, d)	N (a, b, c, d)
220	Z-102	12/9/75	7	Ensenada de Boca Vieja	No. 6 Fuel/Diesel	7,679	N (b)	N (b, c)*	N (b, c, d)*
221	New York	1/9/77	7	Tampa Bay	No. 2 Diesel	1,929	N (b, c)	N (b, c, d)	N (b, c, d)
222	Claude Conway	3/20/77	7	Atlantic Ocean	No. 6 Fuel	14,660	N (a)	N (a)	N (a)
224	Peck Slip	12/19/78	7	Caribbean Sea	No. 6 Fuel	10,500	N (a, b)	N (a, b, c)*	N (a, b, c, d)*
225		4/20/79	7	Las Cabritas Bajo	No. 2 Fuel	2,143	N (b)	N (b, c)*	N (b, c, d)*
227	New York	1/17/80	7	Atlantic Ocean	Auto. Gasoline	1,643	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
229		5/4/84	7	Tampa Bay	No. 1 Diesel	1,890	N (c)	N (c)	N (b, c, d)
230	Saint Thomas	2/7/86	7	Crown Bay, USVI	No. 5 Fuel	1,500	N (a)	N (a)**	N (a, b)**
235		9/18/89	7	Caribbean Sea	No. 6 Fuel	2,500	N (a)	N (a, b, c)**	N (a, b, c)**
236		8/24/92	7	Biscayne Bay	No. 6 Fuel	2,500	N (a, b, c)	N (a, b, c)	N (a, b, c)
237	Roatan Express	10/1/92	7	Gulf of Mexico	Diesel Fuel	3,450	Y	N (d)	N (d)
239	B No. 155	8/10/93	7	Tampa Bay	No. 6 Fuel	7,833	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
238	Ocean 255	8/10/93	7	Tampa Bay	No. 6 Fuel	230,952	N (a, c)	N (a, b, c)	N (a, b, c, d)
240	Morris J. Berman	1/7/94	7	Atlantic Ocean	No. 6 Fuel	17,857	N (a, b, c)	N (a, b, c)**	N (a, b, c)**
	USCG DISTRICT 7					TOTAL DISPERSABLE	1 of 15	0 of 15	0 of 15
260		1/19/73	8	Mobile Bay	No. 2 Fuel	1,536.43	Y	N (c)	N (c, d)
261		3/6/73	8	Gulf of Mexico	Aviation Gasoline	1,166.67	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
266	TM-10	7/8/74	8	Gulf of Mexico	No. 6 Fuel	9,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
271		10/16/75	8	Gulf of Mexico	Clarified	60,000	N (a, c)	N (a, c)	N (a, b, c)
273	National Marine Service	5/4/76	8	Galveston Bay	No. 6 Fuel	5,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
275	Exxon 119	1/27/77	8	Gulf of Mexico	Gasoline	3,665	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
276		5/9/77	8	Gulf of Mexico	Asphalt	1,202.38	N (a)	N (a, c, d)	N (a, b, c, d)
277		6/7/77	8	Corpus Christi Bay	Auto. Gasoline	5,200	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
279	STCO-213	10/31/77	8	Galveston Bay	No. 6 Fuel	1,000	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
282	Bayou Willow	1/23/78	8	Galveston Bay	No. 6 Fuel	1,200	N (a)	N (a, c, d)	N (a, b, c, d)
283	Domar 6501	1/31/78	8	Gulf of Mexico	No. 6 Fuel	6,000	N (a)	N (a, c)	N (a, c, d)

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.6 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
285		2/26/78	8	Sabine Pass	Auto. Gasoline	1,600	N (a, b)	N (a, b)	N (a, b, c, d)
287	Rollnes	5/26/78	8	Mobile Bay	Gasoline	2,023	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
288	Idan	8/20/78	8	Gulf of Mexico	No. 6 Fuel	7,330	N (a)	N (a, d)	N (a, d)
290	Amoco Cremona	2/6/79	8	Galveston Bay	No. 6 Fuel	1,140	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
294	STCO-228	3/17/79	8	Galveston Bay	Aviation Gasoline	4,000	N (a, c)	N (a, c)	N (a, b, c, d)
297		11/24/79	8	Gulf of Mexico	Diesel Fuel	1,500	Y	Y**	Y**
299	Ocean Cities	2/23/80	8	Gulf of Mexico	Aviation Gasoline	5,000	N (a)	N (a, d)	N (a, d)
302	Exxon Houston	7/26/80	8	Gulf of Mexico	No. 2 Fuel	2,857	Y	N (d)	N (d)
304	Texaco North Dakato	8/21/80	8	Gulf of Mexico	Gasoline	18,000	N (a)	N (a, d)	N (a, d)
306	Hannah 4001	1/4/81	8	Gulf of Mexico	Gasoline	29,320	N (a)	N (a, d)	N (a, b, d)
312	APT 150	11/27/82	8	Mississippi Sound	Naphtha	1,000	N (a)	N (a, c, d)	N (a, b, c, d)
313		3/10/83	8	Gulf of Mexico	Light Diesel	1,143	Y	N (d)	N (d)
317	American Eagle	2/26/84	8	Gulf of Mexico	No. 6 Fuel	3,665	N (a)	N (a)	N (a, d)
319		12/16/84	8	Galveston Bay	Aviation Gasoline	5,452	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
323		7/13/85	8	Galveston Bay	Mineral Seal	25,000	N (b, c)	N (b, c, d)	N (b, c, d)
328	Domar 115	1/17/88	8	Gulf of Mexico	Auto. Gasoline	7,000	N (a)	N (a)	N (a, b, c, d)
234	Exxon Barge 503	9/5/88	8	Gulf of Mexico	No. 2 Diesel	3,004	Y	Y	N (d)
330	USS Texas	12/14/88	8	Galveston Bay	No. 6 Fuel	1,095	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
331	Coastal Towing Barge	6/23/89	8	Galveston Bay	No. 6 Fuel	6,000	N (a, b)	N (a, b, c)	N (a, b, c, d)
334	Apex Barges 3417/3503	7/28/90	8	Galveston Bay	No. 5 Fuel	16,476	N (a, c)	N (a, c, d)	N (a, b, c, d)
	USCG DISTRICT 8					TOTAL DISPERSABLE	5 of 31	2 of 31	1 of 31
125	Sea Spirit	4/?/74	11	Los Angeles Harbor	Heavy Fuel	48,875	N (a, b)**	N (a, b, c)**	N (a, b, c)**
242	Pera	7/16/75	11	Los Angeles Harbor	No. 6 Fuel	2,000	N (a)	N (a, b, d)	N (a, b, c, d)
243	Crowley Maritime 101	4/12/79	11	San Francisco Bay	High Octane Gas	1,000	N (a, b)	N (a, b, c)	N (a, b, c, d)
244		2/23/80	11	Gulf of Santa Catalina	JP 5 Jet	1,500	Y	N (d)	N (d)
245		1/3/83	11	Pacific Ocean	Transformer	1,190.48	Y	N (d)	N (d)
247	Offshore 2403	5/2/84	11	Pacific Ocean	JP-5/ Kerosene	2,792	Y	N (d)	N (d)
252	USS Wichita	9/13/84	11	Pacific Ocean	Diesel	2,905	Y	N (d)	N (d)
248	Puerto Rican	10/31/84	11	Pacific Ocean	No. 6 Fuel/Lube Oil	38,500	Y	Y	Y
249		3/2/85	11	Pacific Ocean	No. 2 Fuel	1,429	Y	Y	Y
250	Pac Baroness	9/21/87	11	Santa Barbara Channel	IFO	9,200	Y	Y	Y

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.6 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued) (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
251		8/1/91	11	Pacific Ocean	NSX	1,190.48	N (a)	N (a, d)	N (a, b, c, d)
USCG DISTRICT 11						TOTAL DISPERSABLE	7 of 11	3 of 11	3 of 11
253		8/14/83	13	Puget Sound	No. 1 Diesel	1,019	N (b, c)	N (b, c, d)	N (b, c, d)
254	Blue Magpie	11/19/83	13	Pacific Ocean	No. 6 Fuel	1,786	N (a)	N (a)	N (a, b, c, d)
255	Hoegh Mascot	2/16/84	13	Coos Bay	Clarified	16,667	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
257	MCN-5	1/31/88	13	Guemes Channel	Heavy Cycle Gas	1,604	N (a)	N (a)	N (a, b, d)
258	Nestucca	12/23/88	13	Pacific Ocean	No. 6 Fuel	5,500	N (a)	N (a, d)	N (a, b, c, d)
259	Tenyo Maru	7/22/91	13	Pacific Ocean	Diesel/Lube	3,190.48	Y	Y	N (d)
USCG DISTRICT 13						TOTAL DISPERSABLE	1 of 6	1 of 6	0 of 6
344	USS Roanoke	10/29/84	14	Pacific Ocean	Kerosene/JP-5	8,917	N (b, c)	N (b, c)**	N (b, c)**
346		2/10/86	14	Pacific Ocean	Diesel	2,333	Y	Y**	Y**
347	Hana	1/20/87	14	Pacific Ocean	No. 6 Fuel	1,000	N (a)	N (a)**	N (a)**
348		5/13/87	14	Kaiwi Channel	JP-5	3,023	N (b, c)	N (b, c)**	N (b, c)**
USCG DISTRICT 14 (Hawaii only)						TOTAL DISPERSABLE	1 of 4	1 of 4	1 of 4

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

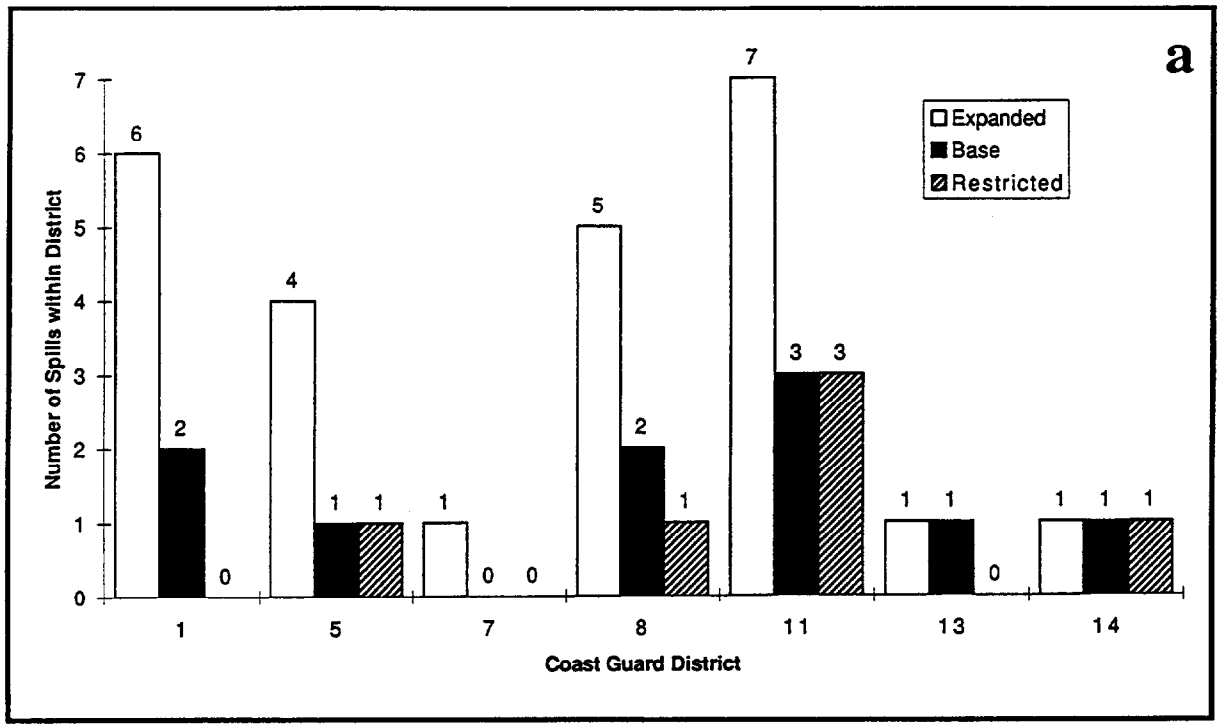
Table 3.7 Refined Coastal and Open Ocean Oil Spills of 1,000 Barrels or in the U.S. (except AK) From 1973 through 1994 That Met Expanded, Base and/or Restricted Dispersant Criteria

USCG District	Expanded Criteria[1]	Base Criteria[2]	Restricted Criteria[3]
1	6 of 46 (13%)	2 of 46 (4%)	0 of 46 (0%)
5	4 of 25 (16%)	1 of 25 (4%)	1 of 25 (4%)
7	1 of 15 (7%)	0 of 15 (0%)	0 of 15 (0%)
8	5 of 31 (16%)	2 of 31 (6%)	1 of 31 (3%)
11	7 of 11 (64%)	3 of 11 (27%)	3 of 11 (27%)
13	1 of 6 (17%)	1 of 6 (17%)	0 of 6 (0%)
14	1 of 4 (25%)	1 of 4 (25%)	1 of 4 (25%)
TOTAL	**25 of 138 (18%)**	**10 of 138 (7%)**	**6 of 138 (4%)**

1 oils deemed dispersable = 2L, 3L, 2H, 3H (John Yeager and Assoc. 1985)
distance from shoreline = ≥1/4 mile
water depth = ≥10 feet
sea state = ≥0

2 oils deemed dispersable = 2L, 3L (John Yeager and Assoc. 1985)
distance from shoreline = ≥1/2 mile
water depth = ≥30 feet
sea state = ≥2

3 oils deemed dispersable = 2L, 3L (John Yeager and Assoc. 1985)
distance from shoreline = ≥3 mile
water depth = ≥65 feet
sea state = ≥3



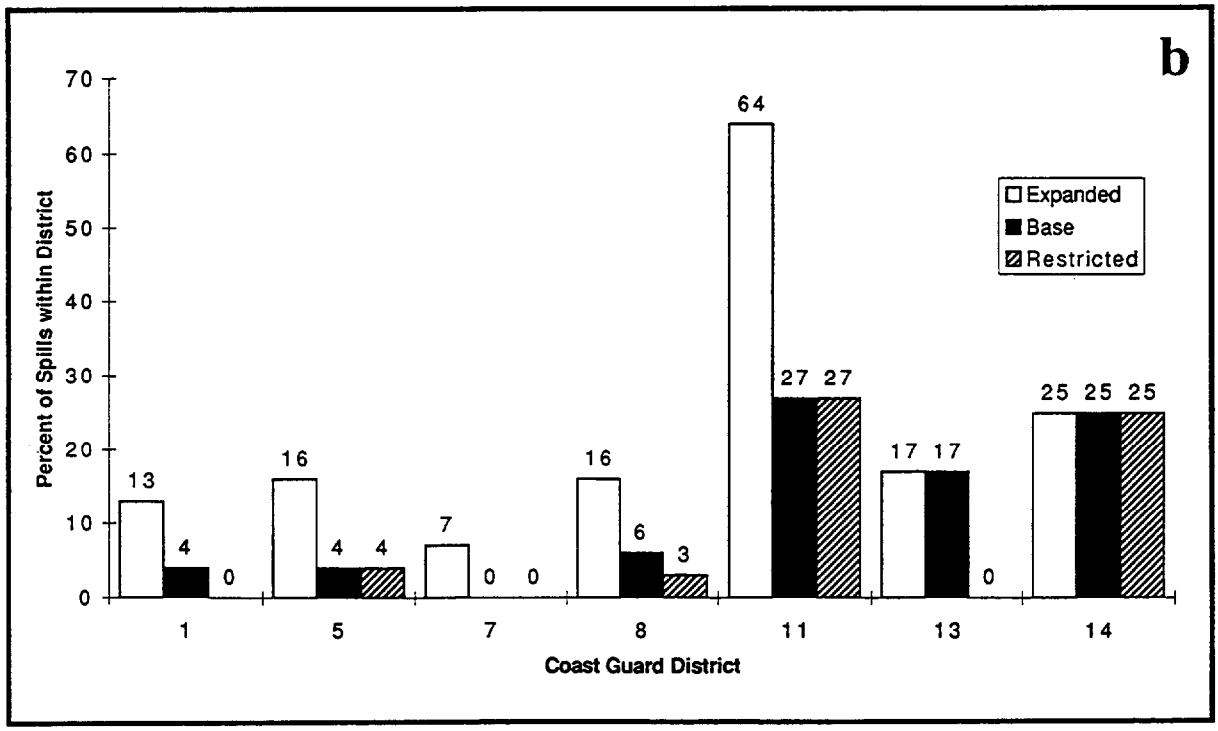


Figure 3.5 *Refined oil spills of 1,000 barrels or more in the coastal United States from 1973 through 1994 where dispersants could have been considered for use. a) number of spills; b) percentage of spills*

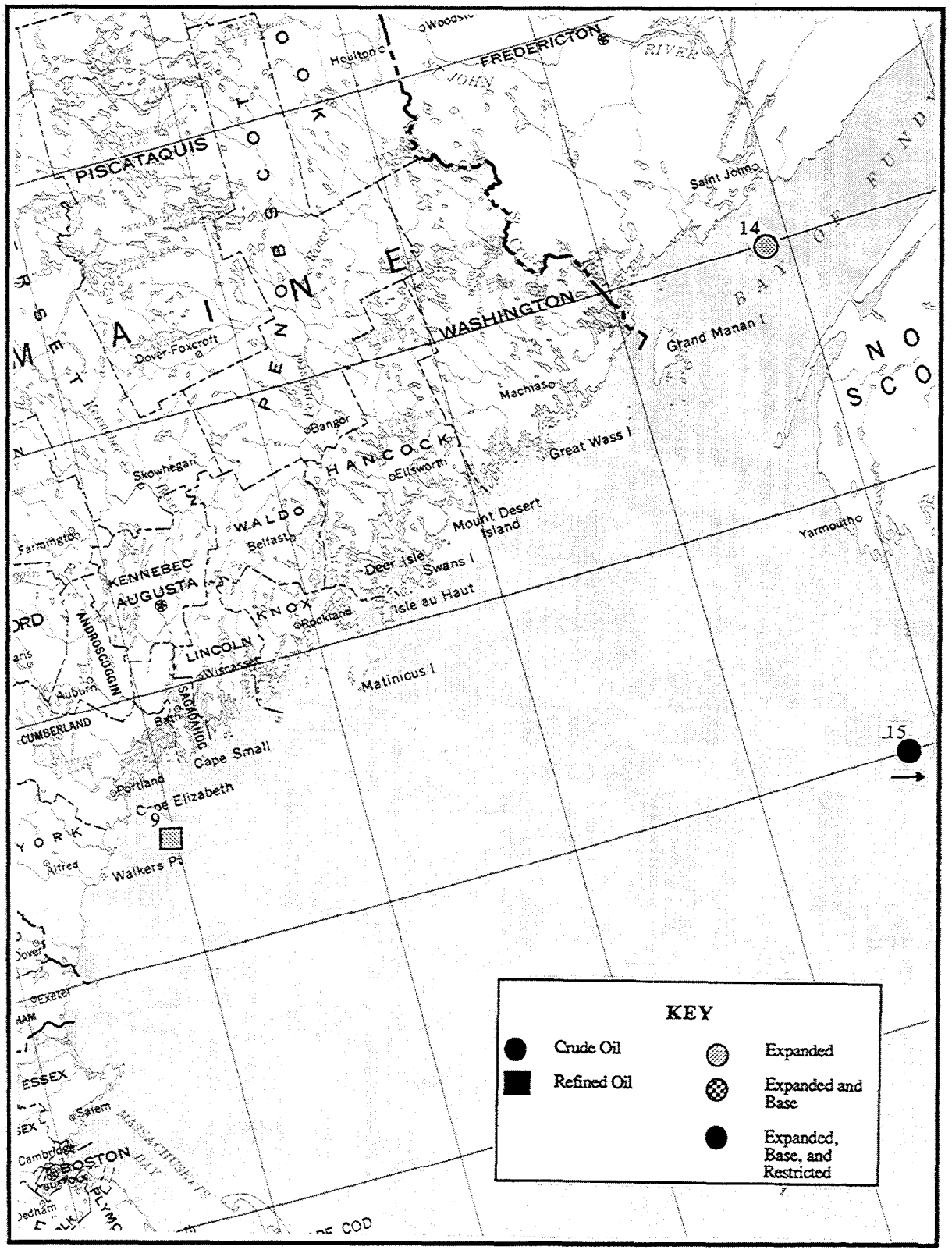


Figure 3.6 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Maine from 1973 through 1994 where dispersants could have been considered for use.*

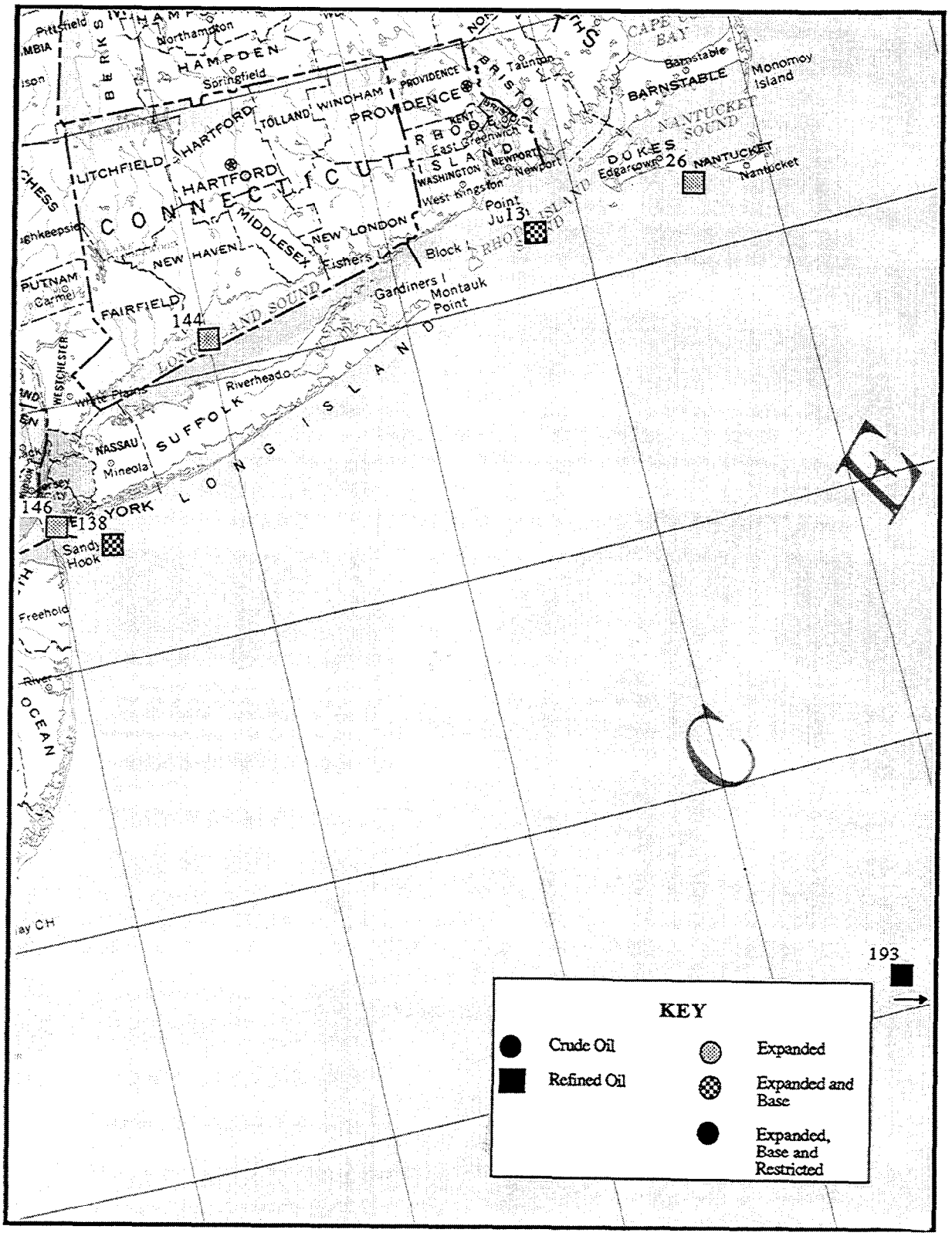


Figure 3.7 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of the northeast from 1973 through 1994 where dispersants could have been considered or use.*

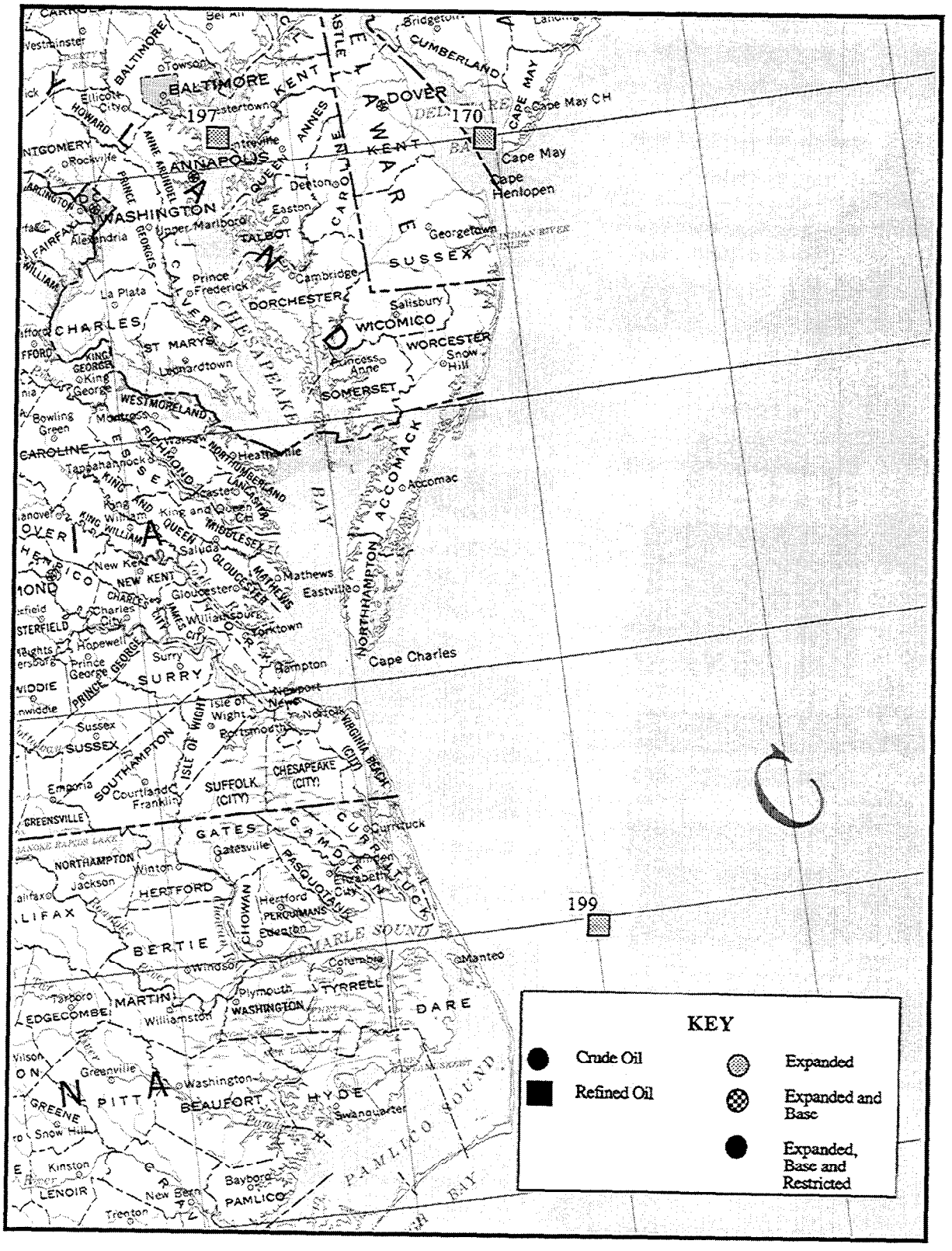


Figure 3.8 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of the mid-Atlantic from 1973 through 1994 where dispersants could have been considered for use.*

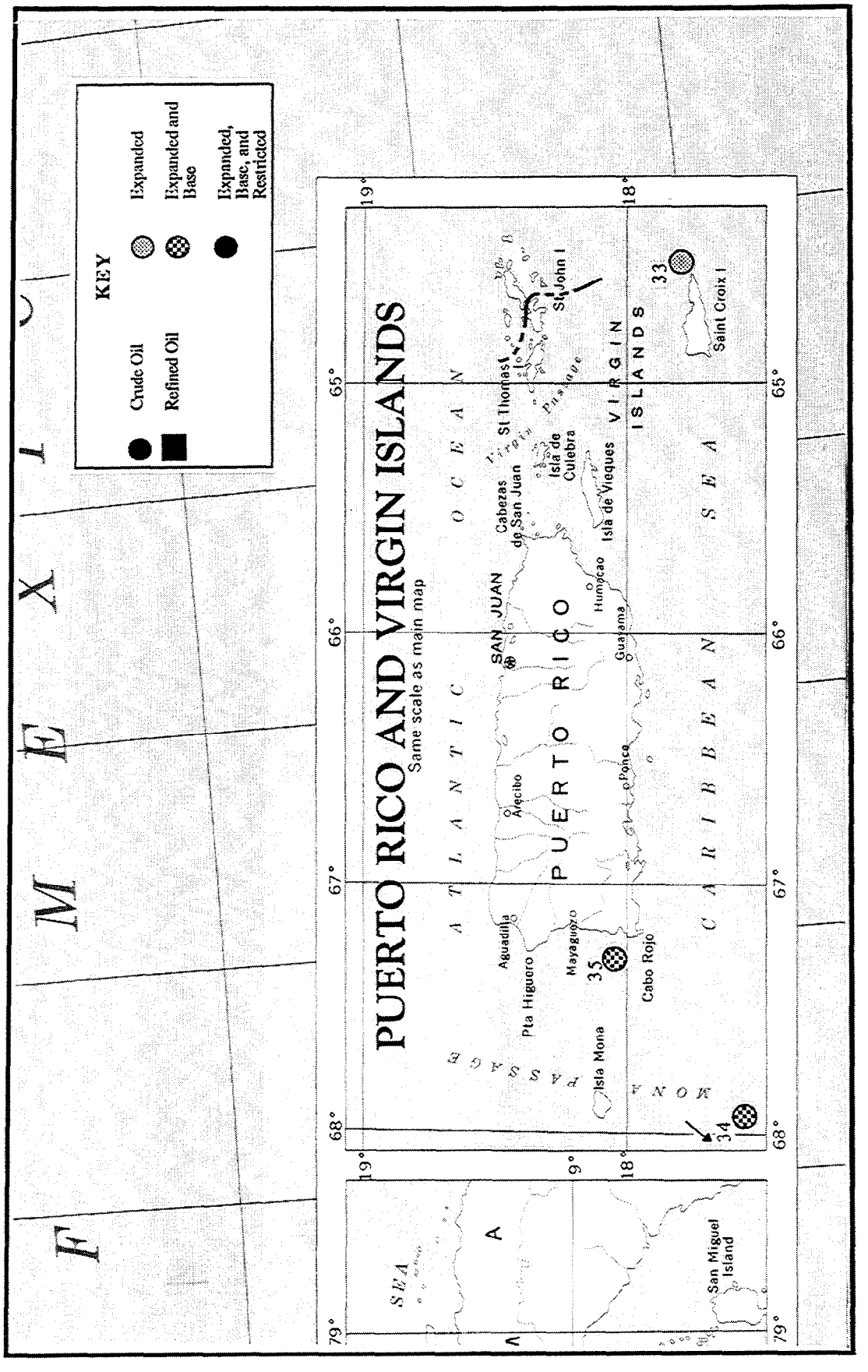


Figure 3.9 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Puerto Rico and the U.S. Virgin Islands from 1973 through 1994 where dispersants could have been considered for use.*

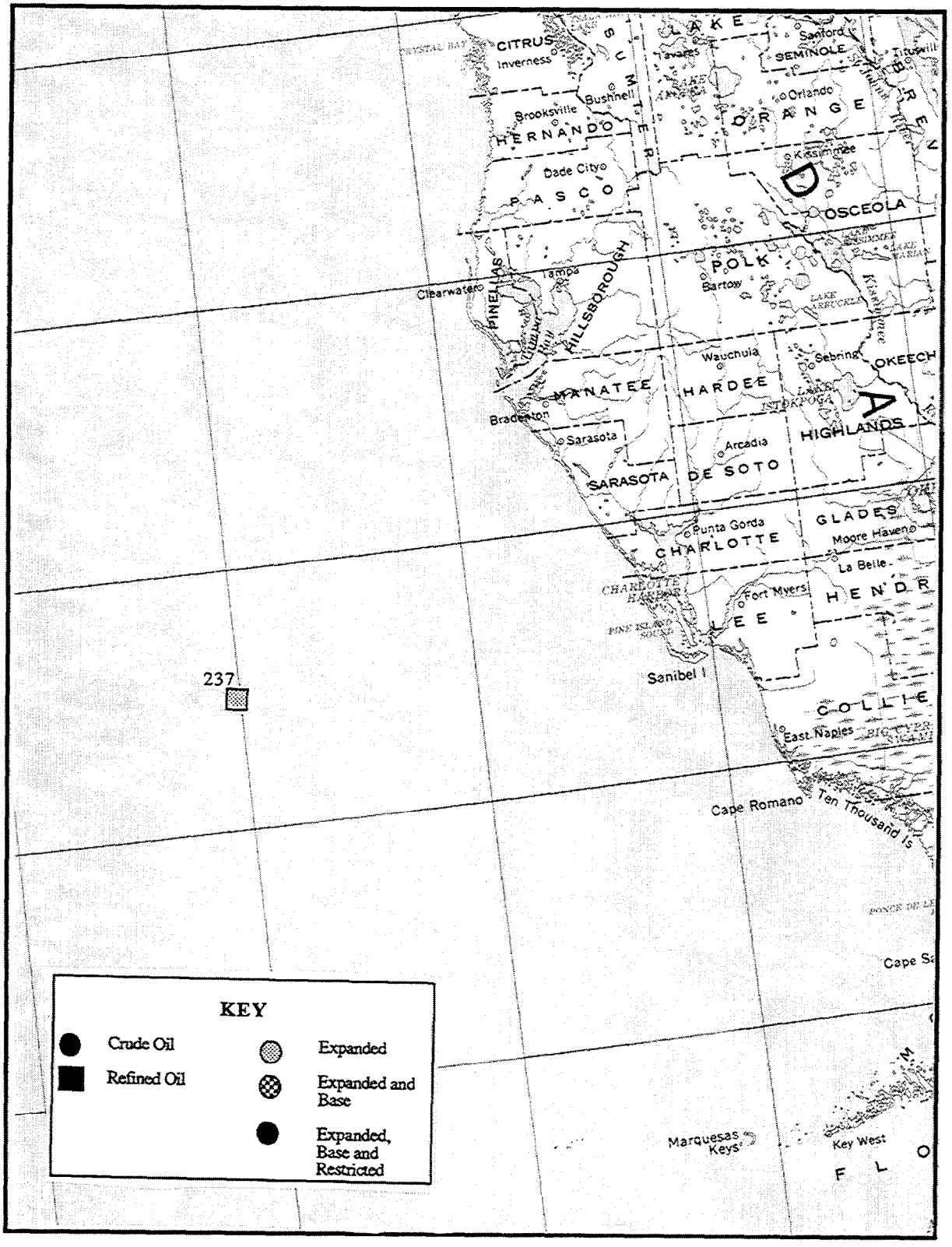


Figure 3.10 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Florida from 1973 through 1994 where dispersants could have been considered or use.*

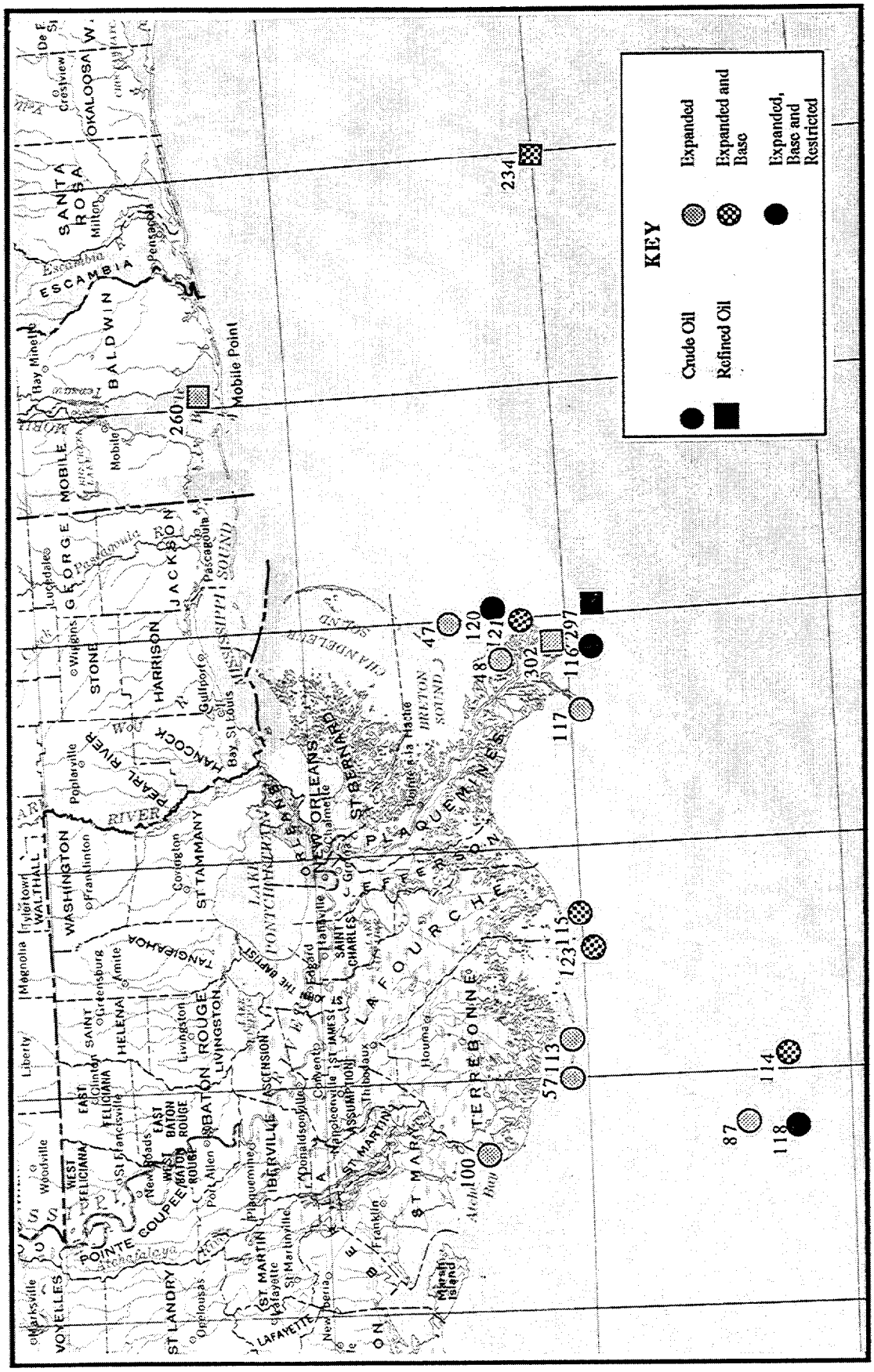


***Figure 3.11** Historical crude and refined oil spills of 1,000 barrels or more off the coast of Alabama and eastern Louisiana from 1973 through 1994 where dispersants could have been considered for use.*

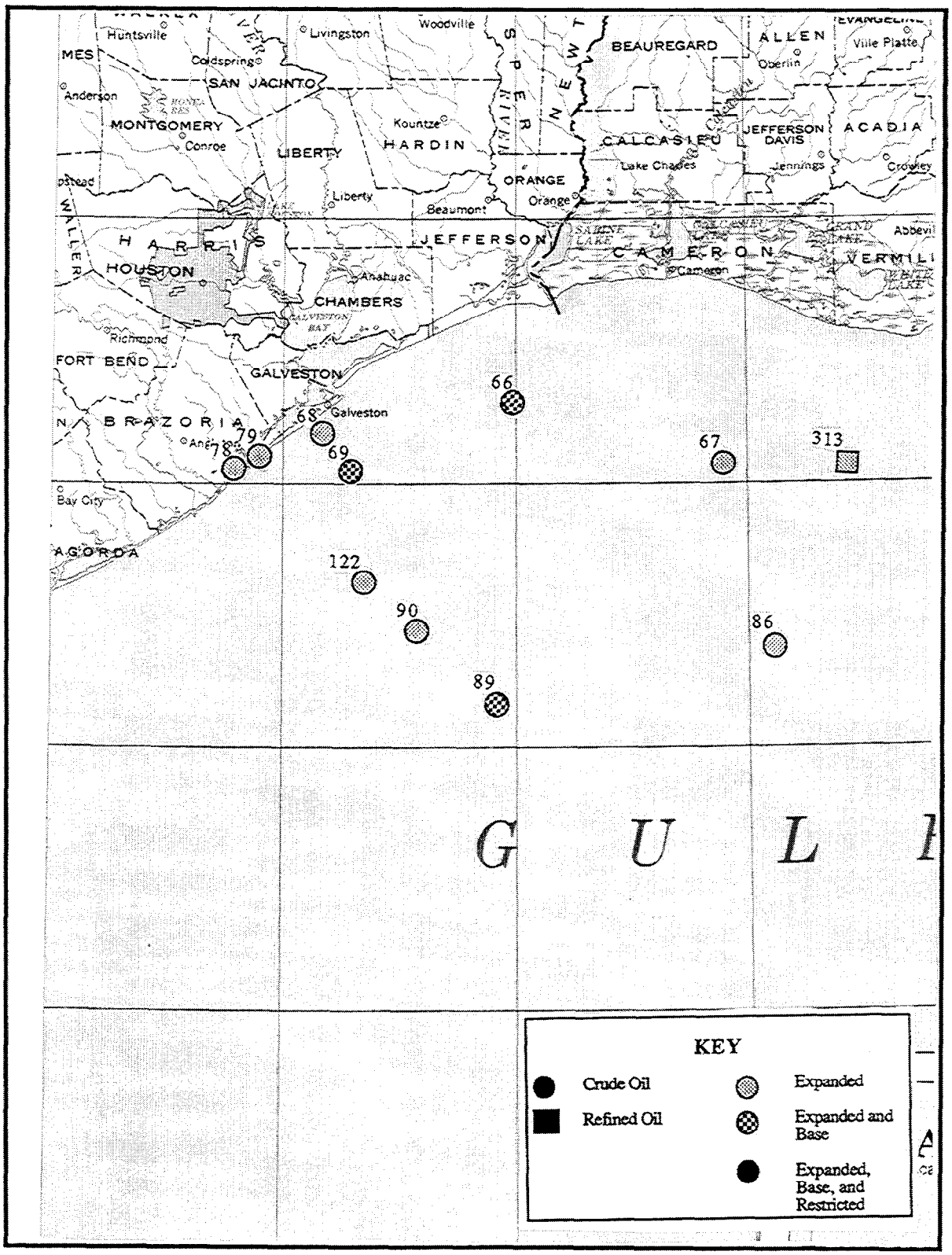


Figure 3.12 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Louisiana and Texas from 1973 through 1994 where dispersants could have been considered or use.*

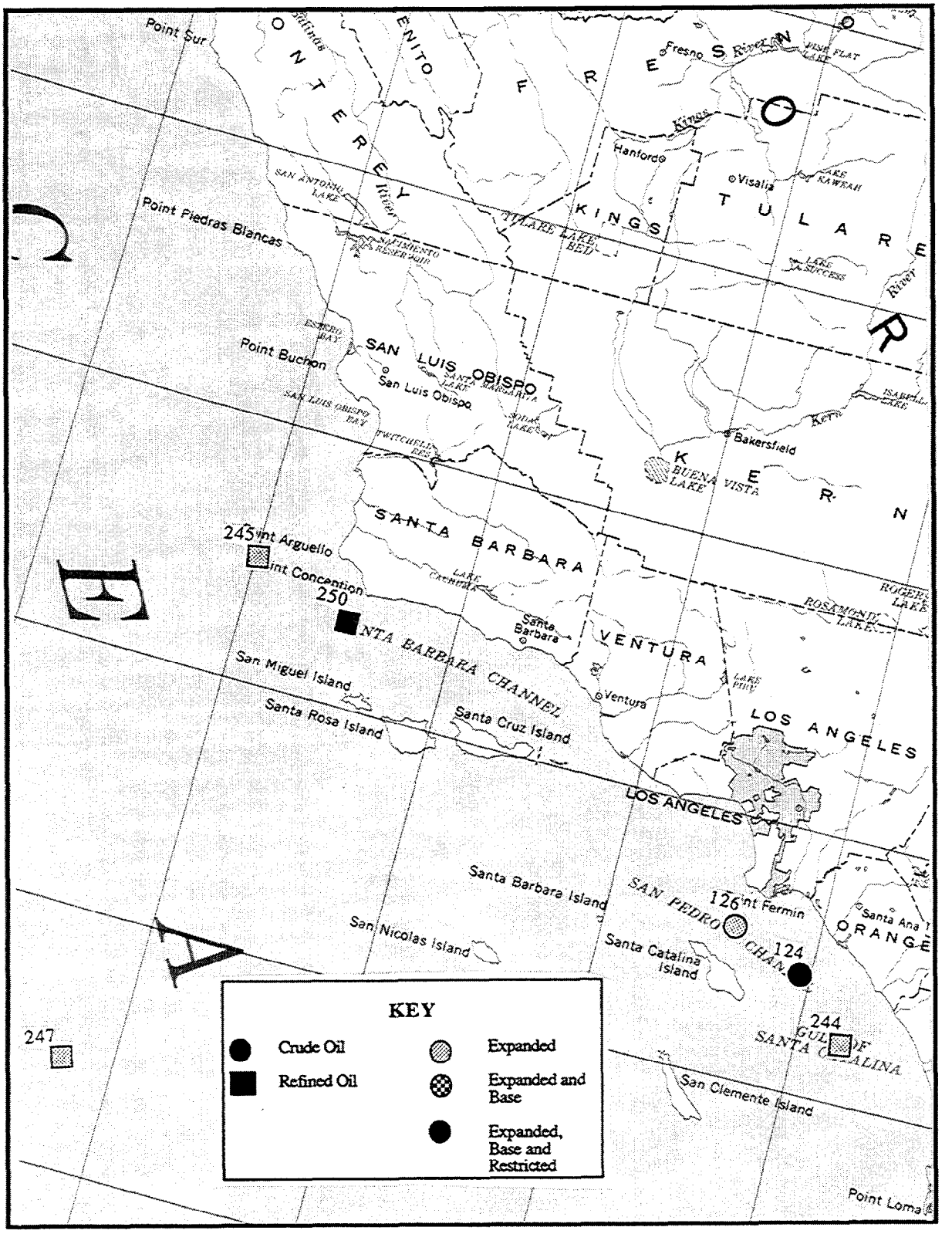


Figure 3.13 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Southern California from 1973 through 1994 where dispersants could have been considered or use.*

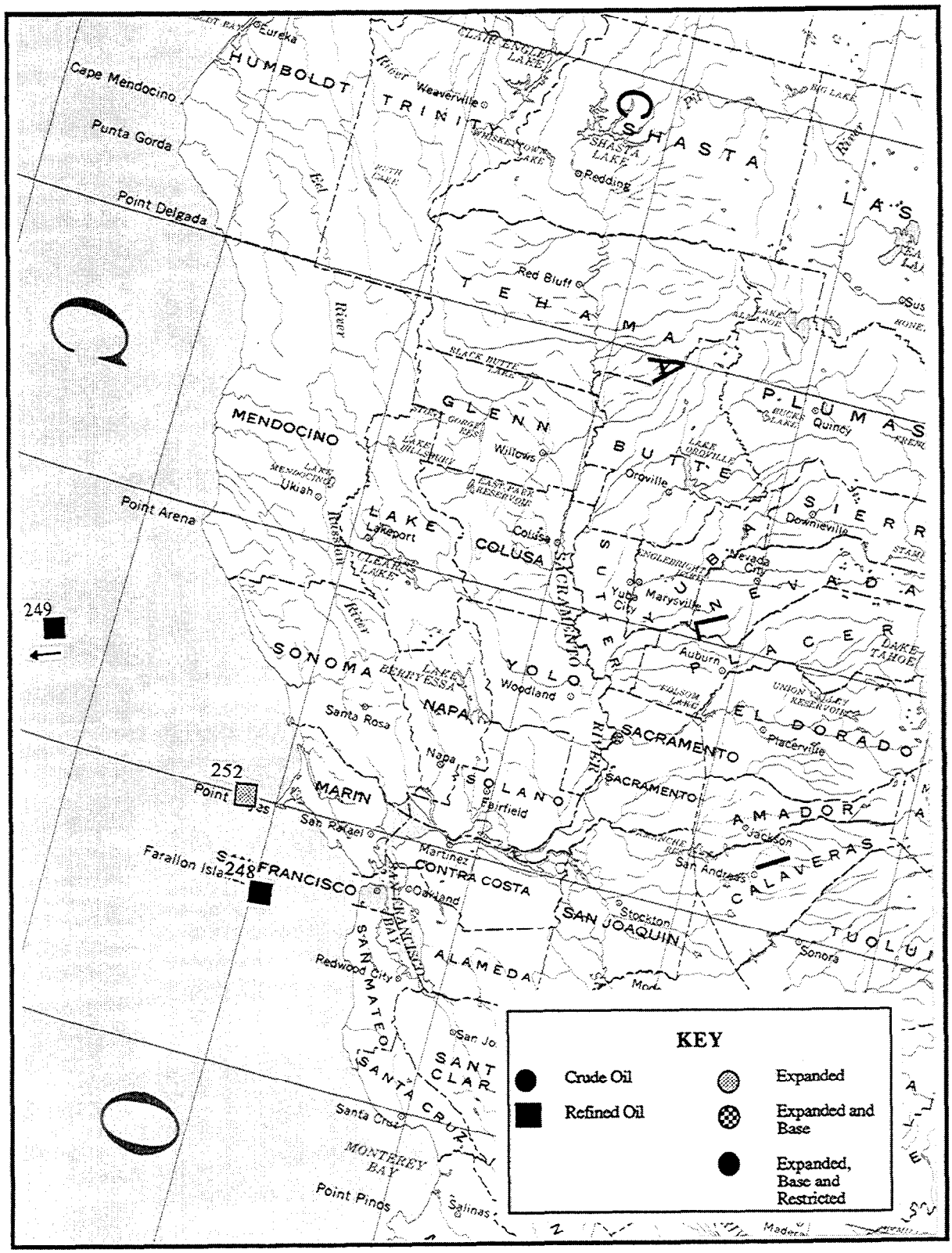


Figure 3.14 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Northern California from 1973 through 1994 where dispersants could have been considered or use.*

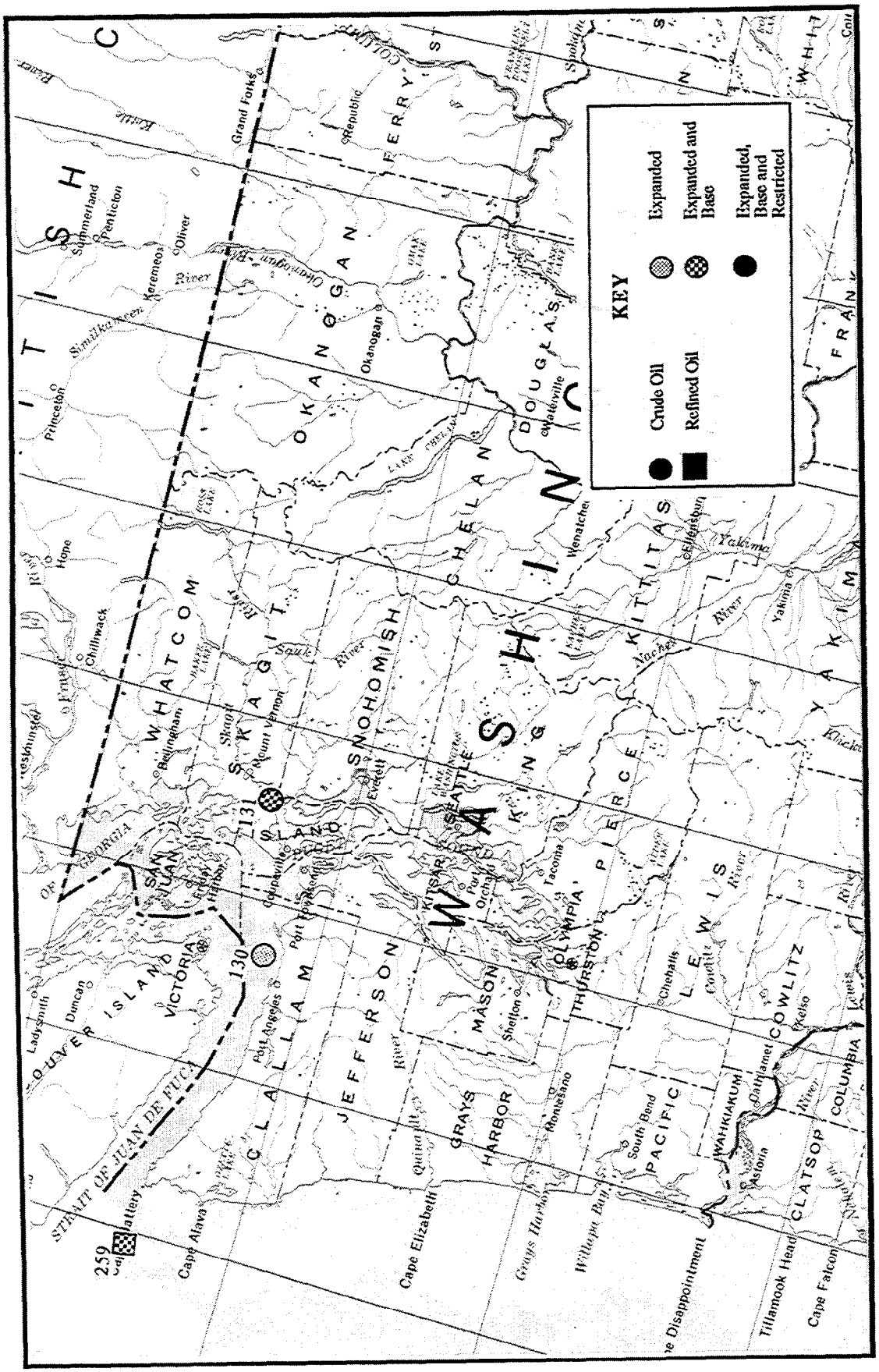


***Figure 3.15** Historical crude and refined oil spills of 1,000 barrels or more off the coast of Washington from 1973 through 1994 where dispersants could have been considered for use.*

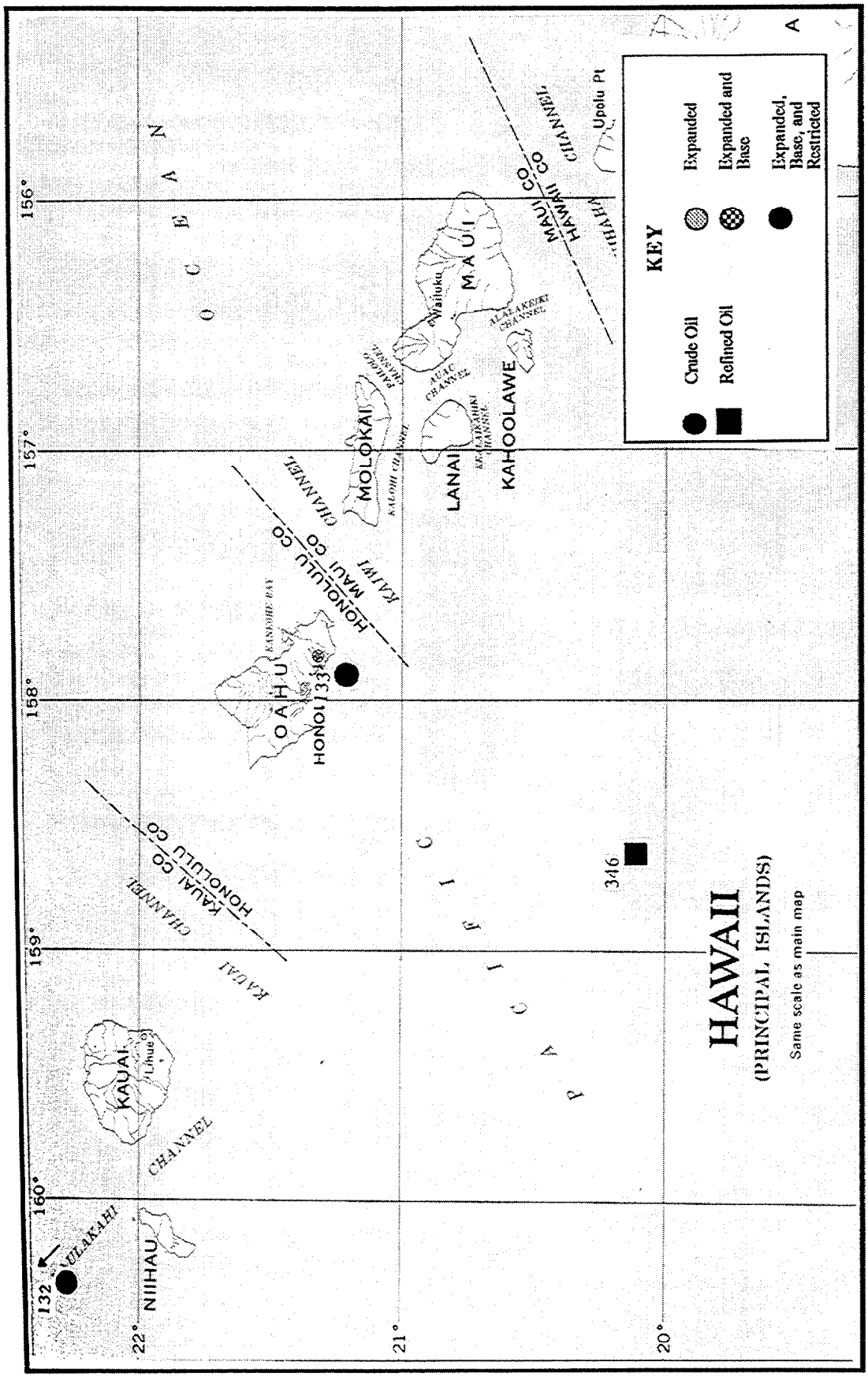


Figure 3.16 Historical crude and refined oil spills of 1,000 barrels or more off the coast of Hawaii from 1973 through 1994 where dispersants could have been considered for use.

Table 3.8 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. From 1973 through 1994:Examined Using In-situ Burning Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
22	Crystal Kobus	1/10/73	1	Atlantic Ocean off of MA	Indonesian Crude	1,297	N (b)	N (b)	N (b)
29	Esso Brussels	6/2/73	1	New York Harbor, NY	Nigerian Crude	36,650	N (b)	N (b)	N (b)
17	Lalibella	12/21/73	1	Cape Cod Bay, MA	Unidentified Crude	5,864	Y	N (b)	N (b)
28		1/19/74	1	Long Island Sound, NY	Basrah Crude	2,000.00	N (b)	N (b)	N (b)
15	Athenian Star	1/20/75	1	Atlantic Ocean off of NH	Unidentified Crude	17,000	Y	Y	Y
14	J.R. Grey	6/30/76	1	Bay of Fundy off of ME	Unidentified Crude	2,000.00	Y	Y	Y
31		12/26/88	1	New York Harbor, NY	Ekofisk Crude	1,500	N (b, c)	N (b, c)	N (b, c)
	USCG DISTRICT 1					TOTAL BURNABLE	3 of 7	2 of 7	2 of 7
32	Richard Sauer	10/29/76	5	Sandy Hook Bay, NJ	Light Arabian	6,600.00	N(b)	N (b)	N (b)
	USCG DISTRICT 5					TOTAL BURNABLE	0 of 1	0 of 1	0 of 1
35	Zoe Colocotroni	3/18/73	7	Bahia Sucia, PR	Venezuelan Crude	37,579	Y*	Y*	N (b)*
33	Michael Lemos	1/22/75	7	Caribbean Sea, USVI	Iranian Crude	8,952	Y*	N (b)*	N (b)*
34	Theopaes	8/21/78	7	Caribbean Sea, PR	Unidentified Crude	1,297	Y*	Y*	Y*
	USCG DISTRICT 7					TOTAL BURNABLE	3 of 3	2 of 3	1 of 3
116	West Delta 79	1/9/73	8	Gulf of Mexico, TX	S. LA Crude	9,935	Y	Y	Y
115	South Pelto Block 23	1/26/73	8	Gulf of Mexico, TX	S. LA Crude	7,000	Y	Y	Y
117	West Delta 73	5/12/73	8	Gulf of Mexico, TX	S. LA Crude	5,000	Y	Y	Y
65		6/23/73	8	Sabine Pass, TX	Unidentified Crude	2,385.71	N (b)	N (b)	N (b)
75		7/8/73	8	Trinty Bay	Unidentified Crude	1,000	N (b)	N (b)	N (b)
79	Splendid Arrow	9/9/73	8	Galveston Bay	Qatar Crude	3,666	Y	N (b)	N (b)
118	Eugene Island 317	4/17/74	8	Gulf of Mexico, TX	S. LA Crude	19,833	N (c)	N(c)	N (c)
120	Main Pass 73	9/11/74	8	Gulf of Mexico, TX	S. LA Crude	3,500	Y	Y**	Y**
83	Dagny	10/9/74	8	C. Christi Inner Harbor	Unidentified Crude	7,300	N (b)	N (b)	N (b)
84		12/2/74	8	C. Christi Inner Harbor	Unidentified Crude	1,281	N (b)	N (b)	N (b)
45	TS-85	1/29/75	8	Breton Sound, LA	Unidentified Crude	1,500	Y**	Y**	N (b)**
86	Globtik Sun	8/15/75	8	Gulf of Mexico, LA	Arabian Crude	7,000	Y	Y	Y
72	Amoco Yorktown	12/24/75	8	Galveston Bay, TX	Trinidad Crude	1,800	N (b)	N (b)	N (b)
46		2/14/76	8	Breton Sound, LA	Unidentified Crude	1,333.33	N (b)	N (b)	N (b)
87		12/18/76	8	Gulf of Mexico, LA	S. LA Crude	1,300	Y	Y	Y

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.8 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. From 1973 through 1994:Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
37		1/25/77	8	St. Andrews Bay	Unidentified Crude	1,119	Y	N (b)	N (b)
44	Dauntless Colocotronis	7/22/77	8	Breton Sound, LA	Arabian Light	15,000	Y	Y	N (b)
40	Chotin 2546	2/6/78	8	Mobil Bay, AL	Indian Crude	1,600	Y	Y	N (b)
108		9/21/78	8	Intercoastal Waterway	Unidentified Crude	32,520	N (b)	N (b)	N (b)
38		1/11/79	8	Pensacola Bay, FL	Unidentified Crude	1,904.76	N (b)	N (b)	N (b)
39	Zamora	3/1/79	8	Mobile Harbor, AL	Unidentified Crude	1,881	Y	Y	N (b)
63		7/26/79	8	Intercoastal Waterway	Unidentified Crude	2,000	N (b)	N (b)	N (b)
47		8/5/79	8	Breton Sound, LA	Unidentified Crude	1,000	Y	Y	N (b)
68	Burmah Agate	11/1/79	8	Gulf of Mexico, TX	Nigerian Crude	254,761	Y	Y	Y
78		3/20/80	8	Galveston Bay	Unidentified Crude	8,797	Y	N (b)	N (b)
106		9/17/80	8	Intercoastal Waterway	Light Crude	1,300	N (b)	N (b)	N (b)
69		11/17/80	8	Gulf of Mexico, TX	Medium Crude	1,452	Y	Y	Y
48	Georgia	11/22/80	8	Gulf of Mexico	Unidentified Crude	32,000	Y	N (b)	N (b)
113	Ship Shoals Block 113	2/15/81	8	Gulf of Mexico, TX	S. LA Crude	2,381	Y	Y	Y
56		9/19/81	8	Bayou Colyell	Unidentified Crude	4,000	N (b)	N (b)	N (b)
41		10/27/81	8	Mobil Bay, AL	Unidentified Crude	1,785.71	N (b)	N (b)	N (b)
121	South Pass 60	12/11/81	8	Gulf of Mexico, TX	S. LA Crude	5,100	Y	Y	N (b)
82		12/22/82	8	Nueces Bay	Unidentified Crude	2,534	N (b)	N (b)	N (b)
81	Caribbean Courage	6/3/83	8	Corpus Christi Bay	Unidentified Crude	1,200	N (b)	N (b)	N (b)
88	Alvenus	7/30/84	8	Gulf of Mexico, TX	Venezulean Merey	65,500	Y	Y	Y
109		1/30/85	8	Intercoastal Waterway	Unidentified Crude	1,998.05	N (b)	N (b)	N (b)
64		3/18/85	8	Intercoastal Waterway	Unidentified Crude	3,000	N (b)	N (b)	N (b)
100		9/30/85	8	Atchafalaya Bay	Arabian Heavy	1,500	Y	N (b)	N (b)
107		7/7/86	8	Intercoastal Waterway	S. LA Crude	7,500	N (b)	N (b)	N (b)
67	Jorgen J. Lorentzen	10/17/86	8	Gulf of Mexico, TX	Unidentified Crude	1,190	Y	Y	Y
122	Galveston 2A	2/7/88	8	Gulf of Mexico, TX	S. LA Crude	15,576	Y	Y	Y
90		2/8/88	8	Gulf of Mexico, TX	Light Crude	14,000	Y	Y	Y
85	Nord Pacific	7/13/88	8	C. Christi Inner Harbor	North Sea Crude	15,350	N (b)	N (b)	N (b)
114	Ship Shoals Block 281	1/24/90	8	Gulf of Mexico, TX	S. LA Crude	14,423	Y	Y	Y
89	Mega Borg	6/8/90	8	Gulf of Mexico, TX	Angolan Palanca	100,000	Y	Y	Y
74		9/5/91	8	Intercoastal Waterway	High Island Crude	1,000	N (b)	N (b)	N (b)
71	Shoku Maru	7/1/92	8	Texas City Harbor	Heavy Mayan	2,310	N (b)	N (b)	N (b)
123	South Pelto 8	8/31/92	8	Gulf of Mexico, TX	S. LA Crude	2,000	Y	Y	Y
57		9/23/92	8	Gulf of Mexico, LA	Light Crude	11,500	Y	Y	Y
66		11/8/93	8	Gulf of Mexico, TX	Unidentified Crude	3,405	Y**	Y**	Y**
	USCG DISTRICT 8					TOTAL BURNABLE	29 of 50	24 of 50	18 of 50

* = monthly avg. of weather
** = no weather provided
a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.8 Crude Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. From 1973 through 1994:Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
126	Sansinena	12/17/76	11	Los Angeles Harbor	Indonesian Light	30,000	Y	N (b)	N (b)
127	John McCone	12/28/80	11	Santa Monica Bay	Mimas Crude	2,000	N (b)	N (b)	N (b)
124	American Trader	2/7/90	11	Pacific Ocean	North Slope Crude	9,458	Y	Y	Y
	USCG DISTRICT 11					TOTAL BURNABLE	2 of 3	1 of 3	1 of 3
129		1/10/73	13	Bellingham Bay	Unidentified Crude	10,476.19	N (b)	N (b)	N (b)
130	Arco Anchorage	12/21/85	13	Strait of Juan de Fuca	North Slope Crude	5,690	Y	N (b)	N (b)
131		2/22/91	13	Fidalgo Bay	North Slope Crude	2,000	Y	N (b)	N (b)
	USCG DISTRICT 13					TOTAL BURNABLE	2 of 3	0 of 3	0 of 3
132	Irene's Challenge	1/18/77	14	Pacific Ocean, HI	Venezulean Crude	237,600	Y*	Y*	Y*
133		8/26/83	14	Pacific Ocean, HI	Unidentified Crude	23,816.65	Y*	Y*	Y*
	USCG DISTRICT 14 (Hawaii only)					TOTAL BURNABLE	2 of 2	2 of 2	2 of 2

* = monthly avg. of weather
** = no weather provided
a = oil type
b = distance from sensitive receptor
c = sea state

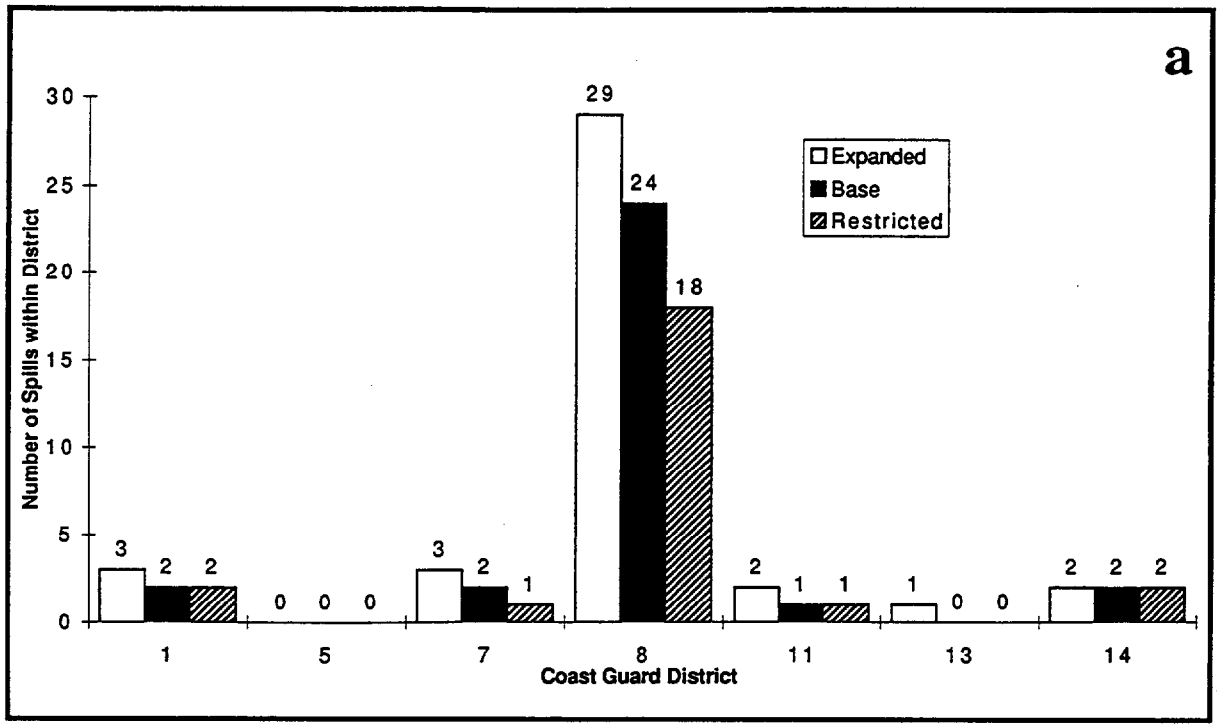
Table 3.9 Crude Coastal and Open Ocean Oil Spills of 1,000 Barrels or in the U.S. (except AK) From 1973 through 1994 That Met Expanded, Base and/or Restricted Burning Criteria

USCG District	Expanded Criteria[1]	Base Criteria[2]	Restricted Criteria[3]
1	3 of 7 (43%)	2 of 7 (29%)	2 of 7 (29%)
5	0 of 1 (0%)	0 of 1 (0%)	0 of 1 (0%)
7	3 of 3 (100%)	2 of 3 (67%)	1 of 3 (33%)
8	29 of 50 (58%)	24 of 50 (48%)	18 of 50 (36%)
11	2 of 3 (67%)	1 of 3 (33%)	1 of 3 (33%)
13	1 of 3 (33%)	0 of 3 (0%)	0 of 3 (0%)
14	2 of 2 (100%)	2 of 2 (100%)	2 of 2 (100%)
TOTAL	**40 of 69 (58%)**	**31 of 69 (45%)**	**24 of 69 (35%)**

1 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥1/4 mile
sea state = ≤4

2 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥1 mile
sea state = ≤4

3 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥3 miles
sea state = ≤4



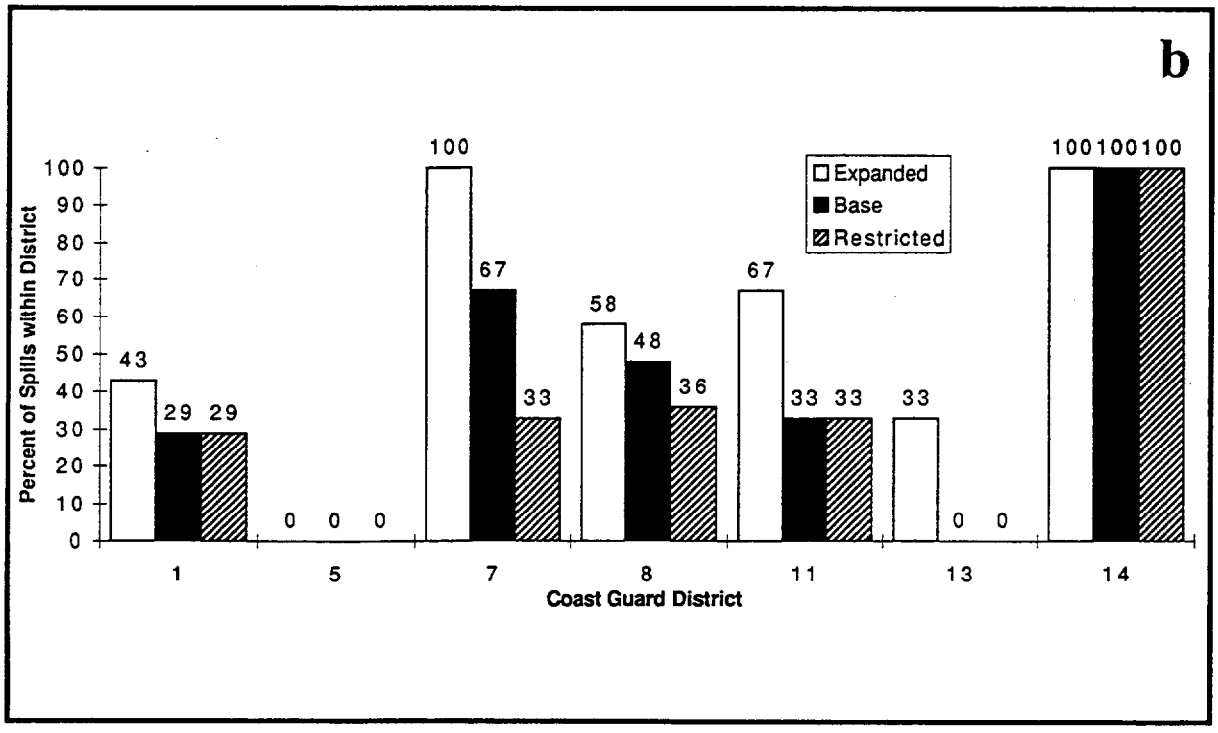


Figure 3.17 *Crude oil spills of 1,000 barrels or more in the coastal United States from 1973 through 1994 where in-situ burning could have been considered for use. a) number of spills; b) percentage of spills*

Table 3.10 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
23	Helena Venizelos	1/16/73	1	Salem Sound, MA	No. 6 Fuel	1,310	N (b)	N (b)	N (b)
24	Atholl McBean	1/16/73	1	Salem Sound, MA	No. 6 Fuel	1,169	N (b)	N (b)	N (b)
11	Pennant	4/9/73	1	Naragansett Bay, RI	No. 6 Fuel	6,597	Y	N (b)	N (b)
18		4/24/73	1	Boston Harbor, MA	No. 6 Fuel	2,024	N (b)	N (b)	N (b)
134		5/21/73	1	Long Island Sound	Clarified Oil	1,666.67	N (a, b)	N (a, b)	N (a, b)
135	Petrola	6/3/73	1	Atlantic Ocean	No. 6 Fuel	20,000	Y	N (b)	N (b)
138		10/15/73	1	Atlantic Ocean off of NY	No. 2 Fuel	1,904.76	Y	Y	Y
169		11/9/73	1	Atlantic Ocean	Auto. Gasoline	2,800	N (a)**	N (a)**	N (a)**
19		11/30/73	1	Boston Harbor, MA	No. 2 Fuel	4,047.62	N (b)	N (b)	N (b)
139	Messiniaki Bergen	10/6/74	1	Long Island Sound	No. 6 Fuel	2,500	N (b)	N (b)	N (b)
140	Bouchard 115	10/7/75	1	East River, NY	No. 4/No. 6 Fuel	2,248	N (b)	N (b)	N (b)
96	Argo Merchant	12/15/76	1	Nantucket Shoals, MA	No. 6 Fuel	183,330	Y	Y	Y
141	Delaware	12/31/75	1	Long Island Sound	No. 2 Diesel	2,146	N (b)	N (b)	N (b)
26	Bouchard #65	1/28/77	1	Buzzards Bay, MA	No. 2 Fuel	1,932.00	Y	Y	N (b)
9		6/6/77	1	Casco Bay, ME	Diesel	3,047.62	Y	Y	N (b)
144		7/17/77	1	Long Island Sound	No. 1 Diesel	1,190.48	Y	Y	N (b)
145	Bouchard 100	1/9/78	1	Northport Bay, NY	No. 1/ No. 2 Fuel	7,810	N (b, c)	N (b, c)	N (b, c)
20		1/15/78	1	Boston Harbor, MA	No. 1 Diesel	1,353.57	N (b)	N (b)	N (b)
25	Global Hope	2/7/78	1	Salem Sound, MA	Lube Oil	3,665	N (b)	N (b)	N (b)
92		2/8/78	1	Boston Harbor, MA	Gasoline	32,040.07	N (a, b, c)	N (a, b, c)	N (a, b, c)
12	Ocean 250	3/16/78	1	Block Island Sound, RI	Aviation Gasoline	16,249	N (a)	N (a)	N (a, b)
146	Penn. and Gracie Moran	7/31/78	1	Rockaway Inlet, NY	No. 6/No. 2 Fuel	1,000	Y	N (b)	N (b)
147	George Whitlock 2	10/27/78	1	Long Island Sound	Gasoline	4,398	N (a)	N (a)	N (a, b)
149	Robert Poling	12/8/78	1	Gravesend Bay, NY	Unleaded Gasoline	1,190	N (a)	N (a, b)	N (a, b)
191	Barge No. 105	2/5/79	1	East River	No. 6 Fuel	1,859	N (b)**	N (b)**	N (b)**
16	Regal Sword	6/18/79	1	Chatham Harbor, MA	Bunker C/Diesel	2,143	N (b)	N (b)	N (b)
151	Sea Speed Arabia	6/30/79	1	Upper Harbor, NY	No. 2/No. 6 Fuel	2,857	N (b)	N (b)	N (b)
93	Donau Maru	12/19/79	1	Boston Harbor, MA	No. 6 Fuel	5,952	N (b)	N (b)	N (b)
152		1/11/80	1	Kill Van Kull, NY	No. 1 Diesel	5,000	N (b, c)	N (b, c)	N (b, c)
10	Christian Reinauer	11/21/80	1	Atlantic Ocean off of ME	No. 2/Gasoline	2,381	Y	Y	Y
153	Concho	1/19/81	1	Gravesend Bay, NY	No. 6 Fuel	18,149	Y	N (b)	N (b)
21		1/28/82	1	Boston Harbor, MA	No. 5 Fuel	1,190.48	N (b)	N (b)	N (b)
154		3/4/82	1	Jamaica Bay, NY	No. 2 Fuel	1,900	Y	N (b)	N (b)
156	Flannulina	1/22/84	1	Arthur Kill	Gasoline	1,500	N (a, b)	N (a, b)	N (a, b)
157		11/26/84	1	Huntington Harbor, NY	No. 1 Diesel	142,857.60	N (b)	N (b)	N (b)
94	BFT #24	2/4/86	1	Boston Harbor, MA	No. 6 Fuel	3,505	N (b)	N (b)	N (b)
30	Lindsey Frank	2/11/86	1	Gravesend Bay	Coconut Oil	1,786	N (a)	N (a, b)	N (a, b)
27	ST-85	9/17/86	1	Buzzards Bay, MA	Gasoline	2,851	N (a)	N (a)	N (a, b)
158	Amazon Venture	11/16/86	1	Jamaica Bay, NY	No. 6 Fuel	11,900	Y	N (b)	N (b)

* = monthly avg. of weather
** = no weather provided
a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.10 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
339	Barge No. 115	1/14/89	1	Long Island Sound	No. 6 Fuel	1,200	N (c)	N (b, c)	N (b, c)
13	World Prodigy	6/23/89	1	Naragansett Bay, RI	No. 2 Fuel	6,873	Y	N (b)	N (b)
161	Cibro Philadelphia	12/15/89	1	Upper Bay, NY	No. 6 Fuel	1,000	N (b)	N (b)	N (b)
162		1/2/90	1	Arthur Kill	No. 2 Heating Oil	13,500	N (b)	N (b)	N (b)
163	BT Nautilus	6/7/90	1	Kill Van Kull, NY	Heating/No. 6 Fuel	6,024	N (b)	N (b)	N (b)
164	Exxon Barge #25	9/17/90	1	Upper Bay, NY	No. 6 Fuel	1,405	N (b)	N (b)	N (b)
165	Sarah Frank	9/17/90	1	Kill Van Kull, NY	Waste Oil	1,190	N (b)	N (b)	N (b)
	USCG DISTRICT 1					TOTAL BURNABLE	13 of 46	6 of 46	3 of 46
167		3/6/73	5	Raritan Bay	No. 4 Fuel	2,119.05	Y	N (b)	N (b)
170		12/28/73	5	Delaware Bay	No. 4 Fuel	4,761.90	Y	Y	Y
174		5/5/74	5	Kill Van Kull	Mineral Seal	2,190.48	N (b)	N (b)	N (b)
175	Spartan Lady	4/4/75	5	Atlantic Ocean	No. 6 Fuel	142,857	Y	Y	Y
176	Shamrock	8/10/75	5	Chesapeake Bay	No. 6 Fuel	3,000	N (b)	N (b)	N (b)
179	STC-101	2/2/76	5	Chesapeake Bay	No. 6 Fuel	5,959	Y	Y	Y
184	O N 535880 No. 105	2/1/77	5	Raritan Bay	No. 6 Fuel	2,381	N (b)	N (b)	N (b)
187		8/21/77	5	Atlantic Ocean	No. 6 Fuel	1,055	N (b)	N (b)	N (b)
190	Broland	2/9/78	5	Raritan Bay	Auto. Gasoline	1,429	N (a, b)	N (a, b)	N (a, b)
189		12/5/78	5	Upper Bay	No. 1 Diesel	5,000	N (b)	N (b)	N (b)
192		5/24/79	5	Arthur Kill	No. 1 Diesel	5,000	N (b)	N (b)	N (b)
193		12/16/79	5	Atlantic Ocean	No. 1 Diesel	2,023.81	N (c)	N (c)	N (c)
194	Southwest Cape	2/26/80	5	Raritan Bay	No. 6 Fuel	6,714	N (b)	N (b)	N (b)
195	Ethel H	3/5/80	5	Raritan Bay	No. 6 Fuel	10,000	N (b)	N (b)	N (b)
197		9/9/80	5	Chesapeake Bay	No. 1 Diesel	3,333.33	Y	N (b)	N (b)
198	Suffolk	11/2/80	5	Kill Van Kull	No. 6 Fuel	2,738	N (b)	N (b)	N (b)
199	Hellenic Carrier	5/6/81	5	Atlantic Ocean	Diesel	3,571	Y	Y	Y
200	Meton	7/10/81	5	Atlantic Ocean	No. 6 Fuel	1,095	Y	Y	Y
202		2/12/83	5	Chincoteague Channel	No. 6 Fuel	3,500	N (b)	N (b)	N (b)
204		3/26/84	5	Arthur Kill	Asphalt blending	1,104	N (b)	N (b)	N (b)
208	Kazimierz Pulaski	9/15/85	5	Kill Van Kull	No. 6 Fuel	1,905	N (b)	N (b)	N (b)
209		3/7/86	5	Arthur Kill	No. 2 Diesel	1,714	N (b, c)	N (b, c)	N (b, c)
210	East. Carriers Barge	8/24/88	5	Chesapeake Bay	Diesel/Gasoline	5,048	N (b)	N (b)	N (b)

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.10 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
212	Cibro Savannah	3/6/90	5	Arthur Kill	No. 2 Heating	1,286	N (b)	N (b)	N (b)
213	Ocean 192	8/19/90	5	Delaware Bay	Gasoline	3,619	N (a)	N (a)	N (a, b)
USCG DISTRICT 5						TOTAL BURNABLE	7 of 25	5 of 25	5 of 25
219	Garbis	7/20/75	7	Straits of Florida	No. 6 Fuel	2,698	Y	Y	Y
220	Z-102	12/9/75	7	Ensenada de Boca Vieja	No. 6 Fuel/Diesel	7,679	N (b)*	N (b)*	N (b)*
221	New York	1/9/77	7	Tampa Bay	No. 2 Diesel	1,929	N (b)	N (b)	N (b)
222	Claude Conway	3/20/77	7	Atlantic Ocean	No. 6 Fuel	14,660	Y	Y	Y
224	Peck Slip	12/19/78	7	Caribbean Sea	No. 6 Fuel	10,500	N (b)**	N (b)**	N (b)**
225		4/20/79	7	Las Cabritas Bajo	No. 2 Fuel	2,143	N (b)*	N (b)*	N (b)*
227	New York	1/17/80	7	Atlantic Ocean	Auto. Gasoline	1,643	N (a, b)	N (a, b)	N (a, b)
229		5/4/84	7	Tampa Bay	No. 1 Diesel	1,890	Y	N (b)	N (b)
230	Saint Thomas	2/7/86	7	Crown Bay, USVI	No. 5 Fuel	1,500	Y**	N(b)**	N (b)**
235		9/18/89	7	Caribbean Sea	No. 6 Fuel	2,500	Y**	N (b)**	N (b)**
236		8/24/92	7	Biscayne Bay	No. 6 Fuel	2,500	N (b, c)	N (b, c)	N (b, c)
237	Roatan Express	10/1/92	7	Gulf of Mexico	Diesel Fuel	3,450	Y	Y	Y
239	B No. 155	8/10/93	7	Tampa Bay	No. 6 Fuel	7,833	N (b)	N (b)	N (b)
238	Ocean 255	8/10/93	7	Tampa Bay	No. 6 Fuel	230,952	Y	N (b)	N (b)
240	Morris J. Berman	1/7/94	7	Atlantic Ocean	No. 6 Fuel	17,857	N (b)**	N (b)**	N (b)**
USCG DISTRICT 7						TOTAL BURNABLE	7 of 15	3 of 15	3 of 15
260		1/19/73	8	Mobile Bay	No. 2 Fuel	1,536.43	Y	Y	Y
261		3/6/73	8	Gulf of Mexico	Aviation Gasoline	1,166.67	N (a, b)	N (a, b)	N (a, b)
266	TM-10	7/8/74	8	Gulf of Mexico	No. 6 Fuel	9,000	N (b)	N (b)	N (b)
271		10/16/75	8	Gulf of Mexico	Clarified	60,000	N (a, c)	N (a, c)	N (a, b, c)
273	National Marine Service	5/4/76	8	Galveston Bay	No. 6 Fuel	5,000	N (b)	N (b)	N (b)
275	Exxon 119	1/27/77	8	Gulf of Mexico	Gasoline	3,665	N (a, b)	N (a, b)	N (a, b)
276		5/9/77	8	Gulf of Mexico	Asphalt	1,202.38	Y	N (b)	N (b)
277		6/7/77	8	Corpus Christi Bay	Auto. Gasoline	5,200	N (a, b)	N (a, b)	N (a, b)
279	STCO-213	10/31/77	8	Galveston Bay	No. 6 Fuel	1,000	N (b)	N (b)	N (b)
282	Bayou Willow	1/23/78	8	Galveston Bay	No. 6 Fuel	1,200	Y	N (b)	N (b)
283	Domar 6501	1/31/78	8	Gulf of Mexico	No. 6 Fuel	6,000	Y	Y	Y

* = monthly avg. of weather
** = no weather provided
a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.10 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
285		2/26/78	8	Sabine Pass	Auto. Gasoline	1,600	N (a, b)	N (a, b)	N (a, b)
287	Rollnes	5/26/78	8	Mobile Bay	Gasoline	2,023	N (a, b)	N (a, b)	N (a, b)
288	Idan	8/20/78	8	Gulf of Mexico	No. 6 Fuel	7,330	Y	Y	Y
290	Amoco Cremona	2/6/79	8	Galveston Bay	No. 6 Fuel	1,140	N (b)	N (b)	N (b)
294	STCO-228	3/17/79	8	Galveston Bay	Aviation Gasoline	4,000	N (a)	N (a, b)	N (a, b)
297		11/24/79	8	Gulf of Mexico	Diesel Fuel	1,500	Y**	Y**	Y**
299	Ocean Cities	2/23/80	8	Gulf of Mexico	Aviation Gasoline	5,000	N (a)	N (a)	N (a)
302	Exxon Houston	7/26/80	8	Gulf of Mexico	No. 2 Fuel	2,857	Y	Y	Y
304	Texaco North Dakato	8/21/80	8	Gulf of Mexico	Gasoline	18,000	N (a)	N (a)	N (a)
306	Hannah 4001	1/4/81	8	Gulf of Mexico	Gasoline	29,320	N (a)	N (a)	N (a)
312	APT 150	11/27/82	8	Mississippi Sound	Naphtha	1,000	N (a)	N (a)	N (a, b)
313		3/10/83	8	Gulf of Mexico	Light Diesel	1,143	Y	Y	Y
317	American Eagle	2/26/84	8	Gulf of Mexico	No. 6 Fuel	3,665	Y	Y	Y
319		12/16/84	8	Galveston Bay	Aviation Gasoline	5,452	N (a, b)	N (a, b)	N (a, b)
323		7/13/85	8	Galveston Bay	Mineral Seal	25,000	N (b)	N (b)	N (b)
328	Domar 115	1/17/88	8	Gulf of Mexico	Auto. Gasoline	7,000	N (a)	N (a)	N (a, b)
234	Exxon Barge 503	9/5/88	8	Gulf of Mexico	No. 2 Diesel	3,004	Y	Y	Y
330	USS Texas	12/14/88	8	Galveston Bay	No. 6 Fuel	1,095	N (b)	N (b)	N (b)
331	Coastal Towing Barge	6/23/89	8	Galveston Bay	No. 6 Fuel	6,000	N (b)	N (b)	N (b)
334	Apex Barges 3417/3503	7/28/90	8	Galveston Bay	No. 5 Fuel	16,476	Y	N (b)	N (b)
	USCG DISTRICT 8					TOTAL BURNABLE	11 of 31	8 of 31	8 of 31
125	Sea Spirit	4/?/74	11	Los Angeles Harbor	Heavy Fuel	48,875	N (b)**	N (b)**	N (b)**
242	Pera	7/16/75	11	Los Angeles Harbor	No. 6 Fuel	2,000	Y	N (b)	N (b)
243	Crowley Maritime 101	4/12/79	11	San Francisco Bay	High Octane Gas	1,000	N (a, b)	N (a, b)	N (a, b)
244		2/23/80	11	Gulf of Santa Catalina	JP 5 Jet	1,500	Y	Y	Y
245		1/3/83	11	Pacific Ocean	Transformer	1,190.48	Y	Y	Y
247	Offshore 2403	5/2/84	11	Pacific Ocean	JP-5/ Kerosene	2,792	Y	Y	Y
252	USS Wichita	9/13/84	11	Pacific Ocean	Diesel	2,905	Y	Y	Y
248	Puerto Rican	10/31/84	11	Pacific Ocean	No. 6 Fuel/Lube Oil	38,500	Y	Y	Y
249		3/2/85	11	Pacific Ocean	No. 2 Fuel	1,429	Y	Y	Y
250	Pac Baroness	9/21/87	11	Santa Barbara Channel	IFO	9,200	Y	Y	Y

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.10 Refined Coastal and Offshore Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
251		8/1/91	11	Pacific Ocean	NSX	1,190.48	N (a)	N (a, b)	N (a, b)
USCG DISTRICT 11						TOTAL BURNABLE	8 of 11	7 of 11	7 of 11
253		8/14/83	13	Puget Sound	No. 1 Diesel	1,019	N (b)	N (b)	N (b)
254	Blue Magpie	11/19/83	13	Pacific Ocean	No. 6 Fuel	1,786	Y	Y	N (b)
255	Hoegh Mascot	2/16/84	13	Coos Bay	Clarified	16,667	N (a, b)	N (a, b)	N (a, b)
257	MCN-5	1/31/88	13	Guemes Channel	Heavy Cycle Gas	1,604	Y	Y	N (b)
258	Nestucca	12/23/88	13	Pacific Ocean	No. 6 Fuel	5,500	Y	Y	N (b)
259	Tenyo Maru	7/22/91	13	Pacific Ocean	Diesel/Lube	3,190.48	Y	Y	Y
USCG DISTRICT 13						TOTAL BURNABLE	4 of 6	4 of 6	1 of 6
344	USS Roanoke	10/29/84	14	Pacific Ocean	Kerosene/JP-5	8,917	N (b)**	N (b)**	N (b)**
346		2/10/86	14	Pacific Ocean	Diesel	2,333	Y**	Y**	Y**
347	Hana	1/20/87	14	Pacific Ocean	No. 6 Fuel	1,000	Y**	Y**	Y**
348		5/13/87	14	Kaiwi Channel	JP-5	3,023	N (b)**	N (b)**	N (b)**
USCG DISTRICT 14 (Hawaii only)						TOTAL BURNABLE	2 of 4	2 of 4	2 of 4

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

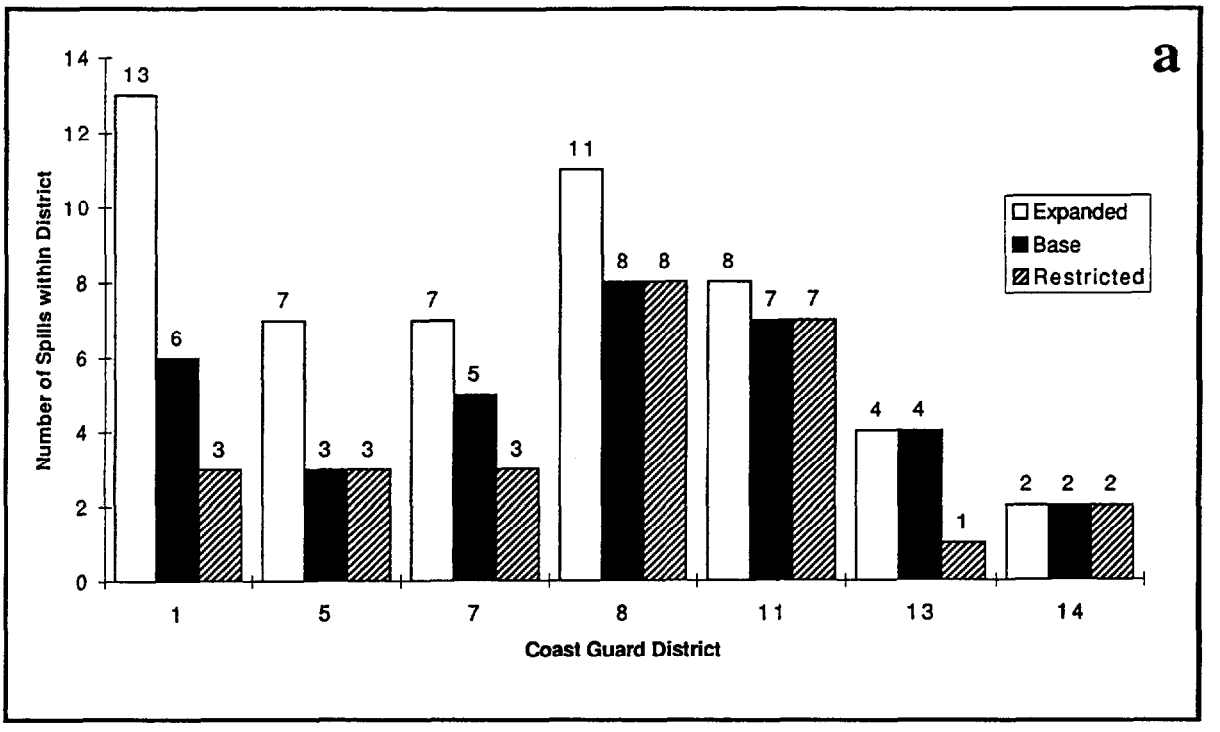
Table 3.11 Refined Coastal and Open Ocean Oil Spills of 1,000 Barrels or in the U.S. (except AK) From 1973 through 1994 That Met Expanded, Base and/or Restricted Burning Criteria

USCG District	Expanded Criteria[1]	Base Criteria[2]	Restricted Criteria[3]
1	13 of 46 (28%)	6 of 46 (13%)	3 of 46 (7%)
5	7 of 25 (28%)	5 of 25 (20%)	5 of 25 (20%)
7	7 of 15 (47%)	3 of 15 (20%)	3 of 15 (20%)
8	11 of 31 (35%)	8 of 31 (26%)	8 of 31 (26%)
11	8 of 11 (73%)	7 of 11 (64%)	7 of 11 (64%)
13	4 of 6 (67%)	4 of 6 (67%)	1 of 6 (17%)
14	2 of 4 (50%)	2 of 4 (50%)	2 of 4 (50%)
TOTAL	**52 of 138 (38%)**	**35 of 138 (25%)**	**30 of 138 (22%)**

1 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥1/4 mile
sea state = ≤4

2 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥1 mile
sea state = ≤4

3 oils deemed burnable = exclude API gravities >45
distance from sensitive receptor = ≥3 miles
sea state = ≤4



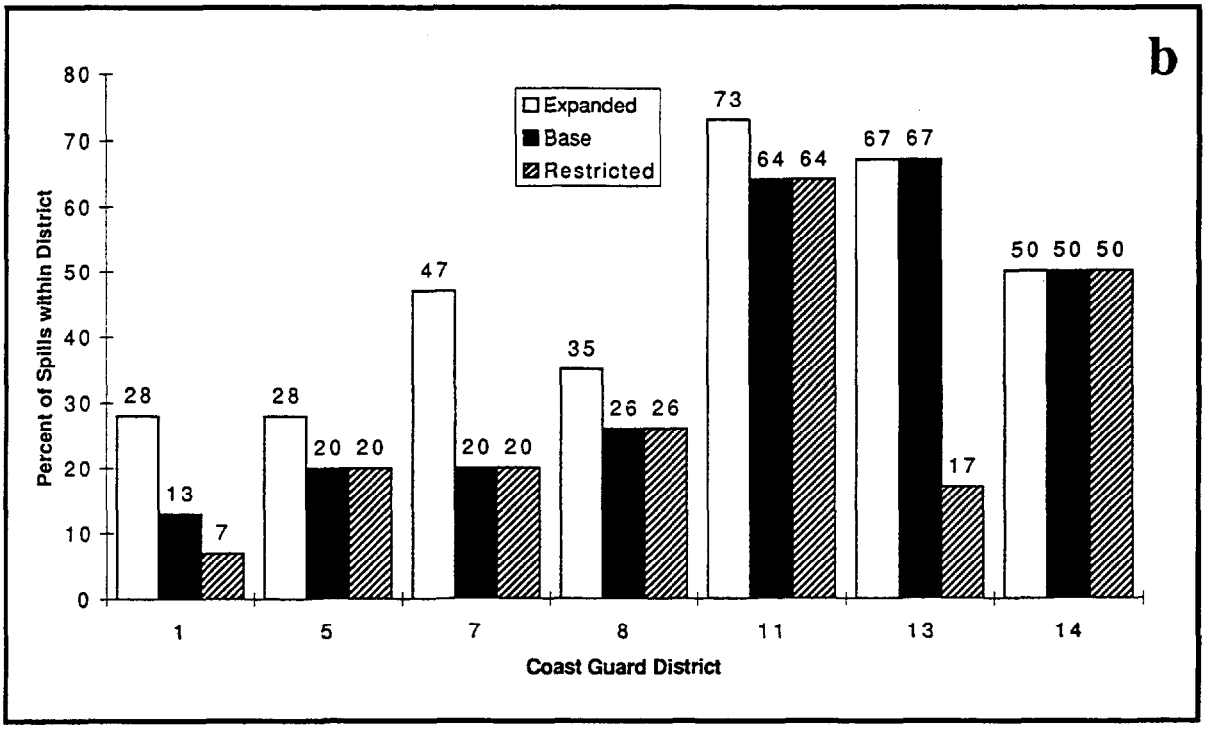


Figure 3.18 *Refined oil spills of 1,000 barrels or more in the coastal United States from 1973 through 1994 where in-situ burning could have been considered for use. a) number of spills; b) percentage of spills*

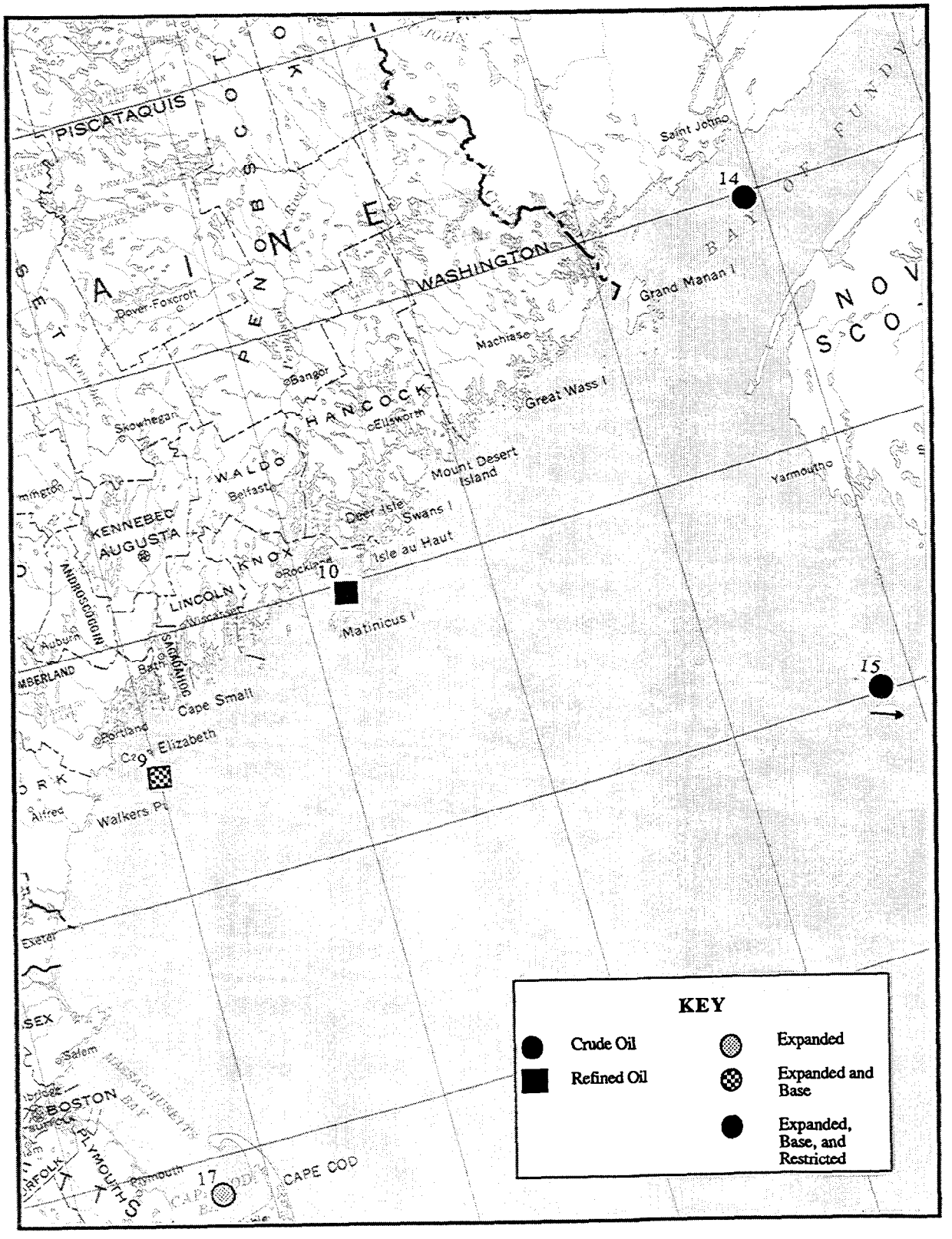


Figure 3.19 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Maine from 1973 through 1994 where in-situ burning could have been considered for use.*

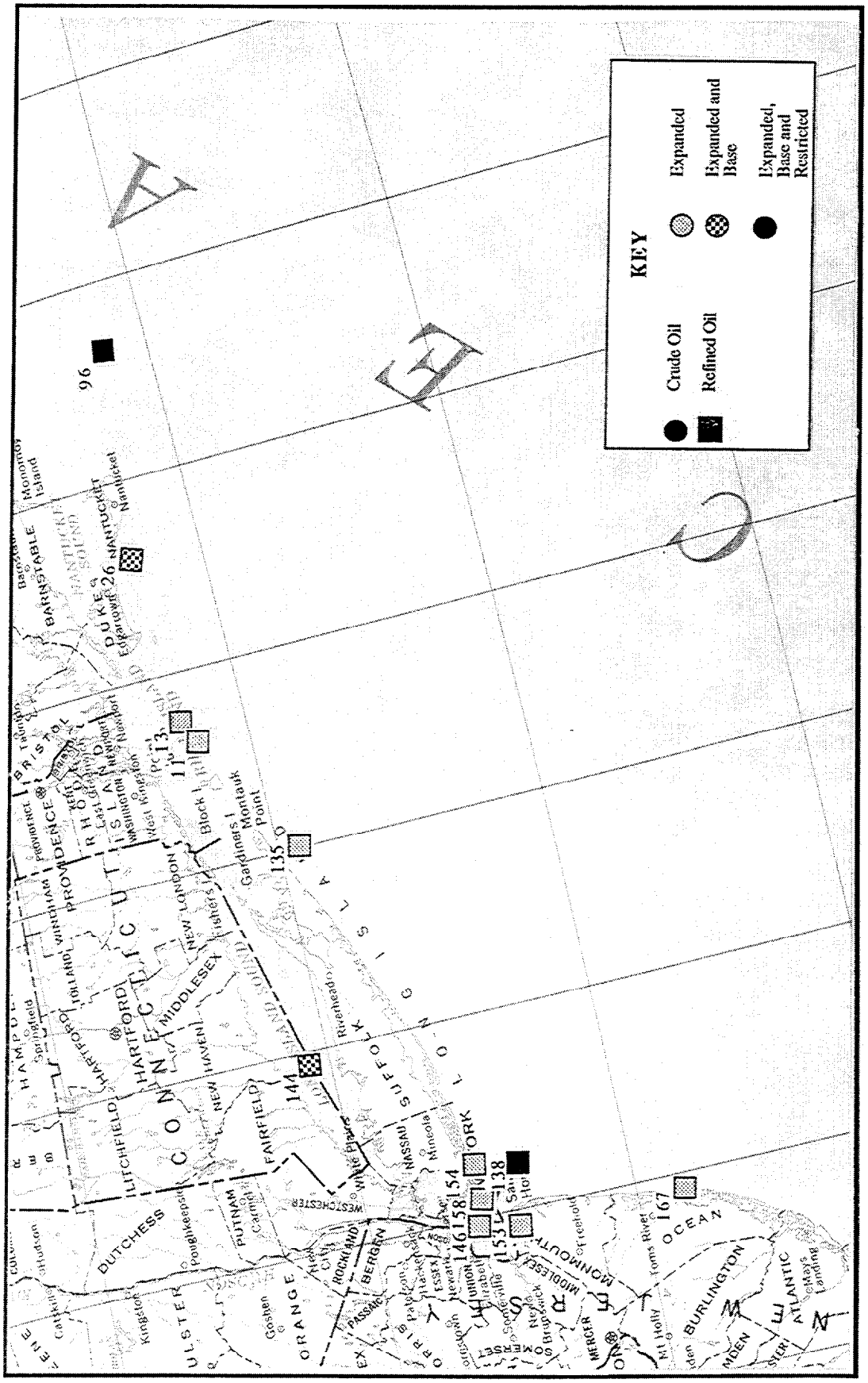


***Figure 3.20** Historical crude and refined oil spills of 1,000 barrels or more off the coast of the northeast from 1973 through 1994 where in-situ burning could have been considered or use.*

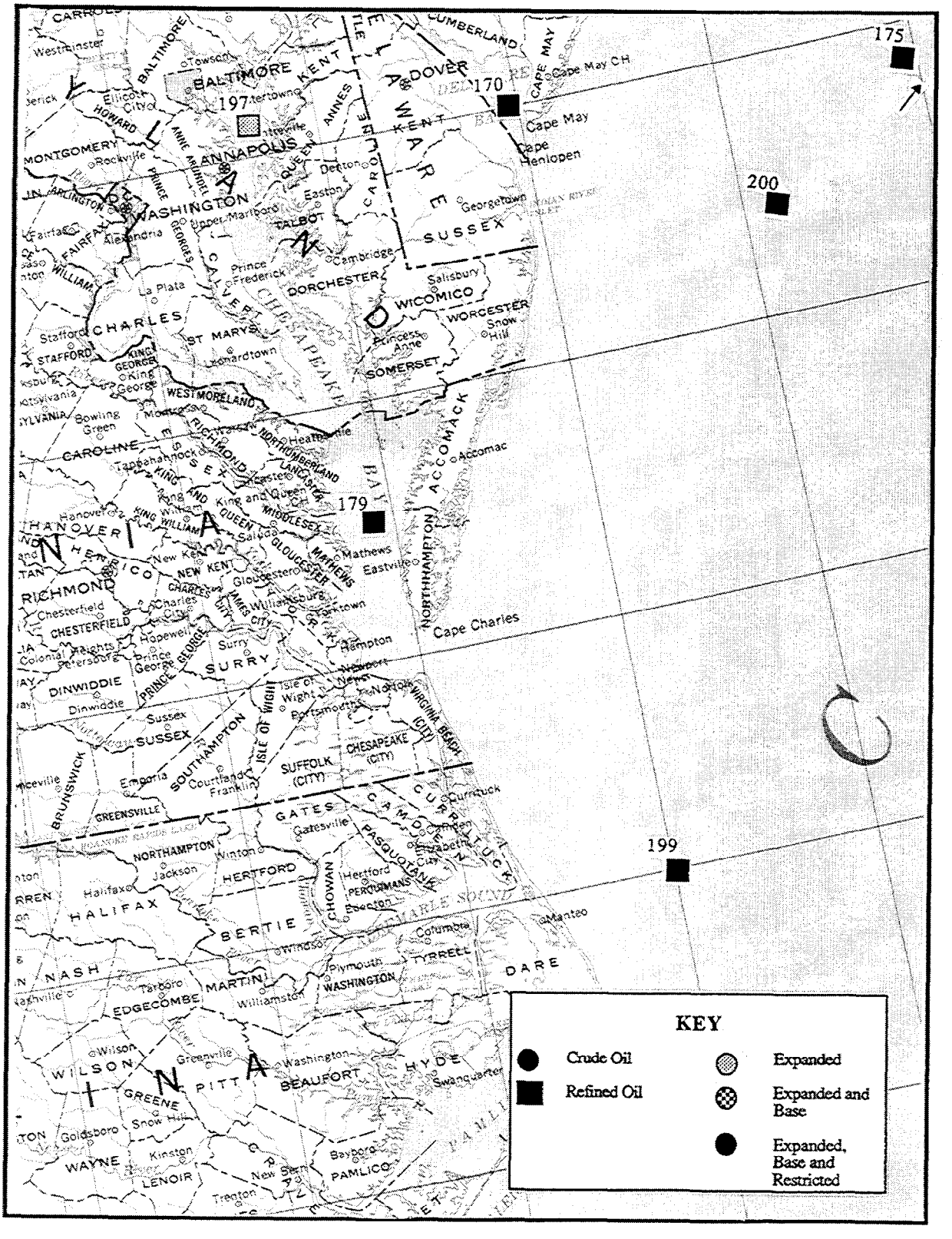


Figure 3.21 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of the mid-Atlantic from 1973 through 1994 where in-situ burning could have been considered for use.*

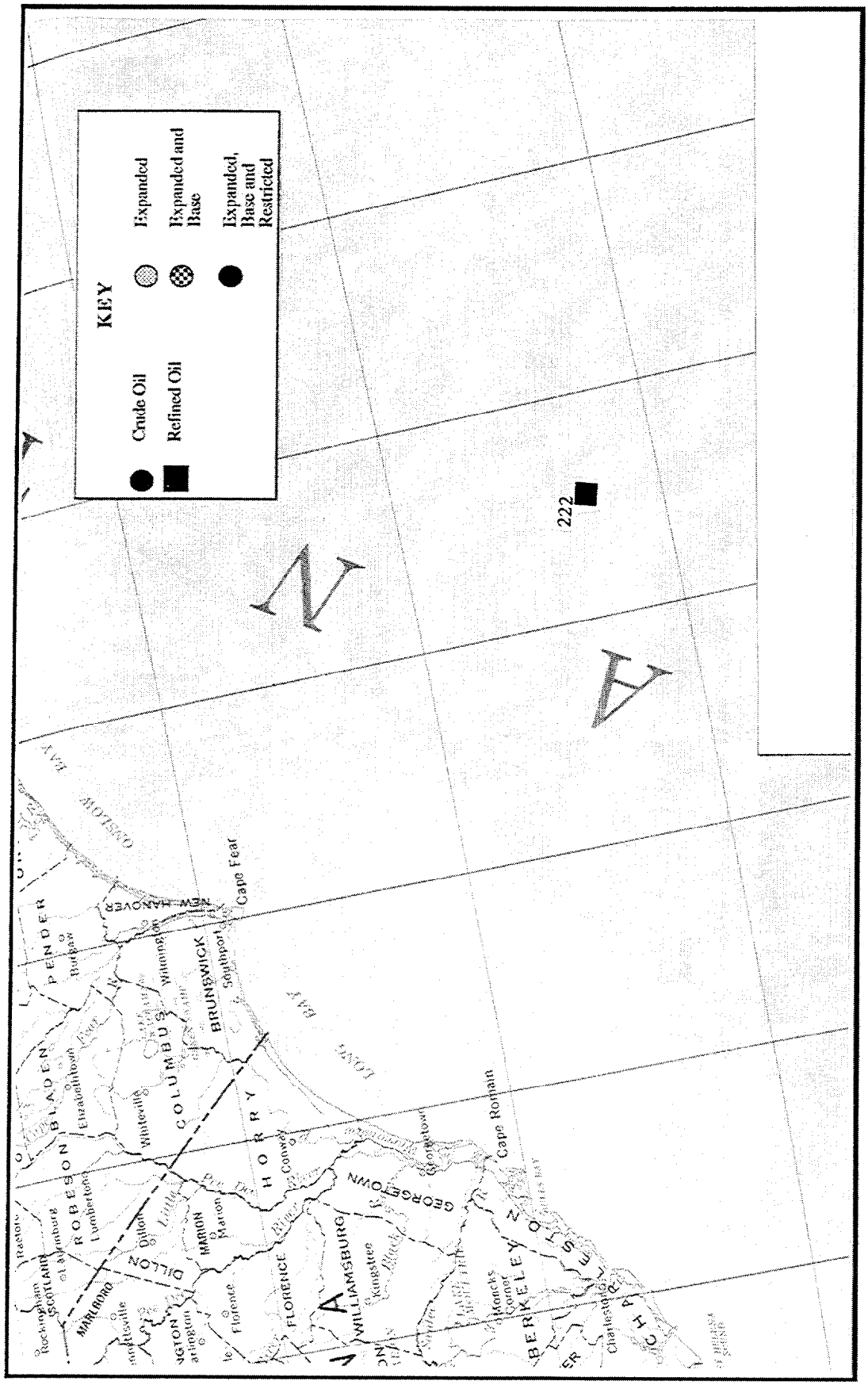


***Figure 3.22** Historical crude and refined oil spills of 1,000 barrels or more off the coast of South Carolina from 1973 through 1994 where in-situ burning could have been considered for use.*

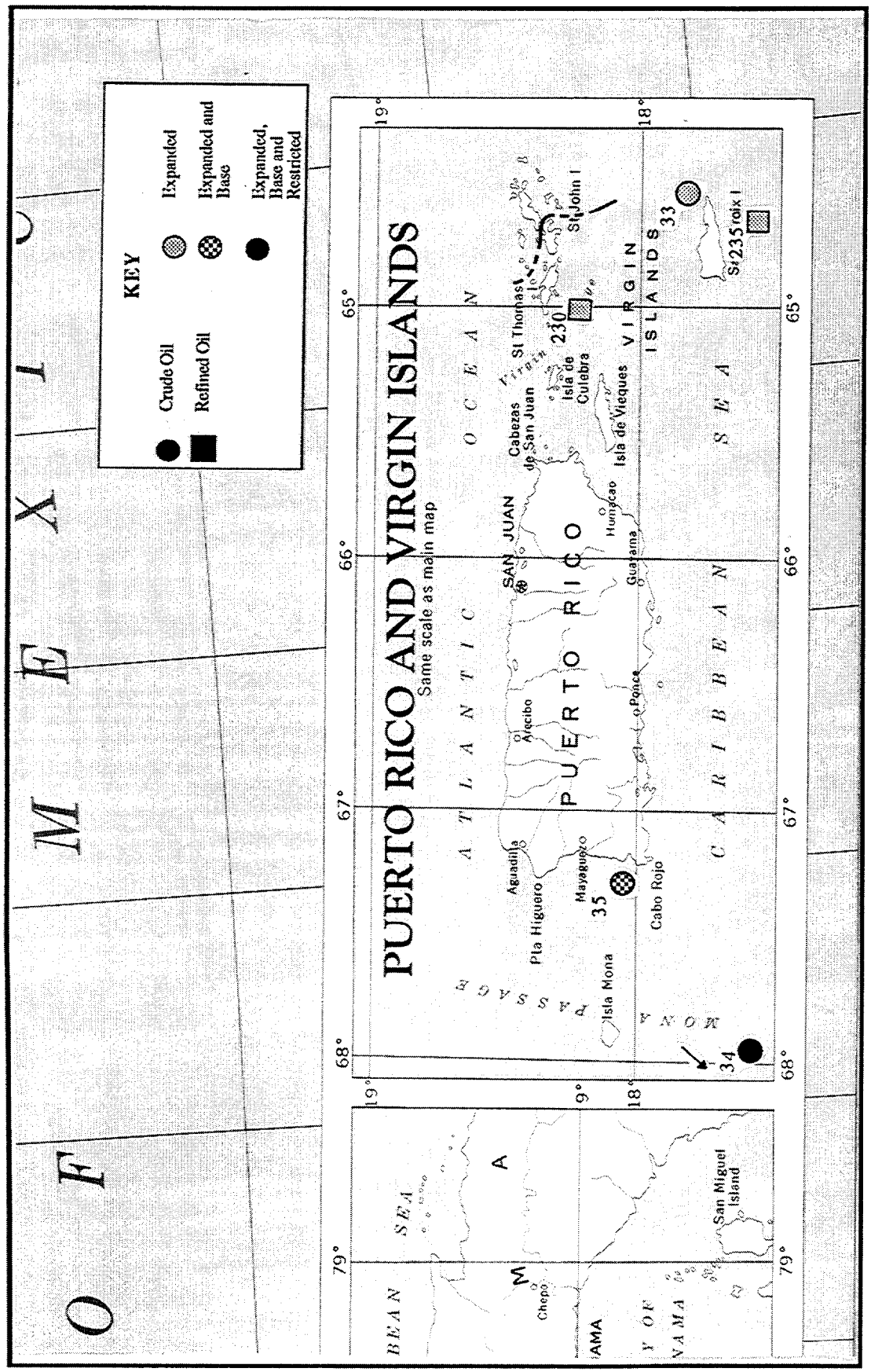


***Figure 3.23** Historical crude and refined oil spills of 1,000 barrels or more off the coast of Puerto Rico and U.S. Virgin Islands from 1973 through 1994 where in-situ burning could have been considered for use.*

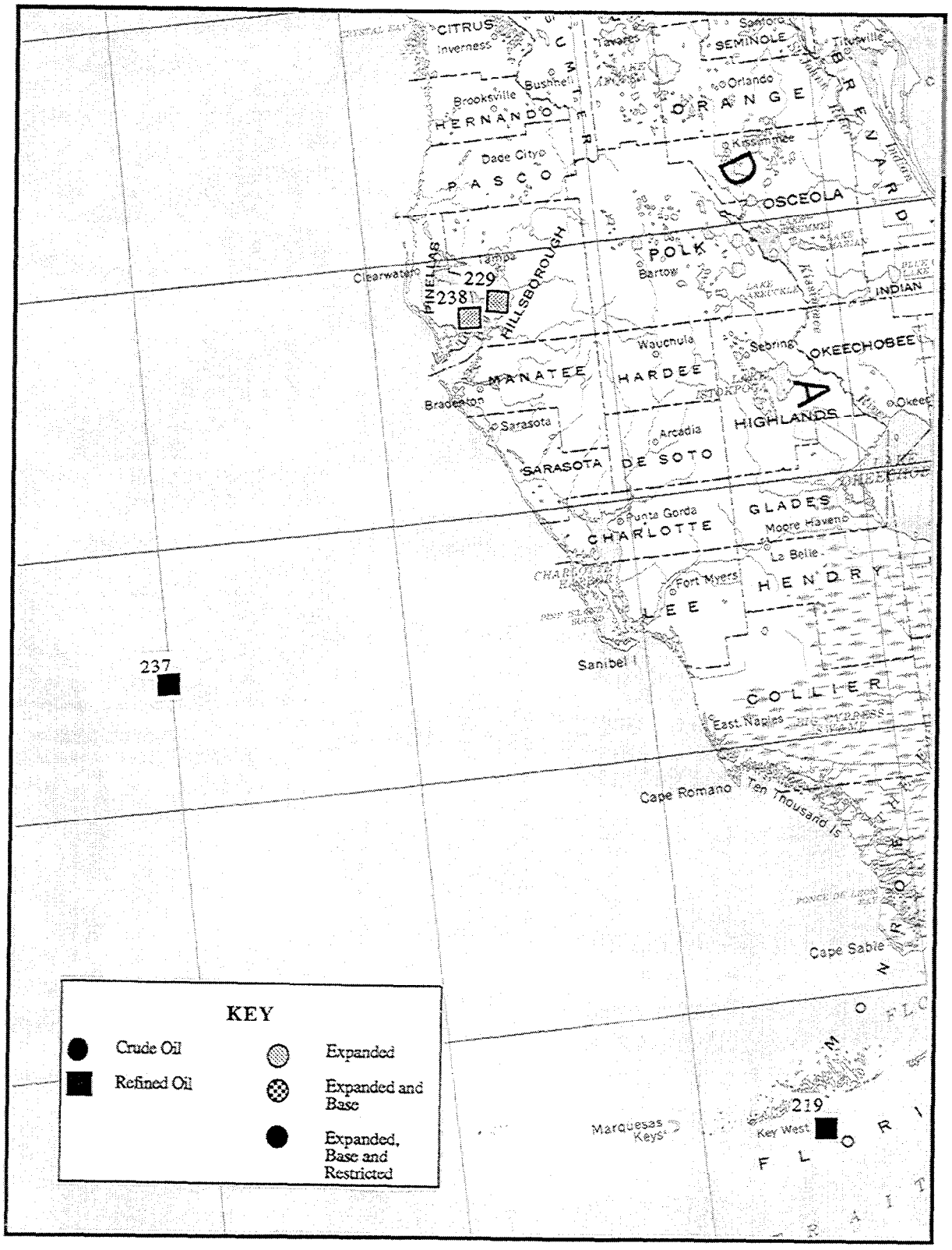


Figure 3.24 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Florida from 1973 through 1994 where in-situ burning could have been considered or use.*

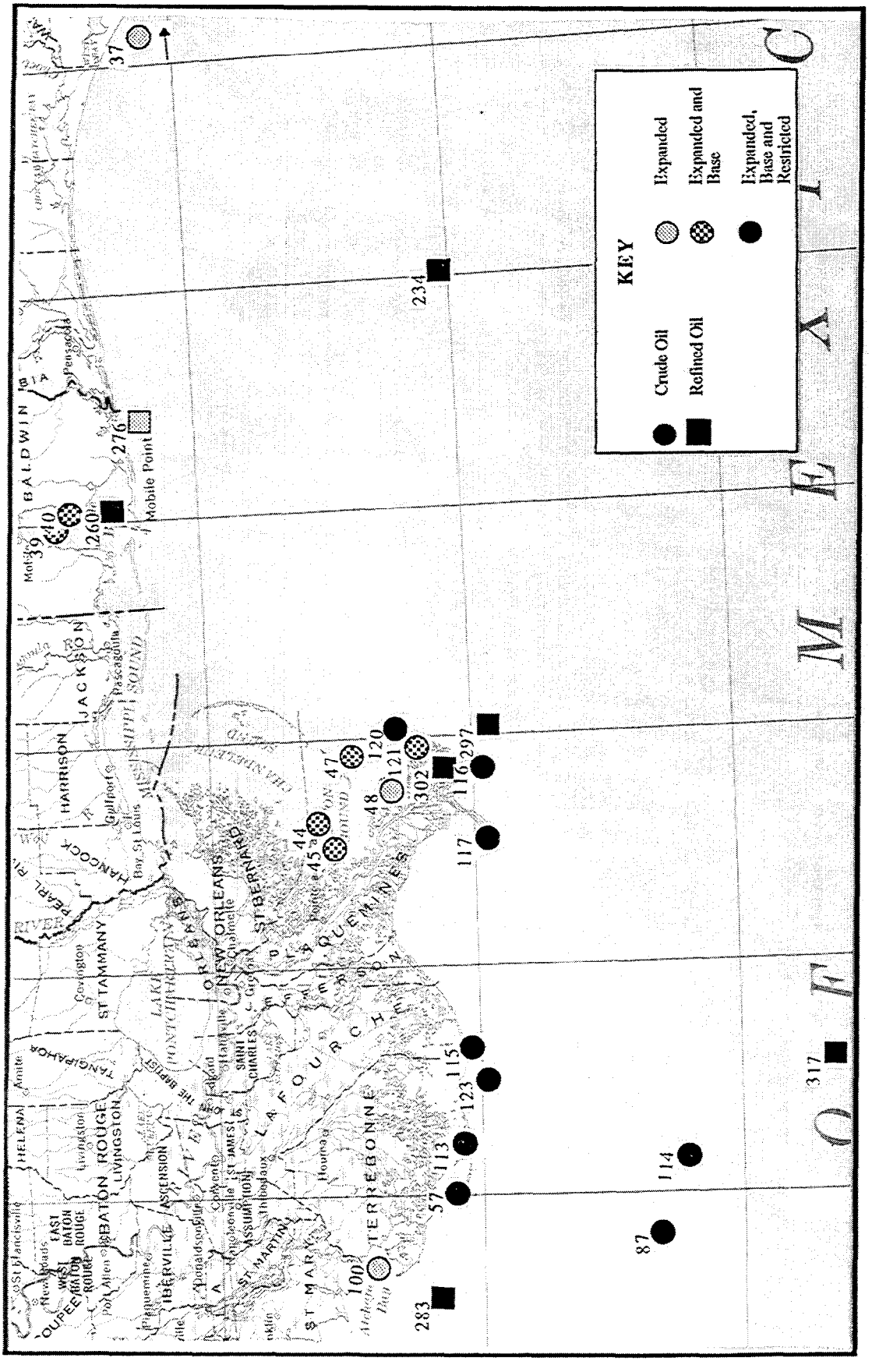


***Figure 3.25** Historical crude and refined oil spills of 1,000 barrels or more off the coast of Alabama and eastern Louisiana from 1973 through 1994 where in-situ burning could have been considered for use.*

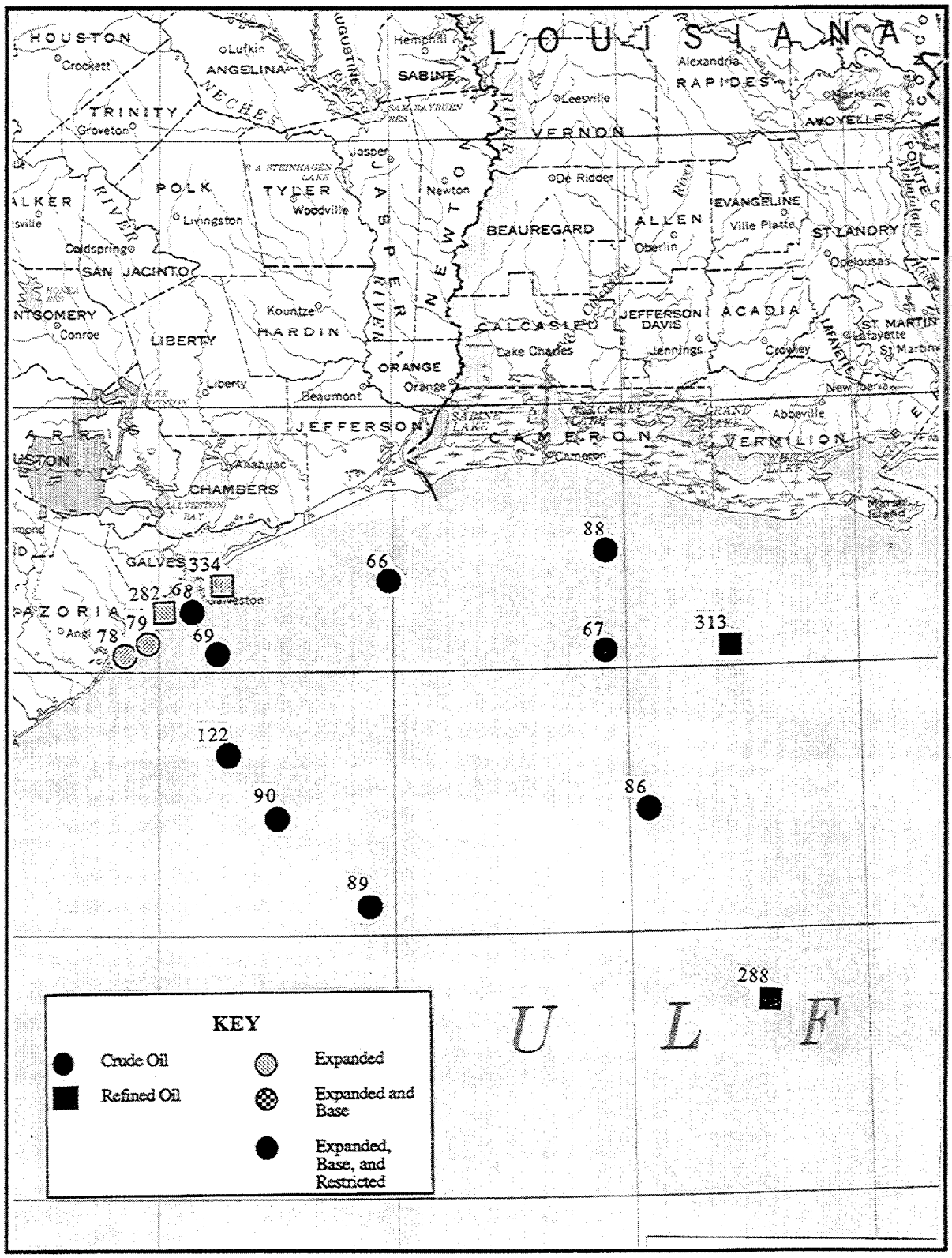


Figure 3.26 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Louisiana and Texas from 1973 through 1994 where in-situ burning could have been considered or use.*

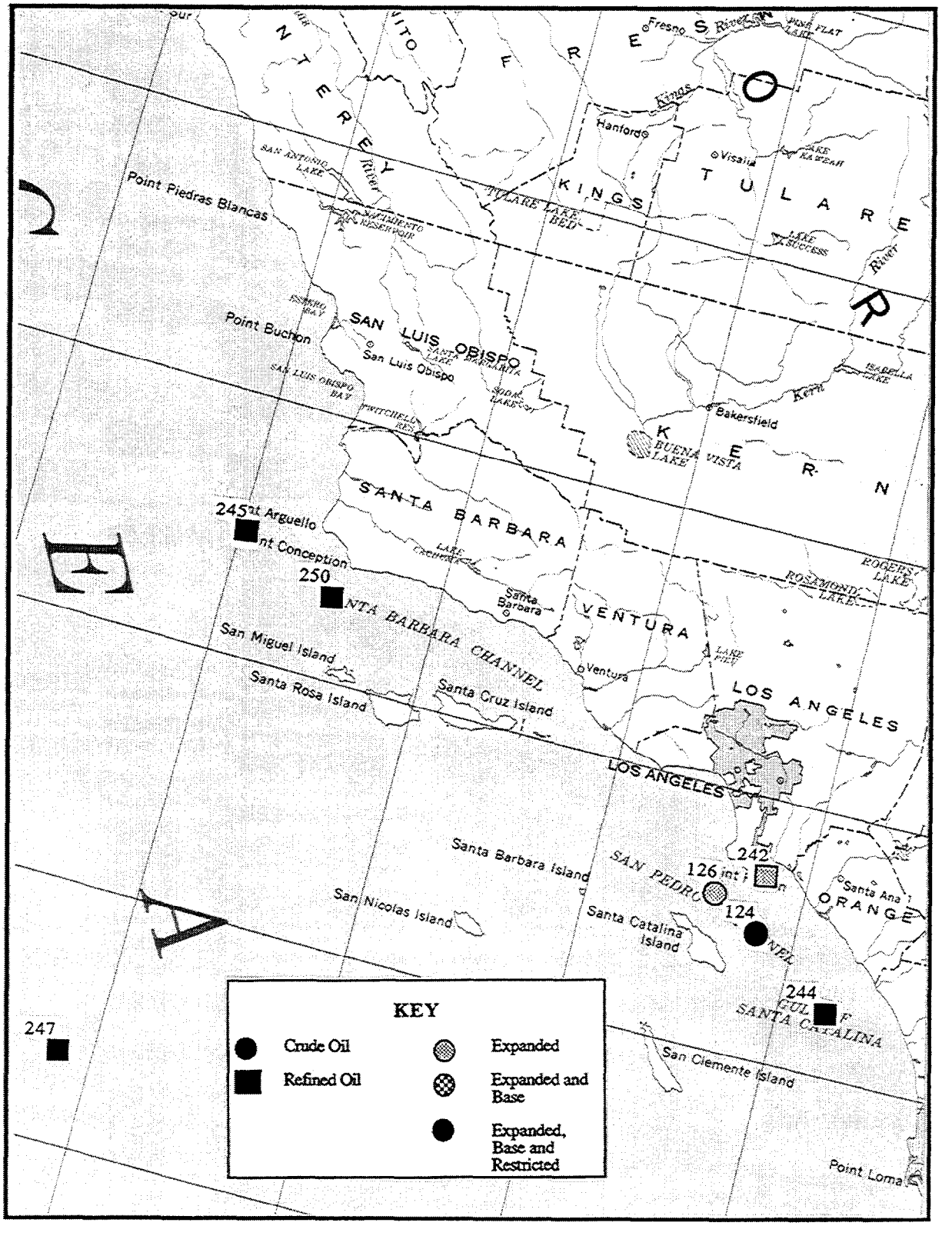


Figure 3.27 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Southern California from 1973 through 1994 where in-situ burning could have been considered or use.*

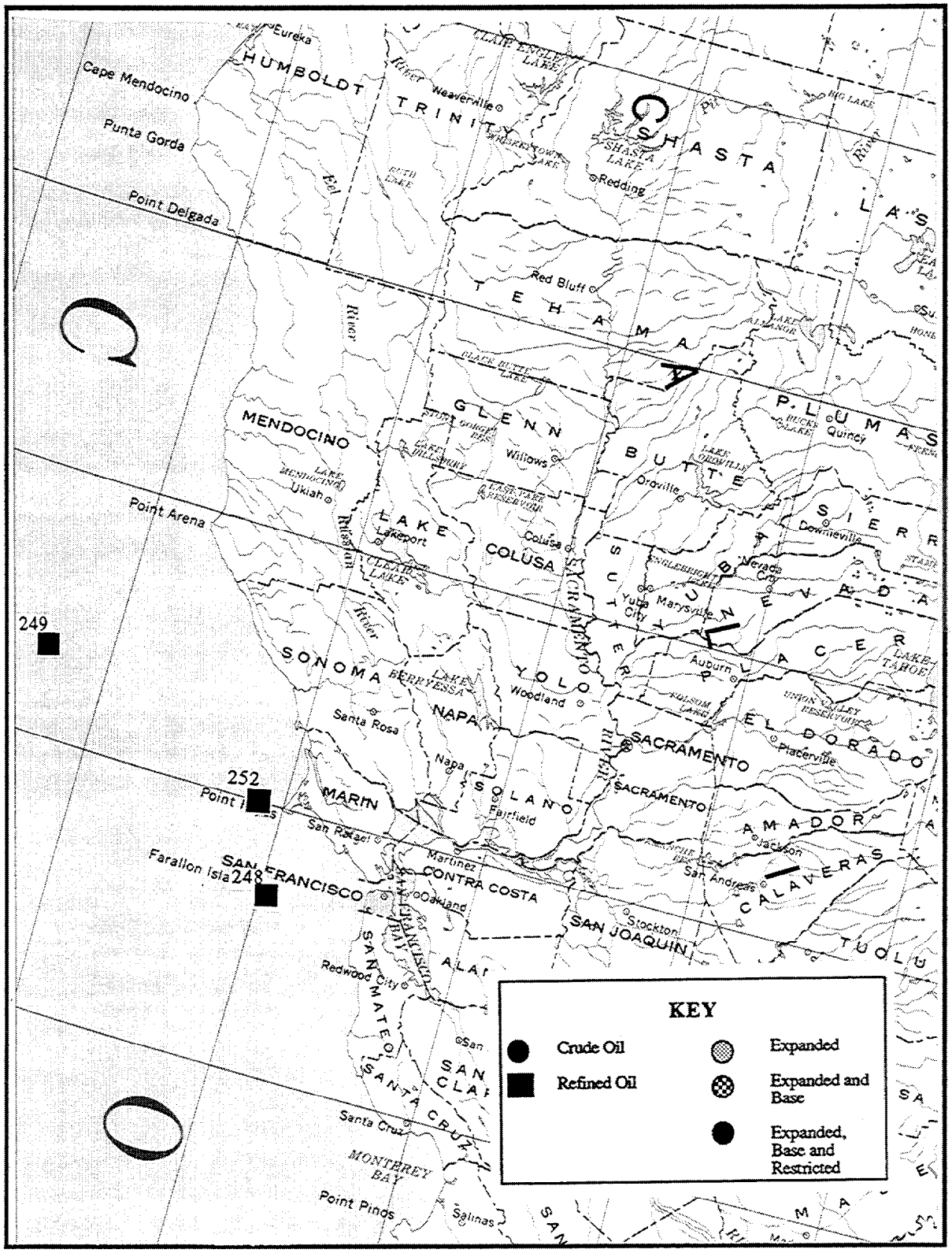


Figure 3.28 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Northern California from 1973 through 1994 where in-situ burning could have been considered or use.*

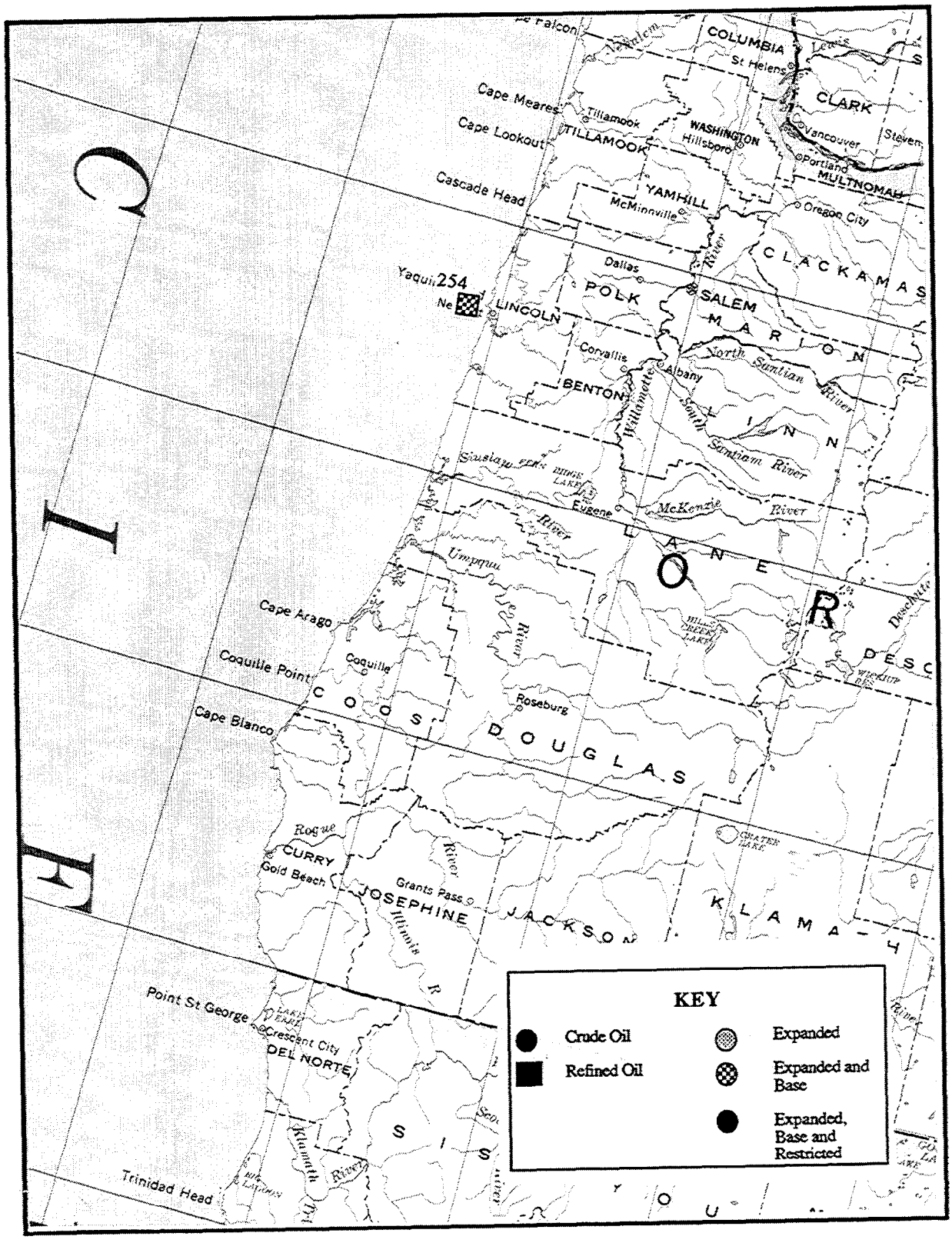


Figure 3.29 *Historical crude and refined oil spills of 1,000 barrels or more off the coast of Oregon from 1973 through 1994 where in-situ burning could have been considered or use.*

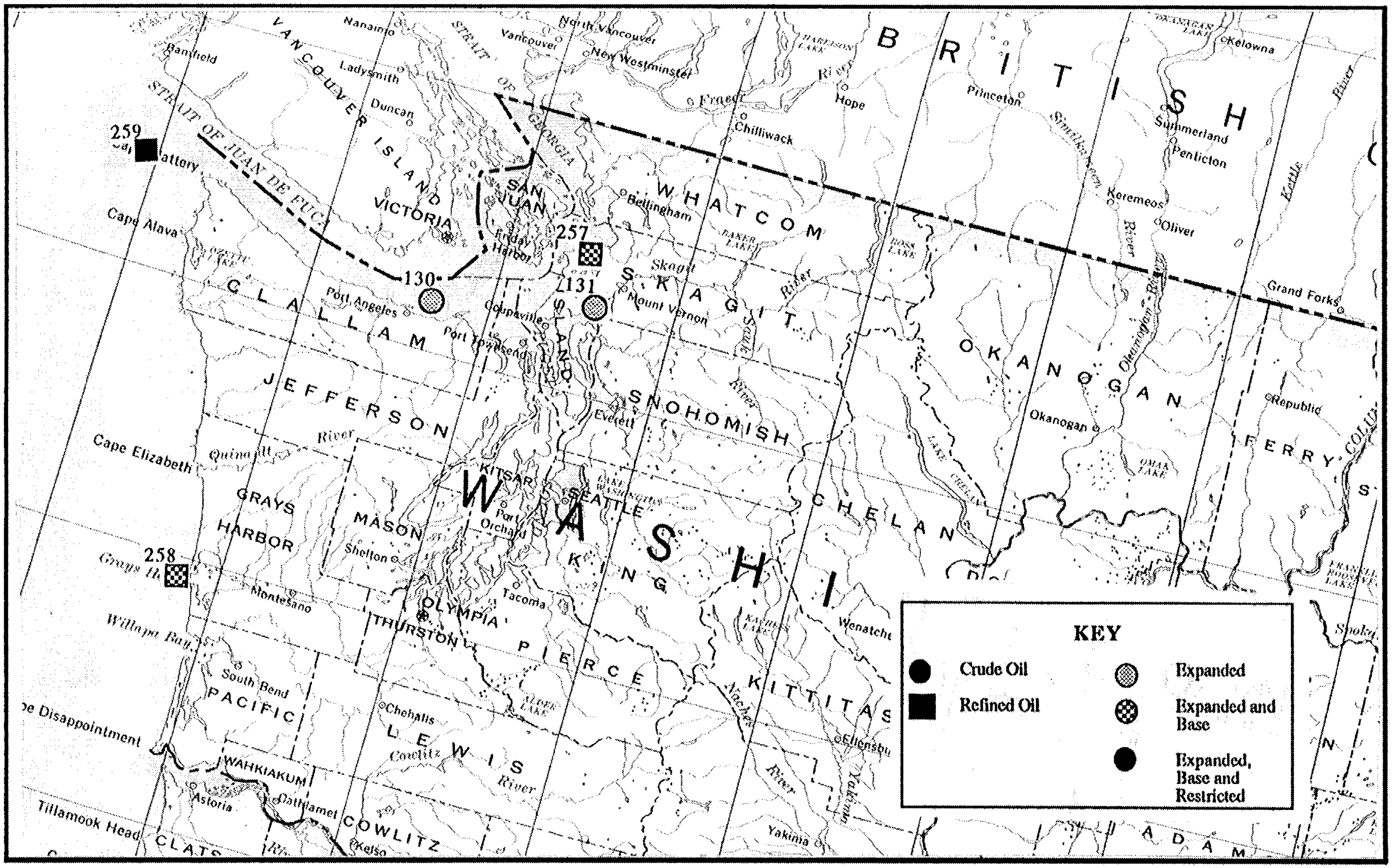


Figure 3.30 Historical crude and refined oil spills of 1,000 barrels or more off the coast of Washington from 1973 through 1994 where in-situ burning could have been considered for use.

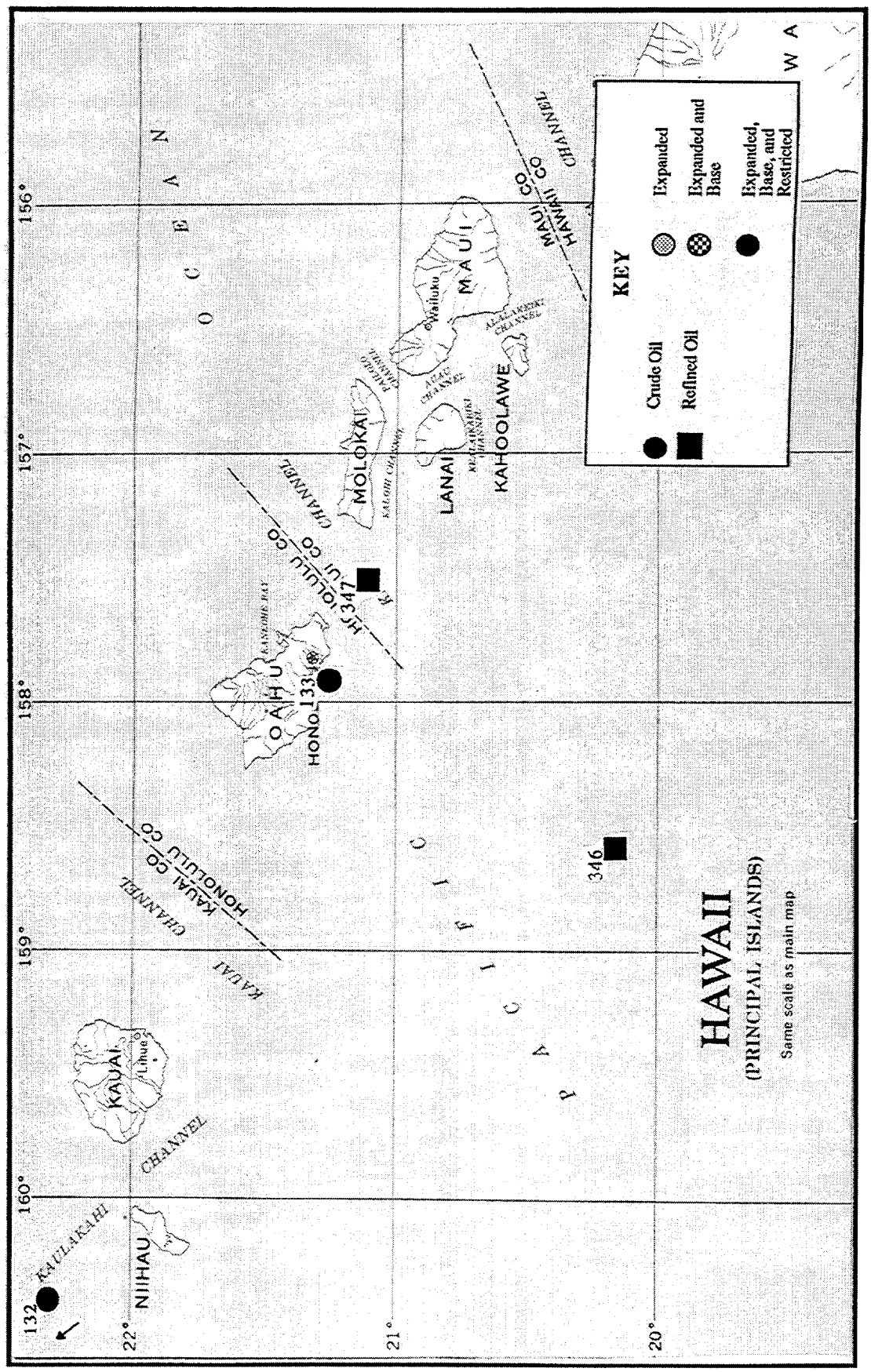


***Figure 3.31** Historical crude and refined oil spills of 1,000 barrels or more off the coast of Hawaii from 1973 through 1994 where in-situ burning could have been considered for use.*

Table 3.12 Crude Riverine Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
1	William Larimer Mellon	12/26/73	5	Delaware River, DE	Light Crude	3,000.00	N (b, c)	N (b, c, d)	N (b, c, d)
2	Corinthos	1/31/75	5	Delaware River, DE	Algerian Crude	266,000	N (a, b)	N (a, b, d)	N (a, b, c, d)
3	Olympic Games	12/28/76	5	Delaware River, DE	Unidentified Crude	3,190.48	Y	N (b, d)	N (b, c, d)
4		6/25/79	5	Delaware River, DE	Unidentified Crude	4,500	Y	N (b, d)	N (b, c, d)
5	Interstate 50	9/1/79	5	Delaware River, DE	Unidentified Crude	4,500	Y	N (b, d)	N (b, c, d)
6	Grand Eagle	9/28/85	5	Delaware River, DE	Ninian Crude	10,357	N (b)	N (b)	N (b, c)
7	Intermar Alliance	3/21/86	5	Delaware River, DE	Nigerian/Ninian	2,500	N (b)	N (b, c)	N (b, c, d)
8	Viking Osprey	9/10/86	5	Delaware River, DE	Isthmus Light	6,300	N (b)	N (b, c, d)	N (b, c, d)
	USCG DISTRICT 5					TOTAL DISPERSABLE	3 of 8	0 of 8	0 of 8
73	Bayou Lafousche	3/9/73	8	Houston Ship Channel	Louisiana Crude	10,000	Y	N (b, c)	N (b, c)
50	National Crest	7/10/73	8	Mississippi River, LA	Unidentified Crude	5,131	N (b)	N (b, d)	N (b, d)
80		12/23/73	8	Houston Ship Channel	Unidentified Crude	2,000	N (b)	N (b)	N (b, c, d)
52		6/22/74	8	Mississippi River, LA	Light Crude	42,238	N (b)	N (b, d)	N (b, c, d)
60		12/24/74	8	Mississippi River, LA	Unidentified Crude	1,500	N (b)	N (b, c)	N (b, c, d)
43	SJT-4	2/24/76	8	Mississippi River, LA	Unidentified Crude	3,804	N (b)	N (b, d)	N (b, c, d)
62	STCO 225	9/26/76	8	Neches River, TX	Unidentified Crude	1,000	N (b)	N (b, c, d)	N (b, c, d)
76	Esso Bayway	1/28/79	8	Neches River	Light Arabian	6,500	N (b, c)	N (b, c, d)	N (b, c, d)
110	Chevron Hawaii	9/1/79	8	Houston Ship Channel	Santa Maria Crude	20,000	N (a, b, c)	N (a, b, c)	N (a, b, c)
51	Pina	12/19/79	8	Mississippi River, LA	Unidentified Crude	4,000	N (b)	N (b, d)	N (b, c, d)
58		1/4/80	8	Atchafalaya River	Unidentified Crude	1,888	N (b)	N (b)	N (b, d)
70	Olympic Glory	1/21/81	8	Houston Ship Channel	Galeota Crude	20,000	Y	N (d)	N (b, c, d)
49	Aphrodite B	9/5/81	8	Mississippi River, LA	Unidentified Crude	8,571	N (b)	N (b, d)	N (b, c, d)
59	Hollywood 2006	3/5/85	8	Atchafalaya River	Unidentified Crude	1,000	N (b)	N (b)	N (b, d)
61	Stavanger Prince	3/20/91	8	Mississippi River, LA	Arabian Heavy	3,100	N (b)	N (b, c, d)	N (b, c, d)
	USCG DISTRICT 8					TOTAL DISPERSABLE	2 of 15	0 of 15	0 of 15
128		9/6/73	13	Willamette River	Unidentified Crude	1,428.57	N (b)	N (b)	N (b, c, d)
	USCG DISTRICT 13					TOTAL DISPERSABLE	0 of 1	0 of 1	0 of 1

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.13 Refined Riverine Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
136		6/6/73	1	Hudson River, NY	No. 6 Fuel	1,190.48	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
142		2/4/77	1	Hudson River, NY	No. 6 Fuel	10,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
148	Cibro Philadelphia	11/28/78	1	East River, NY	No. 2 Fuel	1,055	N (b)	N (b, c, d)	N (b, c, d)
150		3/5/79	1	Quinnipiac River	JP 4 Jet Fuel	2,380.95	N (b, c)	N (b, c)	N (b, c)
155	Matthew/Christina	9/26/83	1	Hudson River	Aviation Gasoline	5,714	N (a)	N (a, b, d)	N (a, b, c, d)
159	Texaco 807	2/17/87	1	East River, NY	No. 2 Fuel	7,190	N (b)	N (b, c)	N (b, c, d)
160	Morania 440	9/13/89	1	East River, NY	Gasoline	2,571	N (a, c)	N (a, b, c, d)	N (a, b, c, d)
166		10/26/90	1	Hudson River, NY	Kerosene	4,523.81	N (b, c)	N (b, c, d)	N (b, c, d)
USCG DISTRICT 1						TOTAL DISPERSABLE	0 of 8	0 of 8	0 of 8
168		6/26/73	5	Delaware River	No. 6 Fuel	2,142.86	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
173	Athos	2/19/74	5	Delaware River	No. 6 Fuel	6,786	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
177		9/14/75	5	Schuylkill River	No. 6 Fuel	1,428.57	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
178		11/4/75	5	Delaware River	Clarified	1,738.10	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
181		4/29/76	5	Delaware River	Naphtha	2,000	N (a)	N (a, b, c)	N (a, b, c, d)
182		5/12/76	5	Schuylkill River	No. 6 Fuel	2,619.05	N (a, b, c)	N (a, b, c)	N (a, b, c)
183		5/26/76	5	Hackensack River	No. 6 Fuel	3,571.43	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
185		3/5/77	5	Hudson River	No. 1 Diesel	3,571.43	N (b)	N (b, c, d)	N (b, c, d)
186	ACT-586	6/26/77	5	York River	No. 6 Fuel	1,786	N (a, b, c,)	N (a, b, c, d)	N (a, b, c, d)
188	Interstate 19	3/20/78	5	Delaware River	Kerosene/JP-5	15,000	N (c)	N (b, c, d)	N (b, c, d)
196		3/6/80	5	Coan River	No. 2 Fuel	7,761.90	N (b, c)	N (b, c, d)	N (b, c, d)
203	Peter Maersk	6/28/83	5	Cape Fear River	No. 6 Fuel	1,000	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
205		11/21/84	5	Cape Fear River	No. 6 Fuel	17,000	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
207	Texaco 803	5/9/85	5	Passaic River	No. 2 Diesel	1,048	N (b, c)	N (b, c)	N (b, c, d)
211	Presidente Rivera	6/24/89	5	Delaware River	No. 6 Fuel	7,310	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
216	Interstate #48	9/18/91	5	Delaware River	Vacuum Gas Oil	1,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
USCG DISTRICT 5						TOTAL DISPERSABLE	0 of 16	0 of 16	0 of 16
226		6/16/79	7	Wilmington River	Transformer	8,928.57	N (b)	N (b, c, d)	N (b, c, d)
228		11/25/82	7	Savannah River	Transformer	8,571.43	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
232	Amazon Venture	12/4/86	7	Savannah River	No. 6 Fuel	11,905.76	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
USCG DISTRICT 7						TOTAL DISPERSABLE	0 of 3	0 of 3	0 of 3

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.13 Refined Riverine Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using Dispersant Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
263		1/10/74	8	Mississippi River	Aviation Gasoline	2,857.14	N (a, b)	N (a, b)	N (a, b, d)
267	O N 541952	7/21/74	8	Port Arthur Canal	No. 6 Fuel	2,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
272		1/14/76	8	Neches River	Rosin	1,100	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
280	Texas ON 523761	11/26/77	8	Mississippi River	No. 2 and 4	2,000	N (b)	N (b)	N (b, d)
281		12/7/77	8	Mississippi River	Transformer	1,000	N (b)	N (b, c, d)	N (b, c, d)
286	Mary	3/30/78	8	Mississippi River	No. 6 Fuel	1,000	N (a, b)	N (a, b, d)	N (a, b, d)
289	Trade Nomad	1/11/79	8	Mississippi River	Carbon Black	1,810	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
291	REB 1902	2/18/79	8	Atchafalaya River	Carbon Black	1,904	N (a, b)	N (a, b)	N (a, b, d)
293	Gulfoil	2/26/79	8	Port Arthur Canal	Auto. Gasoline	1,600	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
296	M-608	4/18/79	8	Mississippi River	No. 2 Diesel	1,700	N (b)	N (b, d)	N (b, d)
298		12/12/79	8	Mississippi River	No. 2 Fuel	1,144.76	N (b)	N (b, d)	N (b, c, d)
301	STCO 227	4/29/80	8	Houston Ship Channel	Cutter Feedstock	4,000	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
305	TT-7002	12/24/80	8	Neches River	Cracked Gasoline	3,300	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
307	Apex Houston	3/19/81	8	Mississippi River	No. 6 Fuel	25,042	N (a, b)	N (a, b, d)	N (a, b, c, d)
309		6/23/82	8	Mississippi River	Kerosene	2,400	N (b)	N (b, d)	N (b, d)
310	B 450-3	7/23/82	8	Calcasieu River	Auto. Gasoline	5,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
311	Scottish Lion	7/30/82	8	Mississippi River	No. 6 Fuel	1,276	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
315		8/22/83	8	Calcasieu River	Absorption	15,000	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
316	218 Barge	12/25/83	8	Mississippi River	Diesel	2,500	N (b, c)	N (b, c)	N (b, c, d)
320		2/15/85	8	Neches River	Range	30,000	N (b, c)	N (b, c)	N (b, c, d)
321		5/10/85	8	Port Arthur Canal	Resin	1,087	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
324	RF-1001	8/17/85	8	Mississippi River	No. 6 Fuel	9,000	N (a, b)	N (a, b, d)	N (a, b, c, d)
325		9/7/85	8	Port Arthur Canal	Aviation Gasoline	3,600	N (a, b, c)	N (a, b, c, d)	N (a, b, c, d)
327	Stolt Sea	1/10/88	8	Mississippi River	No. 6 Fuel	1,000	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
329	ESSO Puerto Rico	9/3/88	8	Mississippi River	Carbon Black	23,000	N (a, b)	N (a, b, c, d)	N (a, b, c, d)
332	Chotin 2881 and 2183X	1/25/90	8	Mississippi River	Gasoline; Diesel	2,185	N (b)	N (b)	N (b, d)
333	MGM 2001	4/22/90	8	Colorado River	Diesel	1,286	N (b, c)	N (b, c, d)	N (b, c, d)
337	IB-2629	4/9/93	8	Mississippi River	No. 6 Fuel	5,500	N (a, b, c)	N (a, b, c)	N (a, b, c, d)
	USCG DISTRICT 8					TOTAL DISPERSABLE	0 of 28	0 of 28	0 of 28
256	Mobiloil US-31, 760	3/19/84	13	Columbia River	No. 6 Fuel	3,925	N (a, b)	N (a, b, d)	N (a, b, c, d)
	USCG DISTRICT 13					TOTAL DISPERSABLE	0 of 1	0 of 1	0 of 1

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from shoreline

c = water depth
d = sea state

Table 3.14 Crude Riverine Oil Spills of 1,000 Barrels or More in the U.S from 1973 through 1994: Examined Using In-situ Burning Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
1	William Larimer Mellon	12/26/73	5	Delaware River, DE	Light Crude	3,000.00	N (b)	N (b)	N (b)
2	Corinthos	1/31/75	5	Delaware River, DE	Algerian Crude	266,000	N (a, b)	N (a, b)	N (a, b)
3	Olympic Games	12/28/76	5	Delaware River, DE	Unidentified Crude	3,190.48	Y	N (b)	N (b)
4		6/25/79	5	Delaware River, DE	Unidentified Crude	4,500	Y	N (b)	N (b)
5	Interstate 50	9/1/79	5	Delaware River, DE	Unidentified Crude	4,500	Y	N (b)	N (b)
6	Grand Eagle	9/28/85	5	Delaware River, DE	Ninian Crude	10,357	N (b)	N (b)	N (b)
7	Intermar Alliance	3/21/86	5	Delaware River, DE	Nigerian/Ninian	2,500	N (b)	N (b)	N (b)
8	Viking Osprey	9/10/86	5	Delaware River, DE	Isthmus Light	6,300	N (b)	N (b)	N (b)
	USCG DISTRICT 5					TOTAL BURNABLE	3 of 8	0 of 8	0 of 8
73	Bayou Lafousche	3/9/73	8	Houston Ship Channel	Louisiana Crude	10,000	N (b)	N (b, c)	N (b, c)
50	National Crest	7/10/73	8	Mississippi River, LA	Unidentified Crude	5,131	N (b)	N (b)	N (b)
80		12/23/73	8	Houston Ship Channel	Unidentified Crude	2,000	N (b)	N (b)	N (b)
52		6/22/74	8	Mississippi River, LA	Light Crude	42,238	N (b)	N (b)	N (b)
60		12/24/74	8	Mississippi River, LA	Unidentified Crude	1,500	N (b)	N (b)	N (b)
43	SJT-4	2/24/76	8	Mississippi River, LA	Unidentified Crude	3,804	N (b)	N (b)	N (b)
62	STCO 225	9/26/76	8	Neches River, TX	Unidentified Crude	1,000	N (b)	N (b)	N (b)
76	Esso Bayway	1/28/79	8	Neches River	Light Arabian	6,500	N (b)	N (b)	N (b)
110	Chevron Hawaii	9/1/79	8	Houston Ship Channel	Santa Maria Crude	20,000	N (b, c)	N (b, c)	N (b, c)
51	Pina	12/19/79	8	Mississippi River, LA	Unidentified Crude	4,000	N (b)	N (b)	N (b)
58		1/4/80	8	Atchafalaya River	Unidentified Crude	1,888	N (b)	N (b)	N (b)
70	Olympic Glory	1/21/81	8	Houston Ship Channel	Galeota Crude	20,000	Y	Y	N (b)
49	Aphrodite B	9/5/81	8	Mississippi River, LA	Unidentified Crude	8,571	N (b)	N (b)	N (b)
59	Hollywood 2006	3/5/85	8	Atchafalaya River	Unidentified Crude	1,000	N (b)	N (b)	N (b)
61	Stavanger Prince	3/20/91	8	Mississippi River, LA	Arabian Heavy	3,100	N (b)	N (b)	N (b)
	USCG DISTRICT 8					TOTAL BURNABLE	1 of 15	1 of 15	0 of 15
128		9/6/73	13	Willamette River	Unidentified Crude	1,428.57	N (b)	N (b)	N (b)
	USCG DISTRICT 13					TOTAL BURNABLE	0 of 1	0 of 1	0 of 1

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.15 Refined Riverine Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
136		6/6/73	1	Hudson River, NY	No. 6 Fuel	1,190.48	N (b)	N (b)	N (b)
142		2/4/77	1	Hudson River, NY	No. 6 Fuel	10,000	N (b)	N (b)	N (b)
148	Cibro Philadelphia	11/28/78	1	East River, NY	No. 2 Fuel	1,055	N (b)	N (b)	N (b)
150		3/5/79	1	Quinnipiac River	JP 4 Jet Fuel	2,380.95	N (b)	N (b)	N (b)
155	Matthew/Christina	9/26/83	1	Hudson River	Aviation Gasoline	5,714	N (a)	N (a, b)	N (a, b)
159	Texaco 807	2/17/87	1	East River, NY	No. 2 Fuel	7,190	N (b)	N (b)	N (b)
160	Morania 440	9/13/89	1	East River, NY	Gasoline	2,571	N (a, b)	N (a, b)	N (a, b)
166		10/26/90	1	Hudson River, NY	Kerosene	4,523.81	N (b)	N (b)	N (b)
USCG DISTRICT 1						TOTAL BURNABLE	0 of 8	0 of 8	0 of 8
168		6/26/73	5	Delaware River	No. 6 Fuel	2,142.86	N (b)	N (b)	N (b)
173	Athos	2/19/74	5	Delaware River	No. 6 Fuel	6,786	N (b)	N (b)	N (b)
177		9/14/75	5	Schuylkill River	No. 6 Fuel	1,428.57	N (b)	N (b)	N (b)
178		11/4/75	5	Delaware River	Clarified	1,738.10	N (a, b)	N (a, b)	N (a, b)
181		4/29/76	5	Delaware River	Naphtha	2,000	N (a)	N (a, b)	N (a, b)
182		5/12/76	5	Schuylkill River	No. 6 Fuel	2,619.05	N (b)	N (b)	N (b)
183		5/26/76	5	Hackensack River	No. 6 Fuel	3,571.43	N (b)	N (b)	N (b)
185		3/5/77	5	Hudson River	No. 1 Diesel	3,571.43	N (b)	N (b)	N (b)
186	ACT-586	6/26/77	5	York River	No. 6 Fuel	1,786	N (b)	N (b)	N (b)
188	Interstate 19	3/20/78	5	Delaware River	Kerosene/JP-5	15,000	Y	N (b)	N (b)
196		3/6/80	5	Coan River	No. 2 Fuel	7,761.90	N (b)	N (b)	N (b)
203	Peter Maersk	6/28/83	5	Cape Fear River	No. 6 Fuel	1,000	N (b)	N (b)	N (b)
205		11/21/84	5	Cape Fear River	No. 6 Fuel	17,000	N (b)	N (b)	N (b)
207	Texaco 803	5/9/85	5	Passaic River	No. 2 Diesel	1,048	N (b)	N (b)	N (b)
211	Presidente Rivera	6/24/89	5	Delaware River	No. 6 Fuel	7,310	N (b)	N (b)	N (b)
216	Interstate #48	9/18/91	5	Delaware River	Vacuum Gas Oil	1,000	N (a, b)	N (a, b)	N (a, b)
USCG DISTRICT 5						TOTAL BURNABLE	1 of 16	0 of 16	0 of 16
226		6/16/79	7	Wilmington River	Transformer	8,928.57	N (b)	N (b)	N (b)
228		11/25/82	7	Savannah River	Transformer	8,571.43	N (a, b)	N (a, b)	N (a, b)
232	Amazon Venture	12/4/86	7	Savannah River	No. 6 Fuel	11,905.76	N (b)	N (b)	N (b)
USCG DISTRICT 7						TOTAL BURNABLE	0 of 3	0 of 3	0 of 3

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

Table 3.15 Refined Riverine Oil Spills of 1,000 Barrels or More in the U.S. from 1973 through 1994: Examined Using In-situ Burning Criteria (continued)

Tracking Number	Name of Spill	Date	USCG District	Water Body Impacted	Product Spilled	Amount Spilled (bbl)	Expanded Criteria	Base Criteria	Restricted Criteria
263		1/10/74	8	Mississippi River	Aviation Gasoline	2,857.14	N (a, b)	N (a, b)	N (a, b)
267	O N 541952	7/21/74	8	Port Arthur Canal	No. 6 Fuel	2,000	N (b)	N (b)	N (b)
272		1/14/76	8	Neches River	Rosin	1,100	N (a, b)	N (a, b)	N (a, b)
280	Texas ON 523761	11/26/77	8	Mississippi River	No. 2 and 4	2,000	N (b)	N (b)	N (b)
281		12/7/77	8	Mississippi River	Transformer	1,000	N (b)	N (b)	N (b)
286	Mary	3/30/78	8	Mississippi River	No. 6 Fuel	1,000	N (b)	N (b)	N (b)
289	Trade Nomad	1/11/79	8	Mississippi River	Carbon Black	1,810	N (a, b)	N (a, b)	N (a, b)
291	REB 1902	2/18/79	8	Atchafalaya River	Carbon Black	1,904	N (a, b)	N (a, b)	N (a, b)
293	Gulfoil	2/26/79	8	Port Arthur Canal	Auto. Gasoline	1,600	N (a, b)	N (a, b)	N (a, b)
296	M-608	4/18/79	8	Mississippi River	No. 2 Diesel	1,700	N (b)	N (b)	N (b)
298		12/12/79	8	Mississippi River	No. 2 Fuel	1,144.76	N (b)	N (b)	N (b)
301	STCO 227	4/29/80	8	Houston Ship Channel	Cutter Feedstock	4,000	N (a, b)	N (a, b)	N (a, b)
305	TT-7002	12/24/80	8	Neches River	Cracked Gasoline	3,300	N (a, b)	N (a, b)	N (a, b)
307	Apex Houston	3/19/81	8	Mississippi River	No. 6 Fuel	25,042	N (b)	N (b)	N (b)
309		6/23/82	8	Mississippi River	Kerosene	2,400	N (b)	N (b)	N (b)
310	B 450-3	7/23/82	8	Calcasieu River	Auto. Gasoline	5,000	N (a, b)	N (a, b)	N (a, b)
311	Scottish Lion	7/30/82	8	Mississippi River	No. 6 Fuel	1,276	N (b)	N (b)	N (b)
315		8/22/83	8	Calcasieu River	Absorption	15,000	N (a, b)	N (a, b)	N (a, b)
316	218 Barge	12/25/83	8	Mississippi River	Diesel	2,500	N (b)	N (b)	N (b)
320		2/15/85	8	Neches River	Range	30,000	N (b)	N (b)	N (b)
321		5/10/85	8	Port Arthur Canal	Resin	1,087	N (a, b)	N (a, b)	N (a, b)
324	RF-1001	8/17/85	8	Mississippi River	No. 6 Fuel	9,000	N (b)	N (b)	N (b)
325		9/7/85	8	Port Arthur Canal	Aviation Gasoline	3,600	N (a, b)	N (a, b)	N (a, b)
327	Stolt Sea	1/10/88	8	Mississippi River	No. 6 Fuel	1,000	N (b)	N (b)	N (b)
329	ESSO Puerto Rico	9/3/88	8	Mississippi River	Carbon Black	23,000	N (a, b)	N (a, b)	N (a, b)
332	Chotin 2881 and 2183X	1/25/90	8	Mississippi River	Gasoline; Diesel	2,185	N (b)	N (b)	N (b)
333	MGM 2001	4/22/90	8	Colorado River	Diesel	1,286	N (b)	N (b)	N (b)
337	IB-2629	4/9/93	8	Mississippi River	No. 6 Fuel	5,500	N (b)	N (b)	N (b)
USCG DISTRICT 8						TOTAL BURNABLE	0 of 28	0 of 28	0 of 28
256	Mobiloil US-31, 760	3/19/84	13	Columbia River	No. 6 Fuel	3,925	N (b)	N (b)	N (b)
USCG DISTRICT 13						TOTAL BURNABLE	0 of 1	0 of 1	0 of 1

* = monthly avg. of weather
** = no weather provided

a = oil type
b = distance from sensitive receptor
c = sea state

4.0 Conclusions

4.1 Dispersant Use

Figure 4.1 depicts the overall geographic distribution of those crude and refined oils that were dispersable under any of the criteria. For large oil spills of 1,000 bbls or more, there is an average of 1 to 2 crude and 1 refined oil spills per year nationwide where dispersants might be considered for use. Using the base criteria, 25% of large crude and 7% of large refined oil spills that have occurred in the past 20 years were realistic candidates for dispersant use. However, these numbers only take into consideration spills of 1,000 bbls or more and do not include analysis of the 114 "unknown" spills. The fact that 114 (36%) of the spills over 1,000 bbls had insufficient data is assumed to not result in any bias in the analysis because these spills are randomly located throughout the coastal U.S.

The majority of the large crude and refined oil spills occurred in the Gulf of Mexico (39%). However, only 15% of these spills were dispersable under the base criteria, while 22% were dispersable offshore of Washington and Oregon, and 50% dispersable offshore of Hawaii.

Only 7% of the refined product spills are dispersable (according to the base criteria). A dispersant that is effective on refined products, especially No. 6 fuel oil, which was involved in 39% of the refined spills, would be valuable. If No. 6 fuel oil was considered dispersable, an additional 17 refined oil spills would have met all the other elements (water depth, distance from shoreline and sea state) to be considered dispersable, at least under the expanded criteria.

The majority of the crude and refined oil spills occurred in very shallow waters and/or very close to the shoreline. When the water depth and distance from shoreline criteria was decreased from 65 feet and 3 nautical miles to 30 feet and 0.5 nautical miles, the number of oil spills (both crude and refined) where dispersants could have been considered nearly doubled (from 7 to 17 spills for crude oil and from 6 to 10 spills for refined oils). Based on the expanded criteria, almost 29% of the spills (both crude and refined) are realistic candidates for dispersants, however, this percentage would increase if their use in shallower water (<10 feet) is considered.

4.2 In-situ Burning Use

Figure 4.2 depicts the overall geographic distribution of those crude and refined oils that were burnable under any of the criteria. For large spills of 1,000 bbls or more, there is an average of 2 crude and 2 refined oil spills per year nationwide where in-situ burning might be considered for use. Using the base criteria, 45% of large crude and 25% of large refined oil spills that have occurred in the last 20 years were realistic candidates for burning.

The majority of the large crude and refined oil spills occurred in the Gulf of Mexico (39%). However, 40% of these spills were burnable under the base criteria, 44% were burnable offshore of Washington and Oregon, 57% were burnable offshore of California, and 67% were burnable offshore of Hawaii.

The majority of the crude and refined oil spills occurred close to a sensitive receptor. When the distance from the receptor was decreased from 3 miles to 0.25 miles, the number of oil spills (both crude and refined) where burning could have been considered nearly doubled (from 24 to 40 spills for crude oil and from 30 to 52 spills for refined oils).

4.3 Riverine Spills

Of the 80 riverine spills analyzed in this review, only a small number (5) were dispersable or burnable and in almost all the cases, this was only under the expanded criteria. In the majority of cases, the base and restricted criteria were not met because the spill occurred close to shore and/or in shallow waters. Based on this limited analysis of large historical riverine oil spills and on the criteria established for this review, it appears that dispersants and burning are not viable countermeasures for use in riverine systems. However, information on only a small number of riverine spills was collected and for a complete analysis, it would be necessary to review all riverine spills in the U.S. In addition, the criteria developed for this study may not have been the appropriate criteria for considering riverine spills.

4.4 General Discussion

The 114 "unknown" incidents were not considered in the analysis and so if anything, the numbers presented here are underestimates. In addition, the analysis may be conservative in terms of dispersability of refined products. This was evident with the *Pac Baroness* and *Puerto Rican* spills, both of which involved "non-dispersable" oils using the API criteria. However, responses to both incidents used dispersants, with various estimates of success.

More complete data is needed for the smaller spills (those less than 1,000 bbls). It is with these smaller spills that dispersants and in-situ burning could have their greatest utility. According to the USCG database (see Table 4.1), spills under 1,000 bbls represent the majority of the total number of spills in the U.S. As mentioned in Section 2.0, when this project began, the intent was to gather information on spills of 500 bbls or more in size. However, after preliminary analysis of the data, it became clear that significant information was missing. These data gaps were more pronounced for the smaller (less than 1,000 bbls) spills, so the scope of the project was limited to larger ($\geq$1,000 bbls) incidents. Assuming that dispersants and in-situ burning could be used with the same relative frequency in smaller size spills as for the larger spills, then the opportunity for the use of these technologies is significantly increased. This type of analysis on the smaller spills cannot be conducted with the data as it presently stands. Reporting and archiving of vital spill information, especially oil type and latitude and longitude, needs to be improved.

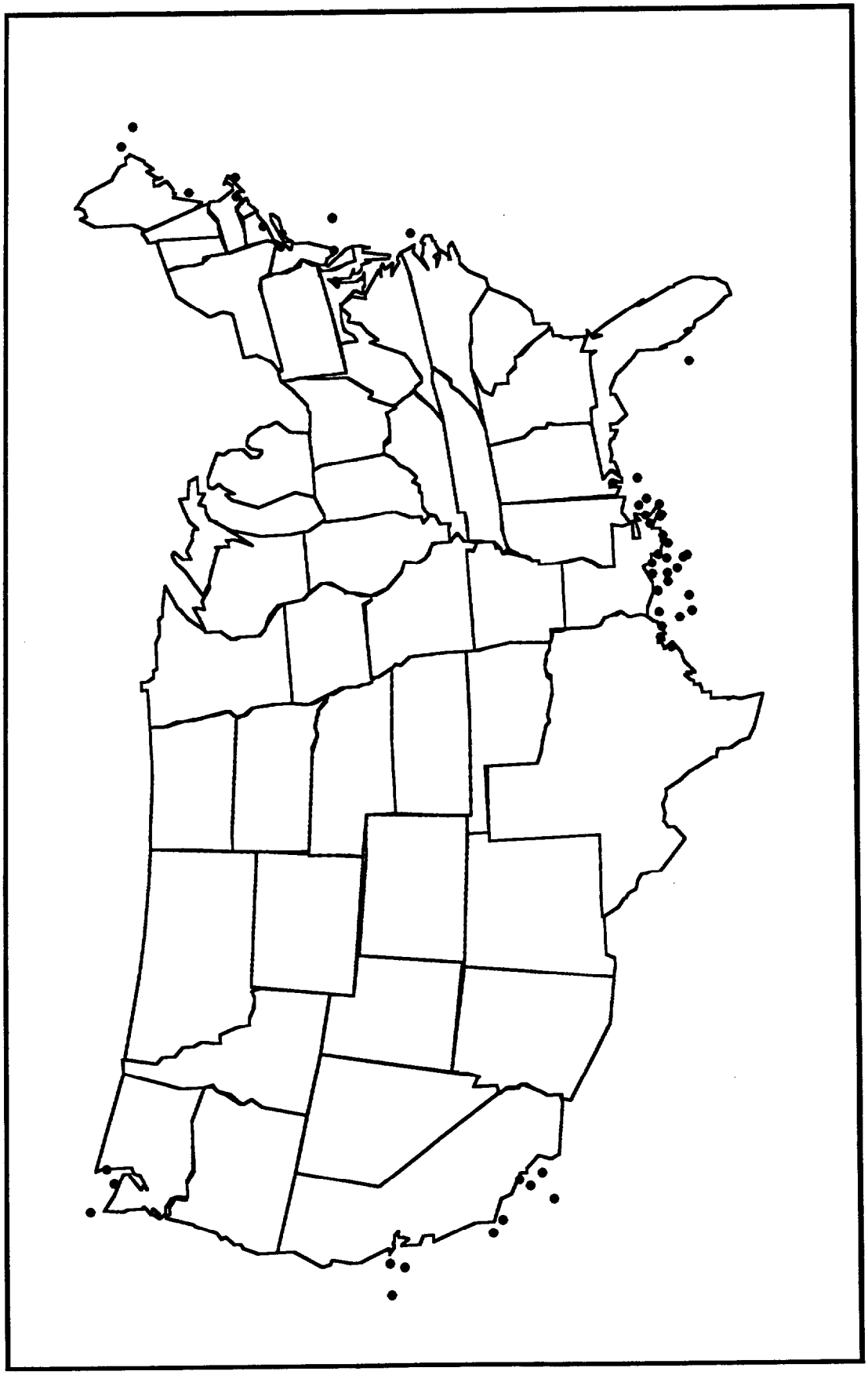


Figure 4.1. *Crude and refined oil spills in the coastal and offshore areas of the United States of 1,000 barrels or more from 1973 through 1994 where dispersants could have been considered for use. Hawaii, Puerto Rico and the United States Virgin Islands are not shown. Spill locations are approximate.*

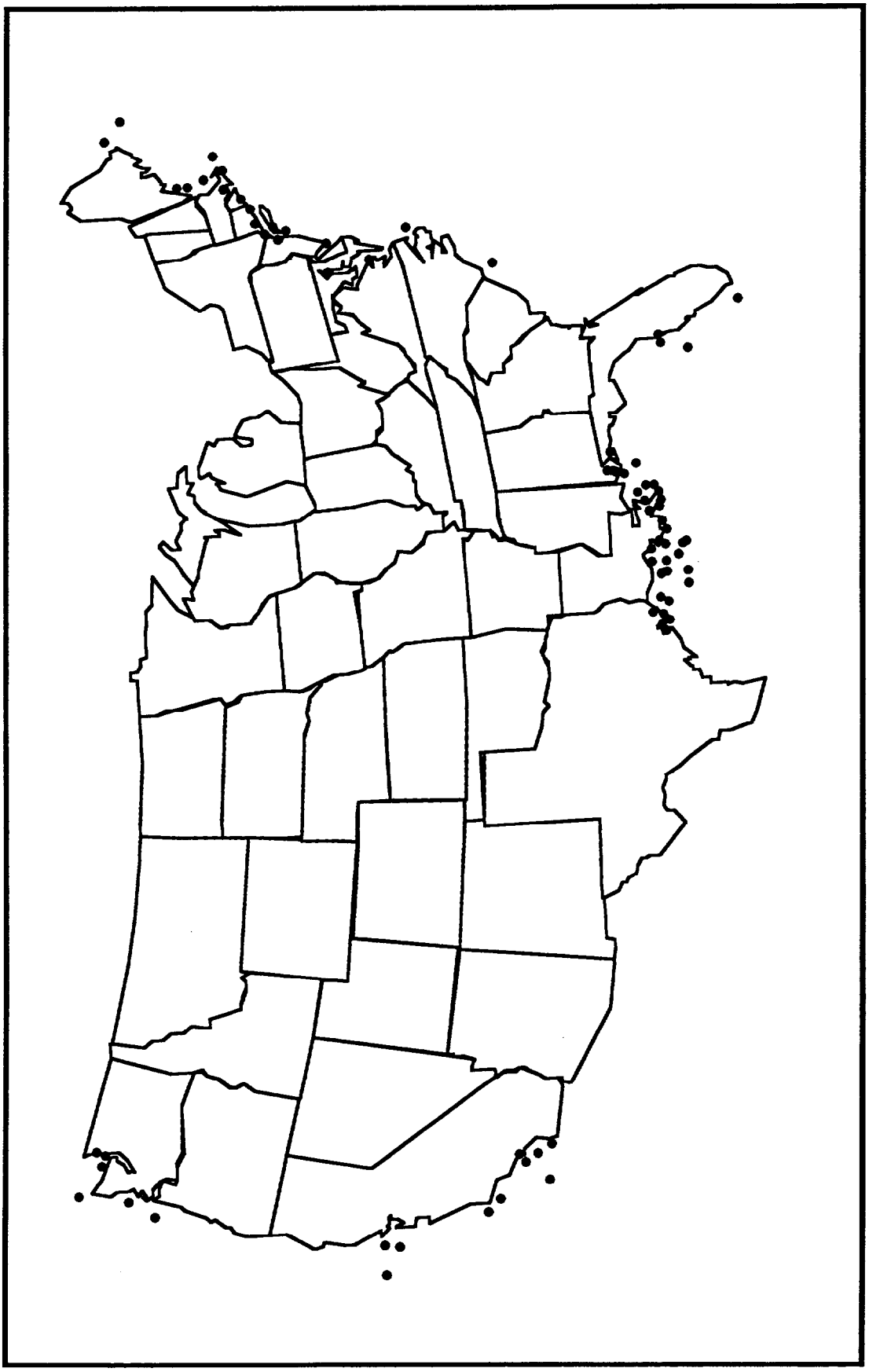


Figure 4.2. *Crude and refined oil spills in the coastal and offshore areas of the United States of 1,000 barrels or more from 1973 through 1994 where in-situ burning could have been considered for use. Hawaii, Puerto Rico and the United States Virgin Islands are not shown. Spill locations are approximate.*

Table 4.1 Number of Oil Spills in U.S. Waters from 1973 through 1991 as Reported in the USCG PIRS and MSIS System (Brulle 1994)

Spill Size (in bbls)	Number of Incidents
less than 50	177,274
50 to 99	1,871
100 to 249	1,970
250 to 499	553
500 to 999	363
1,000 to 9,999	507
greater than or equal to 10,000	71

5.0 References

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Appendix A

Oil Spill Incident Records

Records of oil spill incidents included in this study are organized sequentially by the internal tracking number. All spills were given internal tracking numbers as they were identified, however spills later found to have occurred on land were excluded from this study. Therefore, there are gaps in the internal tracking numbers. The tracking number for a particular spill can be located in Tables 3.4, 3.6, 3.12, or 3.13. As much information was obtained for each oil spill incident as possible. Blanks in the records indicate the information was not available from the references and databases examined.

Records for the 114 "unknown" spills (UK) are also included at the end of the appendix. Because these do not have tracking numbers, they are organized in chronological order. Once an oil spill incident was categorized as an "unknown", information such as water depth or distance from shoreline was not obtained.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 001

Date of Spill 12/26/73

Name/Type of Vessel William Larimer Mellon

Time of Spill 1200

Responsible Party

Case No. 1 MP73902827

Source/Cause

Case No. 2

LOCATION

Location Description Delaware River, PA

Latitude 39° 49' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 23' W

Water Body Impacted Delaware River

Water Depth (ft) 4

Distance Offshore (nm) 0.20

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 42

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 3,000

Volume of Spilled Oil(s) Recovered (bbl) 2,857.14

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 002

Date of Spill 1/31/75

Name/Type of Vessel Corinthos

Time of Spill 0030

Responsible Party

Case No. 1 MP75900894

Source/Cause Collision

Case No. 2

LOCATION

Location Description Delaware River, Marcus Hook, Pennsylvania

Latitude 39° 49' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 25' W

Water Body Impacted Delaware River

Water Depth (ft) 32

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 21

OIL(S) SPILLED

Type of Oil(s) Spilled Algerian crude

Volume of Oil(s) Spilled in Water (bbl) 266,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 003

Date of Spill 12/28/76

Name/Type of Vessel Olympic Games

Time of Spill 1600

Responsible Party

Case No. 1 MP76900860

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 39° 48' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 25' W

Water Body Impacted Delaware River

Water Depth (ft) 38

Distance Offshore (nm) 0.39

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 3,190.48

Volume of Spilled Oil(s) Recovered (bbl) 952

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 004

Date of Spill 6/25/79

Name/Type of Vessel Fishing vessel

Time of Spill 2400

Responsible Party

Case No. 1 MP79902283

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 39° 48' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 25' W

Water Body Impacted Delaware River

Water Depth (ft) 38

Distance Offshore (nm) 0.39

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 4,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 005

Date of Spill 9/1/79

Name/Type of Vessel Interstate 50

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Delaware River near Philadelphia, PA

Latitude 39° 48' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 25' W

Water Body Impacted Delaware River

Water Depth (ft) 38

Distance Offshore (nm) 0.39

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 4,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 006

Date of Spill 9/28/85 **Name/Type of Vessel** Grand Eagle

Time of Spill 2330 **Responsible Party**

Case No. 1 MP85002380 **Source/Cause** Grounding of tanker

Case No. 2

LOCATION

Location Description Delaware River near Marcus Hook, PA

Latitude 39° 50' N **U.S. State** Pennsylvania **USCG District** 5

Longitude 75° 25' W **Water Body Impacted** Delaware River

Water Depth (ft) 24 **Distance Offshore (nm)** nearshore **Distance from Receptor (nm)** <0.25

WEATHER CONDITIONS

Weather Description Clear with broken cloud coverage

Wind Speed (kt) 17-21 **Wind Direction** W-NW **Air Temp. (°F)** 56

OIL(S) SPILLED

Type of Oil(s) Spilled Ninian Crude **Volume of Oil(s) Spilled in Water (bbl)** 10,357 **Volume of Spilled Oil(s) Recovered (bbl)** 8,060

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use**

In-Situ Burning (Y/N) N **Description of Burning Use**

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 007

Date of Spill 3/21/86

Name/Type of Vessel Intermarry Alliance

Time of Spill 0945

Responsible Party

Case No. 1 MP86002114

Source/Cause Collision

Case No. 2

LOCATION

Location Description Delaware River, Marcus Hook, PA

Latitude 39° 50' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 25' W

Water Body Impacted Delaware River

Water Depth (ft) 24

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 17

OIL(S) SPILLED

Type of Oil(s) Spilled Nigerian/Ninian crude

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L/3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 008

Date of Spill 9/10/86

Name/Type of Vessel Viking Osprey

Time of Spill

Responsible Party

Case No. 1 MP87001901

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Delaware River, Marcus Hook, PA

Latitude 39° 49' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 14' W

Water Body Impacted Delaware River

Water Depth (ft) 24

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Isthmus Light crude

Volume of Oil(s) Spilled in Water (bbl) 6,300

Volume of Spilled Oil(s) Recovered (bbl) 5,167

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 009

Date of Spill 6/6/77

Name/Type of Vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP77903193

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 43° 42' N

U.S. State Maine

USCG District 1

Longitude 70° 12' W

Water Body Impacted Casco Bay

Water Depth (ft) 27

Distance Offshore (nm) 059

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N-NE

Air Temp. (°F) 59

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1. Diesel

Volume of Oil(s) Spilled in Water (bbl) 3,047.62

Volume of Spilled Oil(s) Recovered (bbl) 2,857.14

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 010

Date of Spill 11/21/80

Name/Type of Vessel Christian F. Reinauer

Time of Spill 020

Responsible Party

Case No. 1 MP80901132

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Off of Metinic Island, Maine

Latitude 44° 00' N

U.S. State Maine

USCG District 1

Longitude 69° 10' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 4

Distance Offshore (nm) 0.07

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 26

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel Gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,381

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 011

Date of Spill 4/9/73

Name/Type of Vessel Pennant

Time of Spill 0800

Responsible Party

Case No. 1 MP73900112

Source/Cause

Case No. 2

LOCATION

Location Description Narragansett Bay, RI

Latitude 41° 40' N

U.S. State Rhode Island

USCG District 1

Longitude 71° 19' W

Water Body Impacted Narragansett Bay

Water Depth (ft) 24

Distance Offshore (nm) 0.53

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 6,597

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 012

Date of Spill 3/16/78

Name/Type of Vessel Ocean 250

Time of Spill 0100

Responsible Party

Case No. 1 MP78902801

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Block Island Sound, RI

Latitude 41° 17' N

U.S. State Rhode Island

USCG District 1

Longitude 71° 51' W

Water Body Impacted Block Island Sound

Water Depth (ft) 120

Distance Offshore (nm) 1.26

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation Gasoline

Volume of Oil(s) Spilled in Water (bbl) 16,249

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 013

Date of Spill 6/23/89 **Name/Type of Vessel** World Prodigy

Time of Spill 1640 **Responsible Party**

Case No. 1 MP89004983 **Source/Cause** Grounding

Case No. 2

LOCATION

Location Description Brenton Reef near the entrance to Narragansett Bay, 4 miles south of Newport RI

Latitude 41° 26' N **U.S. State** Rhode Island **USCG District** 1

Longitude 71° 22' W **Water Body Impacted** Narragansett Bay

Water Depth (ft) 30 **Distance Offshore (nm)** 0.93 **Distance from Receptor (nm)** >0.25; <1

WEATHER CONDITIONS

Weather Description Partly cloudy skies, calm seas, visibility 6-8 miles

Wind Speed (kt) 5-10 **Wind Direction** NW **Air Temp. (°F)**

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 heating oil **Volume of Oil(s) Spilled in Water (bbl)** 6,873 **Volume of Spilled Oil(s) Recovered (bbl)** 2,142.86

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use** Not used because of the sensitivity of many spawning species

In-Situ Burning (Y/N) N **Description of Burning Use**

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 014

Date of Spill 6/30/76

Name/Type of Vessel J.R. Grey

Time of Spill 1600

Responsible Party

Case No. 1 MP76900829

Source/Cause

Case No. 2

LOCATION

Location Description Bay of Fundy in Nova Scotia and Maine

Latitude 45° 18' N

U.S. State Maine

USCG District 1

Longitude 65° 59' W

Water Body Impacted Bay of Fundy

Water Depth (ft) deep

Distance Offshore (nm) 34

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 015

Date of Spill 1/20/75

Name/Type of Vessel Athenian Star

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Mid-Atlantic ocean off of New Hampshire

Latitude 43° 00' N

U.S. State New Hampshire

USCG District 1

Longitude 59° 30' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction W-SW

Air Temp. (°F) 41

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 17,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 016

Date of Spill 6/18/79

Name/Type of Vessel Regal Sword

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Chatham, MA

Latitude 41° 40' N

U.S. State Massachusetts

USCG District 1

Longitude 69° 57' W

Water Body Impacted Catham Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Fog

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,143

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 017

Date of Spill 12/21/73

Name/Type of Vessel Lalibella

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Cape Cod Bay

Latitude 41° 46' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 29' W

Water Body Impacted Cape Cod Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.25

Distance from Receptor (nm) ≥0.25; <1

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 52

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 5,864

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 018

Date of Spill 4/24/73

Name/Type of Vessel Tanker

Time of Spill

Responsible Party

Case No. 1 MP73900112

Source/Cause

Case No. 2

LOCATION

Location Description Boston Harbor, MA

Latitude 42° 22' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 02' W

Water Body Impacted Boston Harbor

Water Depth (ft) 25

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 52

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,024

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 019

Date of Spill 11/30/73

Name/Type of Vessel

Time of Spill 2400

Responsible Party

Case No. 1 MP73900343

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 42° 23' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 01' W

Water Body Impacted Boston Harbor

Water Depth (ft) 30

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N-NW

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 4,047.62

Volume of Spilled Oil(s) Recovered (bbl) 4,047.62

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 020

Date of Spill 1/15/78

Name/Type of Vessel Industrial vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP78903627

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 42° 23' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 00' W

Water Body Impacted Boston Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 34

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,353.57

Volume of Spilled Oil(s) Recovered (bbl) 1,352.38

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 021

Date of Spill 1/28/82

Name/Type of Vessel Barge

Time of Spill 1400

Responsible Party

Case No. 1 MP82900408

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 42° 23' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 03' W

Water Body Impacted Boston Harbor

Water Depth (ft) shallow

Distance Offshore (nm) 0.17

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S-SW

Air Temp. (°F) 15

OIL(S) SPILLED

Type of Oil(s) Spilled No. 5 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 022

Date of Spill 1/10/73

Name/Type of Vessel Crystal Kobus

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Off of Cape Ann, MA

Latitude 42° 37' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 41' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 5

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 6

OIL(S) SPILLED

Type of Oil(s) Spilled Indonesian crude

Volume of Oil(s) Spilled in Water (bbl) 1,297

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 023

Date of Spill 1/16/73

Name/Type of Vessel Helena Venizelos

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 42° 31' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 53' W

Water Body Impacted Salem Sound

Water Depth (ft) 30

Distance Offshore (nm) 0.148

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,310

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 024

Date of Spill 1/16/73

Name/Type of Vessel Atholl McBean

Time of Spill 2300

Responsible Party

Case No. 1 MP73900010

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 42° 31' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 53' W

Water Body Impacted Salem Sound

Water Depth (ft) 30

Distance Offshore (nm) 0.148

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction W

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,169

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 025

Date of Spill 2/7/78

Name/Type of Vessel Global Hope

Time of Spill

Responsible Party

Case No. 1

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Salem Sound, MA

Latitude 42° 31' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 53' W

Water Body Impacted Salem Sound

Water Depth (ft) 20

Distance Offshore (nm) 0.15

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 31

OIL(S) SPILLED

Type of Oil(s) Spilled Lube and Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 3,665 or 952

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 026

Date of Spill 1/28/77

Name/Type of Vessel Bouchard #65

Time of Spill 1800

Responsible Party

Case No. 1 MP77902394

Source/Cause Grounding of barge

Case No. 2

LOCATION

Location Description Cleveland Ledge East in Buzzards Bay, MA. Oil concentrations at spill site, in the ice between Cleveland Ledge and Wings Neck . and at Wings Neck

Latitude 41° 37' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 41' W

Water Body Impacted Buzzards Bay

Water Depth (ft) 35

Distance Offshore (nm) 1

Distance from Receptor (nm) ≥1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 15

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 fuel oil

Volume of Oil(s) Spilled in Water (bbl) 1,932

Volume of Spilled Oil(s) Recovered (bbl) 546

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) Y

Description of Burning Use Tolinex used as a wicking agent; 48 bbl burned at site of initial grounding

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 027

Date of Spill 9/17/86

Name/Type of Vessel ST-85

Time of Spill 1440

Responsible Party

Case No. 1 MP86007329

Source/Cause Collision

Case No. 2

LOCATION

Location Description Buzzards Bay, West Falmouth, MA

Latitude 41° 37' N

U.S. State Massachusetts

USCG District 1

Longitude 70° 42' W

Water Body Impacted Buzzards Bay

Water Depth (ft) 27

Distance Offshore (nm) 2.5

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 48

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,851

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 028

Date of Spill 1/19/74

Name/Type of Vessel Barge

Time of Spill 0600

Responsible Party

Case No. 1 MP74901662

Source/Cause

Case No. 2

LOCATION

Location Description Near Yonkers, NY

Latitude 40° 47' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted Long Island Sound

Water Depth (ft) 10

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light snow

Wind Speed (kt) 10

Wind Direction W-SW

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled Basrah crude
No. 6 fuel oil

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl) 1,429

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 029

Date of Spill 6/2/73

Name/Type of Vessel Esso Brussels

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description New York Harbor

Latitude 40° 40' N

U.S. State New York

USCG District 1

Longitude 73° 50' W

Water Body Impacted New York Harbor

Water Depth (ft) 52

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N-NW

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled Nigerian crude

Volume of Oil(s) Spilled in Water (bbl) 36,650

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 030

Date of Spill 2/11/86

Name/Type of Vessel Lindsey Frank

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Staten Island, Kill Van Kull River, NY

Latitude 40° 35' N

U.S. State New York

USCG District 1

Longitude 74° 01' W

Water Body Impacted Gravesend Bay

Water Depth (ft) 24

Distance Offshore (nm) 0.45

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N

Air Temp. (°F) 24

OIL(S) SPILLED

Type of Oil(s) Spilled Coconut Oil

Volume of Oil(s) Spilled in Water (bbl) 1,786

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 031

Date of Spill 12/26/88

Name/Type of Vessel Commercial vessel

Time of Spill 0730

Responsible Party

Case No. 1 MP88008563

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 34' N

U.S. State New York

USCG District 1

Longitude 74° 08' W

Water Body Impacted New York Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction W-NW

Air Temp. (°F) 33

OIL(S) SPILLED

Type of Oil(s) Spilled Ekofisk Crude

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 032

Date of Spill 10/29/76

Name/Type of Vessel Richard C. Sauer

Time of Spill 0200

Responsible Party

Case No. 1 MP76901427

Source/Cause

Case No. 2

LOCATION

Location Description Near Perth Amboy, NJ

Latitude 40° 32' N

U.S. State New Jersey

USCG District 5

Longitude 74° 15' W

Water Body Impacted Sandy Hook Bay

Water Depth (ft) 35

Distance Offshore (nm) 0.06

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W-SW

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled Light Arabian crude

Volume of Oil(s) Spilled in Water (bbl) 6,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 033

Date of Spill 1/22/75

Name/Type of Vessel Michael C. Lemos

Time of Spill 0900

Responsible Party

Case No. 1 MP75900580

Source/Cause

Case No. 2

LOCATION

Location Description Off of St. Croix, US Virgin Islands

Latitude 17° 42' N

U.S. State US Virgin Islands

USCG District 7

Longitude 64° 45' W

Water Body Impacted Caribbean Sea

Water Depth (ft) 14

Distance Offshore (nm) 0.51

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 8

Wind Direction E-NE

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Iranian crude

Volume of Oil(s) Spilled in Water (bbl) 8,952

Volume of Spilled Oil(s) Recovered (bbl) 19

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 034

Date of Spill 8/21/78

Name/Type of Vessel Theopaes

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description 290 km southwest of San Juan, Puerto Rico

Latitude 16° 48' N

U.S. State Puerto Rico

USCG District 7

Longitude 69° 00' W

Water Body Impacted Caribbean Sea

Water Depth (ft) deep

Distance Offshore (nm) 157

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 9

Wind Direction

Air Temp. (°F) 83

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,297

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 035

Date of Spill 3/18/73

Name/Type of Vessel Zoe Colocotroni

Time of Spill 0255

Responsible Party

Case No. 1 MP73904599

Source/Cause Grounding of tanker

Case No. 2

LOCATION

Location Description Ran aground on Marguerita reef in coastal waters of southern Puerto Rico near La Parguera. Shoreline impacts included areas around Bahia Sucia

Latitude 18° 00' N

U.S. State Puerto Rico

USCG District 7

Longitude 67° 15' W

Water Body Impacted Bahia Sucia

Water Depth (ft) 42

Distance Offshore (nm) 2.66

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description Seas were 1-1.5 feet

Wind Speed (kt) 18-19

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Venezuelan crude

Volume of Oil(s) Spilled in Water (bbl) 37,579

Volume of Spilled Oil(s) Recovered (bbl) 19,048

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill sites for Long-term Recovery Studies.

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 037

Date of Spill 1/25/77

Name/Type of Vessel Industrial vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP77911896

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 49' N

U.S. State Florida

USCG District 8

Longitude 85° 19' W

Water Body Impacted St. Andrews Bay

Water Depth (ft) 3

Distance Offshore (nm) 0.25

Distance from Receptor (nm) ≥0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,119.05

Volume of Spilled Oil(s) Recovered (bbl) 1,097

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 038

Date of Spill 1/11/79

Name/Type of Vessel

Time of Spill 1300

Responsible Party

Case No. 1 MP79910989

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 25' N

U.S. State Florida

USCG District 8

Longitude 87° 15' W

Water Body Impacted Pensacola Bay

Water Depth (ft) 4

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction S

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 039

Date of Spill 3/1/79

Name/Type of Vessel Zamora

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Mobile Harbor, AL

Latitude 30° 12' N

U.S. State Alabama

USCG District 8

Longitude 88° 00' W

Water Body Impacted Mobile Harbor

Water Depth (ft) 3

Distance Offshore (nm) 1

Distance from Receptor (nm) ≥1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 57

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,881

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 040

Date of Spill 2/6/78

Name/Type of Vessel Chotin 2546

Time of Spill 0300

Responsible Party

Case No. 1 MP78902090

Source/Cause

Case No. 2

LOCATION

Location Description Mobil Bay, AL

Latitude 30° 37' N

U.S. State Alabama

USCG District 8

Longitude 88°02' W

Water Body Impacted Mobil Bay

Water Depth (ft) 3

Distance Offshore (nm) 1

Distance from Receptor (nm) ≥1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N

Air Temp. (°F) 27

OIL(S) SPILLED

Type of Oil(s) Spilled Indian crude

Volume of Oil(s) Spilled in Water (bbl) 1,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 041

Date of Spill 10/27/81

Name/Type of Vessel

Time of Spill 0300

Responsible Party

Case No. 1 MP81909021

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 42' N

U.S. State Alabama

USCG District 8

Longitude 88° 02' W

Water Body Impacted Mobil Bay

Water Depth (ft) 27

Distance Offshore (nm) 0.09

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N-NW

Air Temp. (°F) 54

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,785.71

Volume of Spilled Oil(s) Recovered (bbl) 1,274.29

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 043

Date of Spill 2/24/76

Name/Type of Vessel SJT-4 (barge)

Time of Spill 1500

Responsible Party

Case No. 1 MP76901522

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River mile 88.8, near Chalmette, LA

Latitude 29° 57' N

U.S. State Louisiana

USCG District 8

Longitude 89° 57' W

Water Body Impacted Mississippi River

Water Depth (ft) 51

Distance Offshore (nm) 0.15

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 34

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 3,804

Volume of Spilled Oil(s) Recovered (bbl) 67

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 044

Date of Spill 7/22/77

Name/Type of Vessel Dauntless Colocotronis

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 30' N

U.S. State Louisiana

USCG District 8

Longitude 89° 30' W

Water Body Impacted Breton Sound

Water Depth (ft) 2

Distance Offshore (nm) 1.38

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Arabian Light crude

Volume of Oil(s) Spilled in Water (bbl) 15,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 045

Date of Spill 1/29/75

Name/Type of Vessel TS-85 (86?)

Time of Spill 1800

Responsible Party

Case No. 1 MP75901680

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 30' N

U.S. State Louisiana

USCG District 8

Longitude 89° 30' W

Water Body Impacted Breton Sound

Water Depth (ft) 2

Distance Offshore (nm) 1.38

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 046

Date of Spill 2/14/76

Name/Type of Vessel Industrial vessel

Time of Spill 2200

Responsible Party

Case No. 1 MP76907864

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 25' N

U.S. State Louisiana

USCG District 8

Longitude 89° 32' W

Water Body Impacted Breton Sound

Water Depth (ft) <6

Distance Offshore (nm) 0.05

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 57

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,333.33

Volume of Spilled Oil(s) Recovered (bbl) 1,527.5

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 047

Date of Spill 8/5/79

Name/Type of Vessel Passenger

Time of Spill 1900

Responsible Party

Case No. 1 MP79909498

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 18' N

U.S. State Louisiana

USCG District 8

Longitude 89° 05' W

Water Body Impacted Breton Sound

Water Depth (ft) 27

Distance Offshore (nm) 2.45

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 048

Date of Spill 11/22/80

Name/Type of Vessel Georgia

Time of Spill 0600

Responsible Party

Case No. 1 MP80908677

Source/Cause Holed by anchor chain

Case No. 2

LOCATION

Location Description Mississippi River near Pilottown, LA

Latitude 29° 10' N

U.S. State Louisiana

USCG District 8

Longitude 89° 15' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 35

Distance Offshore (nm) 0.3

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 32,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 049

Date of Spill 9/5/81

Name/Type of Vessel Aphrodite B

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Mississippi River near Harvey, LA

Latitude 29° 55' N

U.S. State Louisiana

USCG District 8

Longitude 90° 05' W

Water Body Impacted Mississippi River

Water Depth (ft) 47

Distance Offshore (nm) 0.05

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N-NE

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 8,571

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 050

Date of Spill 7/10/73

Name/Type of Vessel National Crest

Time of Spill

Responsible Party

Case No. 1 MP73907072

Source/Cause

Case No. 2

LOCATION

Location Description Mile 88 of Mississippi River

Latitude 29° 45' N

U.S. State Louisiana

USCG District 8

Longitude 90° 00'W

Water Body Impacted Mississippi River

Water Depth (ft) 121

Distance Offshore (nm) 0.20

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W-NW

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 5,131

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 051

Date of Spill 12/19/79

Name/Type of Vessel Pina

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Mississippi River near New Orleans, LA

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 03' W

Water Body Impacted Mississippi River

Water Depth (ft) 32

Distance Offshore (nm) 0.06

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 28

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 052

Date of Spill 6/22/74

Name/Type of Vessel O N 524331; ABC 2311 (barges)

Time of Spill 1500

Responsible Party

Case No. 1 MP74910323

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River mile 105, near New Orleans, LA

Latitude 30° 00' N

U.S. State LA

USCG District 8

Longitude 90° 03' W

Water Body Impacted Mississippi River

Water Depth (ft) 32

Distance Offshore (nm) 0.06

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude
Crude

Volume of Oil(s) Spilled in Water (bbl) 42,238

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 056

Date of Spill 9/19/81

Name/Type of Vessel

Time of Spill

Responsible Party: Shell Pipeline Corp.

Case No. 1

Source/Cause: Pipeline struck by barge

Case No. 2

LOCATION

Location Description: Terrebonne Parish, LA

Latitude: 29° 15' N

U.S. State: Louisiana

USCG District: 8

Longitude: 90° 45' W

Water Body Impacted: Bayou Colyell

Water Depth (ft): 2

Distance Offshore (nm): nearshore

Distance from Receptor (nm): <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt): 5

Wind Direction: E

Air Temp. (°F): 61

OIL(S) SPILLED

Type of Oil(s) Spilled: Crude

Volume of Oil(s) Spilled in Water (bbl): 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N): N

Description of Dispersant Use

In-Situ Burning (Y/N): N

Description of Burning Use

INFORMATION SOURCES

Minerals Manaegement Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 057

Date of Spill 9/23/92

Name/Type of Vessel

Time of Spill

Responsible Party: Greenhill Petroleum

Case No. 1

Source/Cause: Well blow out

Case No. 2

LOCATION

Location Description: Gulf of Mexico off Timbalier Bay, LA

Latitude: 29° 00' N

U.S. State: Louisiana

USCG District: 8

Longitude: 91° 00' W

Water Body Impacted: Gulf of Mexico

Water Depth (ft): 21

Distance Offshore (nm): 3.82

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt): 10

Wind Direction: N-NW

Air Temp. (°F): 73

OIL(S) SPILLED

Type of Oil(s) Spilled: Light crude

Volume of Oil(s) Spilled in Water (bbl): 11,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification: 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N): N

Description of Dispersant Use

In-Situ Burning (Y/N): N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 058

Date of Spill 1/4/80

Name/Type of Vessel Naval

Time of Spill 0900

Responsible Party

Case No. 1 MP80906839

Source/Cause

Case No. 2

LOCATION

Location Description Near Morgan city, LA.

Latitude 29° 41' N

U.S. State Louisiana

USCG District 8

Longitude 91° 13' W

Water Body Impacted Atchafalaya River

Water Depth (ft) 70

Distance Offshore (nm) 0.18

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction n

Air Temp. (°F) 43

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,888

Volume of Spilled Oil(s) Recovered (bbl) 15

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 059

Date of Spill 3/5/85

Name/Type of Vessel Hollywood 2006

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Mile 110 of the Atchafalaya River

Latitude 29° 41' N

U.S. State Louisiana

USCG District 8

Longitude 91° 13' W

Water Body Impacted Atchafalaya River

Water Depth (ft) 70

Distance Offshore (nm) 0.18

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N-NE

Air Temp. (°F) 56

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 060

Date of Spill 12/24/74

Name/Type of Vessel Barge

Time of Spill 1900

Responsible Party

Case No. 1 MP74910242

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River mile 88.3

Latitude 30° 15' N

U.S. State Louisiana

USCG District 8

Longitude 91° 15' W

Water Body Impacted Mississippi River

Water Depth (ft) 25

Distance Offshore (nm) 0.22

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 061

Date of Spill	3/20/91	Name/Type of Vessel	Stavanger Prince
Time of Spill		Responsible Party	Exxon
Case No. 1		Source/Cause	Collision
Case No. 2			

LOCATION

Location Description: Mississippi River near Baton Rogue, LA

Latitude	30° 28' N	U.S. State	Louisiana	USCG District	8
Longitude	91° 10' W	Water Body Impacted	Mississippi River		
Water Depth (ft)	29	Distance Offshore (nm)	0.14	Distance from Receptor (nm)	<0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)	5	Wind Direction	E-SE	Air Temp. (°F)	51

OIL(S) SPILLED

Type of Oil(s) Spilled	Arabian Heavy Crude	Volume of Oil(s) Spilled in Water (bbl)	3,100	Volume of Spilled Oil(s) Recovered (bbl)	
Yaeger & Assoc., 1985 classification	3L				

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)	N	Description of Dispersant Use	
In-Situ Burning (Y/N)	N	Description of Burning Use	

INFORMATION SOURCES

Minerals Management Service database.

Environmental Protection Agency Emergency Response Notification Sytstem database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 062

Date of Spill 9/26/76

Name/Type of Vessel STCO 225

Time of Spill 0100

Responsible Party

Case No. 1 MP76902628

Source/Cause

Case No. 2

LOCATION

Location Description Near Beaumont, TX

Latitude 29° 58' N

U.S. State Texas

USCG District 8

Longitude 93° 51' W

Water Body Impacted Neches River

Water Depth (ft) 13

Distance Offshore (nm) 0.10

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Thinning fog.

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 063

Date of Spill 7/26/79

Name/Type of Vessel

Time of Spill 1600

Responsible Party

Case No. 1 MP79911307

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description West Port Arthur.

Latitude 29° 51' N

U.S. State Texas

USCG District 8

Longitude 93° 58' W

Water Body Impacted intercoastal Waterway

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 064

Date of Spill 3/18/85

Name/Type of Vessel Naval

Time of Spill 1400

Responsible Party

Case No. 1 MP85906531

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 45' N

U.S. State Texas

USCG District 8

Longitude 94° 04 W

Water Body Impacted Intercoastal Waterway

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 49

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled In Water (bbl) 3,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 065

Date of Spill 6/23/73

Name/Type of Vessel Barge

Time of Spill

Responsible Party

Case No. 1 MP73906855

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 43' N

U.S. State Texas

USCG District 8

Longitude 93° 52' W

Water Body Impacted Sabine Pass

Water Depth (ft) 9

Distance Offshore (nm) 0.18

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,385.71

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 066

Date of Spill 11/8/93

Name/Type of Vessel

Time of Spill

Responsible Party: Scurlock Permian Corp.

Case No. 1

Source/Cause: Hole in storage tank

Case No. 2

LOCATION

Location Description: Sabine Pass, TX

Latitude 29° 30' N

U.S. State Texas

USCG District 8

Longitude 94° 00' W

Water Body Impacted: Gulf of Mexico (Sabine Bank)

Water Depth (ft) 38

Distance Offshore (nm) 10.07

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: Crude

Volume of Oil(s) Spilled in Water (bbl): 3,405

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N): N

Description of Dispersant Use

In-Situ Burning (Y/N): N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

Environmental Protection Agency Emergency Response Notification System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 067

Date of Spill 10/17/86

Name/Type of Vessel Jorgen J. Lorentzen

Time of Spill 0900

Responsible Party

Case No. 1 MP86008141

Source/Cause Waste disposal

Case No. 2

LOCATION

Location Description Gulf of Mexico, 50 miles south of Cameron, LA

Latitude 29° 05' N

U.S. State Louisiana

USCG District 8

Longitude 93° 20' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 72

Distance Offshore (nm) 43.7

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 51

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,190

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 068

Date of Spill 11/01/79 **Name/Type of Vessel** Burmah Agate

Time of Spill 0500 **Responsible Party**

Case No. 1 MP90003455 **Source/Cause** Collision of tanker and freighter

Case No. 2

LOCATION

Location Description Collision occurred 7 km southeast of Galveston Entrance. Shorelines impacted included San Jose Island (250 km southwest of spill site) and western half of Galveston Island

Latitude 29° 17.7 N **U.S. State** Texas **USCG District** 8

Longitude 94° 27.4 W **Water Body Impacted** Gulf of Mexico

Water Depth (ft) 49 **Distance Offshore (nm)** 14.65 **Distance from Receptor (nm)** >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5 **Wind Direction** N-NE **Air Temp. (°F)** 45

OIL(S) SPILLED

Type of Oil(s) Spilled Nigerian crude, Blended crude **Volume of Oil(s) Spilled in Water (bbl)** 254,761 **Volume of Spilled Oil(s) Recovered (bbl)** 150,235

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use**

In-Situ Burning (Y/N) Y **Description of Burning Use** Collision caused an explosion and burning

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

NOAA. 1992. Oil Spill Case Histories: 19647-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 069

Date of Spill 11/17/80

Name/Type of Vessel

Time of Spill 0300

Responsible Party Texaco Inc.

Case No. 1 MP80909123

Source/Cause Gasket failure on offshore well

Case No. 2

LOCATION

Location Description Off of Galveston, TX

Latitude 29° 07' N

U.S. State Texas

USCG District 8

Longitude 94° 25' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 54

Distance Offshore (nm) 21.91

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled *Medium crude*

Volume of Oil(s) Spilled in Water (bbl) 1,452

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 070

Date of Spill 1/21/81

Name/Type of Vessel Olympic Glory

Time of Spill 0940

Responsible Party

Case No. 1 MP81900364

Source/Cause Collision

Case No. 2

LOCATION

Location Description 2 miles south of Morgan's Point, Houston Ship Channel, Texas

Latitude 29° 41' N

U.S. State Texas

USCG District 8

Longitude 95° 00' W

Water Body Impacted Houston Ship Channel

Water Depth (ft) 32

Distance Offshore (nm) 2

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled Galeota Crude

Volume of Oil(s) Spilled in Water (bbl) 20,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 071

Date of Spill 7/1/92

Name/Type of Vessel Shoko Maru

Time of Spill

Responsible Party Sanko Steamship Co.

Case No. 1

Source/Cause Oil leaked thru ballast system

Case No. 2

LOCATION

Location Description Texas City Harbor, TX

Latitude 29° 23' N

U.S. State Texas

USCG District 8

Longitude 94° 54' W

Water Body Impacted Texas City Harbor

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S-SE

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled Heavy Mayan crude

Volume of Oil(s) Spilled in Water (bbl) 2,310

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 072

Date of Spill 12/24/75

Name/Type of Vessel Amoco Yorktown

Time of Spill 1800

Responsible Party

Case No. 1 MP75900712

Source/Cause

Case No. 2

LOCATION

Location Description Near Texas City, TX

Latitude 29° 22' N

U.S. State Texas

USCG District 8

Longitude 94° 53' W

Water Body Impacted Galveston Bay

Water Depth (ft) 14

Distance Offshore (nm) 0.21

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction E-NE

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled Trinidad crude

Volume of Oil(s) Spilled in Water (bbl) 1,800

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3H

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 073

Date of Spill 3/9/73

Name/Type of Vessel Bayou Lafouche/Barge PC 2901

Time of Spill 1326

Responsible Party

Case No. 1 MP73905714

Source/Cause Collision of tank barges

Case No. 2

LOCATION

Location Description Upper Galveston Bay, Houston Ship Channel, TX

Latitude 29° 38' N

U.S. State Texas

USCG District 8

Longitude 94° 58'W

Water Body Impacted Houston Ship Channel

Water Depth (ft) 10

Distance Offshore (nm) 0.43

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Conditions were severe with extensive fog, high sea state and high winds

Wind Speed (kt) 30-35 w/gusts to 40

Wind Direction SE

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Louisiana crude
Bunker C

Volume of Oil(s) Spilled in Water (bbl) 10,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 074

Date of Spill 9/5/91

Name/Type of Vessel

Time of Spill

Responsible Party Amoco

Case No. 1

Source/Cause Cracked pipeline

Case No. 2

LOCATION

Location Description Intercoastal Waterway near High Island, TX

Latitude 29° 40' N

U.S. State Texas

USCG District 8

Longitude 94° 40' W

Water Body Impacted Intercoastal Waterway

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N-NE

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled High Island Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 075

Date of Spill 7/8/73

Name/Type of Vessel Naval vessel

Time of Spill 1700

Responsible Party

Case No. 1 MP73907311

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 42' N

U.S. State Texas

USCG District 8

Longitude 94° 37' W

Water Body Impacted Trinty Bay

Water Depth (ft) 6

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-SE

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 076

Date of Spill 1/28/79

Name/Type of Vessel Esso Bayway

Time of Spill 1500

Responsible Party

Case No. 1 MP79900927

Source/Cause Tanker - holing by own anchor

Case No. 2

LOCATION

Location Description In Neches River, just north of Port Neches, TX. Oil impacted 3 miles of the river, the adjacent bayous and an environmentally sensitive salt marsh

Latitude 30° 00' N

U.S. State Texas

USCG District 8

Longitude 93° 59' W

Water Body Impacted Neches River

Water Depth (ft) nearshore

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled Light Arabian crude

Volume of Oil(s) Spilled in Water (bbl) 6500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 078

Date of Spill 3/20/80

Name/Type of Vessel Naval

Time of Spill 2300

Responsible Party

Case No. 1 MP80909741

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 45' N

U.S. State Texas

USCG District 8

Longitude 95° 25' W

Water Body Impacted Galveston Bay

Water Depth (ft) 22

Distance Offshore (nm) 0.25

Distance from Receptor (nm) ≥0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 8,797

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 079

Date of Spill 9/9/73

Name/Type of Vessel Splendid Arrow

Time of Spill 0900

Responsible Party

Case No. 1 MP73907852

Source/Cause

Case No. 2

LOCATION

Location Description Galveston Bay near Baytown, TX

Latitude 29° 45' N

U.S. State Texas

USCG District 8

Longitude 95° 25' W

Water Body Impacted Galveston Bay

Water Depth (ft) 22

Distance Offshore (nm) 0.25

Distance from Receptor (nm) ≥0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N-NE

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Qatar crude

Volume of Oil(s) Spilled in Water (bbl) 3,666

Volume of Spilled Oil(s) Recovered (bbl) 2,000

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 080

Date of Spill 12/23/73

Name/Type of Vessel Tanker

Time of Spill 0500

Responsible Party

Case No. 1 MP73909365

Source/Cause

Case No. 2

LOCATION

Location Description Near Galveston, TX

Latitude 29° 44' N

U.S. State Texas

USCG District 8

Longitude 95° 08' W

Water Body Impacted Houston Ship Channel

Water Depth (ft) 34

Distance Offshore (nm) 0.19

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 081

Date of Spill 6/3/83

Name/Type of Vessel Caribbean courage

Time of Spill 1500

Responsible Party

Case No. 1 MP83900499

Source/Cause Ramming, tank rupture

Case No. 2

LOCATION

Location Description Mooring at Ingleside, TX

Latitude 27° 53' N

U.S. State Texas

USCG District 8

Longitude 97° 14' W

Water Body Impacted Corpus Christi Bay

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S-SE

Air Temp. (°F) 76

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 1,200

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 082

Date of Spill 12/22/82

Name/Type of Vessel Naval

Time of Spill 1500

Responsible Party

Case No. 1 MP82908806

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 27° 52' N

U.S. State Texas

USCG District 8

Longitude 97° 28' W

Water Body Impacted Nueces Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S-SE

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,534

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 083

Date of Spill 10/9/74

Name/Type of Vessel Dagny

Time of Spill 0600

Responsible Party

Case No. 1 MP74908466

Source/Cause

Case No. 2

LOCATION

Location Description Near Corpus Christi, TX

Latitude 27° 49' N

U.S. State Texas

USCG District 8

Longitude 97° 26' W

Water Body Impacted Corpus Christi Inner Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Patchy shallow fog

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 7,300

Volume of Spilled Oil(s) Recovered (bbl) 7300

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 084

Date of Spill 12/2/74

Name/Type of Vessel Naval

Time of Spill 0800

Responsible Party

Case No. 1 MP74909925

Source/Cause

Case No. 2

LOCATION

Location Description Near Corpus Christi, TX.

Latitude 27° 49' N

U.S. State Texas

USCG District 8

Longitude 97° 25' W

Water Body Impacted Corpus Christi Inner Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 44

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,218

Volume of Spilled Oil(s) Recovered (bbl) 1,218

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 085

Date of Spill 7/13/88

Name/Type of Vessel Nord Pacific

Time of Spill 1050

Responsible Party Utara Shipping

Case No. 1 MP88004534

Source/Cause Hull damage while docking

Case No. 2

LOCATION

Location Description Southwestern Port and Refinery Dock #3 on the south side of the inner harbor, Corpus Christi, TX

Latitude 27° 48.7' N

U.S. State Texas

USCG District 8

Longitude 97° 24.8' W

Water Body Impacted Corpus Christi Inner Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled North Sea crude

Volume of Oil(s) Spilled in Water (bbl) 15,350

Volume of Spilled Oil(s) Recovered (bbl) 11,333

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 19647-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 086

Date of Spill 8/15/75

Name/Type of Vessel Globtik Sun

Time of Spill 0100

Responsible Party

Case No. 1 MP75900671

Source/Cause

Case No. 2

LOCATION

Location Description 185 miles southwest of New Orleans, LA

Latitude 28° 25' N

U.S. State Louisiana

USCG District 8

Longitude 92° 55' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 168

Distance Offshore (nm) 71.76

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Arabian Crude

Volume of Oil(s) Spilled in Water (bbl) 7,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 087

Date of Spill 12/18/76

Name/Type of Vessel Industrial vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP76909950

Source/Cause

Case No. 2

LOCATION

Location Description Eugene Island 297 Platform

Latitude 28° 21' N

U.S. State Louisiana

USCG District 8

Longitude 91° 30' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 198

Distance Offshore (nm) 55.07

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 1,300

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 088

Date of Spill 7/30/84

Name/Type of Vessel Alvenus M/V

Time of Spill 1236

Responsible Party

Case No. 1

Source/Cause Grounding of tank vessel

Case No. 2

LOCATION

Location Description Calcasieu River Bar Channel, 11 nm south-southeast of Cameron, LA. Shoreline impacts included an area between Gilchrist and San Luis Pass.

Latitude 29° 35' N

U.S. State Texas

USCG District 8

Longitude 93° 15' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 37

Distance Offshore (nm) 12.53

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Rough seas

Wind Speed (kt) 15-20

Wind Direction E and NE

Air Temp. (°F) 80 - 100

OIL(S) SPILLED

Type of Oil(s) Spilled Venezuelan Merey crude
Pilon crude

Volume of Oil(s) Spilled in Water (bbl) 65,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y

Description of Dispersant Use Conducted a dispersant evaluation test on a seawall using Corexit 9527 - dispersant unable to penetrate the thick oil coating

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 089

Date of Spill 6/8/90 **Name/Type of Vessel** Mega Borg

Time of Spill 2330 **Responsible Party**

Case No. 1 MP90005822 **Source/Cause** Explosion

Case No. 2

LOCATION

Location Description Gulf of Mexico, 57 miles southeast of Galveston, TX

Latitude 28° 33' N **U.S. State** Texas **USCG District** 8

Longitude 94° 08' W **Water Body Impacted** Gulf of Mexico

Water Depth (ft) 120 **Distance Offshore (nm)** 61.15 **Distance from Receptor (nm)** >3

WEATHER CONDITIONS

Weather Description Calm throughout incident

Wind Speed (kt) 10 - 15 **Wind Direction** SE **Air Temp. (°F)** 82

OIL(S) SPILLED

Type of Oil(s) Spilled Angolan Palanca crude **Volume of Oil(s) Spilled in Water (bbl)** 100,000 **Volume of Spilled Oil(s) Recovered (bbl)** 12,560

Yaeger & Assoc., 1985 classification 2H

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y **Description of Dispersant Use** Five sorties sprayed a total of 11,300 gal of dispersant - winds were very calm, which may not have provided enough mixing energy

In-Situ Burning (Y/N) Y **Description of Burning Use** Explosions

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 090

Date of Spill 2/8/88

Name/Type of Vessel

Time of Spill

Responsible Party Amoco Oil Co.

Case No. 1 MP88000939

Source/Cause Pipeline rupture

Case No. 2

LOCATION

Location Description Gulf of Mexico

Latitude 28° 49' N

U.S. State Texas

USCG District 8

Longitude 94° 34' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 54

Distance Offshore (nm) 33.47

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled Light Crude

Volume of Oil(s) Spilled in Water (bbl) 14,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 092

Date of Spill 2/8/78

Name/Type of Vessel Industrial vessel

Time of Spill 1200

Responsible Party

Case No. 1 MP78903636

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 42° 24' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 01' W

Water Body Impacted Boston Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction N-NE

Air Temp. (°F) 27

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl) 32,040.07

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 093

Date of Spill 12/19/79

Name/Type of Vessel Donau Maru

Time of Spill 0300

Responsible Party

Case No. 1 MP79900882

Source/Cause Offloading mishap

Case No. 2

LOCATION

Location Description Near Boston

Latitude 42° 20' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 05' W

Water Body Impacted Boston Harbor

Water Depth (ft) 22

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No 6 Fuel Naptha

Volume of Oil(s) Spilled in Water (bbl) 5,952

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 094

Date of Spill 2/4/86

Name/Type of Vessel BFT #24

Time of Spill 0600

Responsible Party

Case No. 1 MP86000889

Source/Cause Tank overflow

Case No. 2

LOCATION

Location Description South Boston Harbor, MA

Latitude 42° 20' N

U.S. State Massachusetts

USCG District 1

Longitude 71° 01' W

Water Body Impacted South Boston Harbor

Water Depth (ft) shallow

Distance Offshore (nm) 0.07

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 19

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 3,505

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 096

Date of Spill 12/15/76

Name/Type of Vessel Argo Merchant

Time of Spill 0600

Responsible Party

Case No. 1 MP76900957

Source/Cause Grounding of tanker on Shoals

Case No. 2

LOCATION

Location Description Grounding occurred on Nantucket Shoals, 29 nmiles southeast of Nantucket Island, MA

Latitude 41° 02' N

U.S. State Massachusetts

USCG District 1

Longitude 69° 27' W

Water Body Impacted Nantucket Shoals

Water Depth (ft) 7

Distance Offshore (nm) 29

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description High winds and 10' seas

Wind Speed (kt) 15

Wind Direction W

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 fuel oil Cutter stock

Volume of Oil(s) Spilled in Water (bbl) 183,330

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) Y

Description of Burning Use Attempted twice; unable to ignite slicks

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 100

Date of Spill 9/30/85

Name/Type of Vessel

Time of Spill 0700

Responsible Party

Case No. 1 MP85905893

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 31' N

U.S. State Louisiana

USCG District 8

Longitude 91° 14' W

Water Body Impacted Atchafalaya Bay

Water Depth (ft) 50

Distance Offshore (nm) 0.3

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Arabian Heavy Crude

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 106

Date of Spill 9/17/80

Name/Type of Vessel Barge

Time of Spill 0800

Responsible Party

Case No. 1 MP80900023

Source/Cause Hull rupture

Case No. 2

LOCATION

Location Description Intercoastal Waterway, LA

Latitude 29° 48' N

U.S. State Louisiana

USCG District 8

Longitude 92° 10' W

Water Body Impacted Intercoastal Waterway

Water Depth (ft) 12

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S-SW

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled Light crude

Volume of Oil(s) Spilled in Water (bbl) 1,300

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 107

Date of Spill 7/7/86

Name/Type of Vessel

Time of Spill 0543

Responsible Party

Case No. 1 MP86005032

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 93° 25' W

Water Body Impacted Intercoastal Waterway

Water Depth (ft) 12

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 7,500

Volume of Spilled Oil(s) Recovered (bbl) 6,123

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 108

Date of Spill 9/21/78

Name/Type of Vessel

Time of Spill 1600

Responsible Party

Case No. 1 MP78911693

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 05' N

U.S. State Louisiana

USCG District 8

Longitude 93° 25' W

Water Body Impacted Intercoastal waterway

Water Depth (ft) 12

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 32,520

Volume of Spilled Oil(s) Recovered (bbl) 32,000

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 109

Date of Spill 1/30/85

Name/Type of Vessel Passenger

Time of Spill 1300

Responsible Party

Case No. 1 MP85906471

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 30° 06' N

U.S. State Louisiana

USCG District 8

Longitude 93° 35' W

Water Body Impacted Intercoastal waterway

Water Depth (ft) 12

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Heavy fog the next day.

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 56

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,998.05

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 110

Date of Spill 9/1/79

Name/Type of Vessel Chevron Hawaii

Time of Spill 1412

Responsible Party

Case No. 1 MP79902686

Source/Cause Vessel exploded, burned, sanked

Case No. 2

LOCATION

Location Description Deer Park Shell Oil Company terminal on south side of Houston Ship Channel

Latitude 29° 42' N

U.S. State Texas

USCG District 8

Longitude 95° 08'W

Water Body Impacted Houston Ship Channel

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Warm and windy with heavy downpours and lightning

Wind Speed (kt) max: 33

Wind Direction NE

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Santa Maria crude
Catalytic cracker feedstock

Volume of Oil(s) Spilled in Water (bbl) 20,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 113

Date of Spill 2/15/81

Name/Type of Vessel ODECO S.O.B. platform

Time of Spill 1000

Responsible Party

Case No. 1 MP81906373

Source/Cause Listing, fire

Case No. 2

LOCATION

Location Description Ship Shoals Block 113, Gulf of Mexico

Latitude 28° 50' N

U.S. State Louisiana

USCG District 8

Longitude 90° 50' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 50

Distance Offshore (nm) 12.5

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 48

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 2,381

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 114

Date of Spill 1/24/90

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Anchor dragging at platform

Case No. 2

LOCATION

Location Description Ship Shoal 281

Latitude 28° 18' N

U.S. State Louisiana

USCG District 8

Longitude 90° 52' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 14,423

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 115

Date of Spill 1/26/73

Name/Type of Vessel Barge

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description OCS South Pleto Block 23 off Louisiana

Latitude 29° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 30' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 35

Distance Offshore (nm) 3.8

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W-SW

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 7,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 116

Date of Spill 1/9/73

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Tank rupture on platform

Case No. 2

LOCATION

Location Description Offshore West Delta 79

Latitude 28° 57' N

U.S. State Louisiana

USCG District 8

Longitude 89° 15' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 109

Distance Offshore (nm) 3.5

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 9,935

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 117

Date of Spill 5/12/73

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Leak on platform

Case No. 2

LOCATION

Location Description West Delta 73

Latitude 28° 58' N

U.S. State Louisiana

USCG District 8

Longitude 89° 43' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 160

Distance Offshore (nm) 18

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 118

Date of Spill 4/17/74

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Anchor dragging at platform

Case No. 2

LOCATION

Location Description Eugene Island 317

Latitude 28° 16' N

U.S. State Louisiana

USCG District 8

Longitude 91° 35' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction N-NE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 19,833

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 120

Date of Spill 9/11/74

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Line broken at platform

Case No. 2

LOCATION

Location Description Main Pass 73

Latitude 29° 16' N

U.S. State Louisiana

USCG District 8

Longitude 88° 54' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 160

Distance Offshore (nm) 3.8

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 3,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 121

Date of Spill 12/11/81

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Anchor dragging at platform

Case No. 2

LOCATION

Location Description South Pass 60

Latitude 29° 03' N

U.S. State Louisiana

USCG District 8

Longitude 88° 58' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 192

Distance Offshore (nm) 2.7

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction S

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 5,100

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 122

Date of Spill 2/7/88

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1 MP88000939

Source/Cause Anchor dragging at platform

Case No. 2

LOCATION

Location Description Galveston 2A

Latitude 28° 49' N

U.S. State Texas

USCG District 8

Longitude 94° 35' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 15,576

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 123

Date of Spill 8/31/92

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Pipeline dragged at platform

Case No. 2

LOCATION

Location Description South Pelto 8

Latitude 28° 57' N

U.S. State Texas

USCG District 8

Longitude 90° 38' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 37

Distance Offshore (nm) 7.8

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 83

OIL(S) SPILLED

Type of Oil(s) Spilled South Louisiana Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 124

Date of Spill 2/7/90

Name/Type of Vessel American Trader

Time of Spill 1620

Responsible Party American Trading Transportation Co.

Case No. 1 MP90001433

Source/Cause Grounding of tank vessel

Case No. 2

LOCATION

Location Description 1.3 miles off of Huntington Beach, CA

Latitude 33° 38' N

U.S. State CA

USCG District 11

Longitude 118° 08' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 108

Distance Offshore (nm) 1.3

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description Calm seas and fair weather

Wind Speed (kt)

Wind Direction N and NW

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Alaskan North Slope Crude

Volume of Oil(s) Spilled in Water (bbl) 9,458

Volume of Spilled Oil(s) Recovered (bbl) 4,580

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use Not used because of shallow waters and sensitive areas.

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 125

Date of Spill 4/74

Name/Type of Vessel Sea Spirit

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Los Angeles Harbor, CA

Latitude 34° 00' N

U.S. State California

USCG District 11

Longitude 118° 15' W

Water Body Impacted Los Angeles Harbor

Water Depth (ft) 24

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Heavy Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 50,028

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 126

Date of Spill 12/17/76

Name/Type of Vessel Sansinena

Time of Spill

Responsible Party

Case No. 1 MP76900825

Source/Cause Tanker exploded and burned

Case No. 2

LOCATION

Location Description Union Oil Terminal, berth 46, Los Angeles Harbor, CA

Latitude 33° 43' N

U.S. State California

USCG District 11

Longitude 118° 16' W

Water Body Impacted Los Angeles Harbor

Water Depth (ft) 45

Distance Offshore (nm) 0.6

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Indonesian light crude
Bunker C fuel

Volume of Oil(s) Spilled in Water (bbl) 30,000

Volume of Spilled Oil(s) Recovered (bbl) 23,809

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 127

Date of Spill 12/28/80

Name/Type of Vessel John A. Mccone

Time of Spill

Responsible Party

Case No. 1

Source/Cause Tank rupture

Case No. 2

LOCATION

Location Description Near Long Beach/El Segundo, CA

Latitude 33° 47' N

U.S. State California

USCG District 11

Longitude 118° 15' W

Water Body Impacted Santa Monica Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Fog

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Minas Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3H

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 128

Date of Spill 9/6/73

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP73912614

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 45° 36' N

U.S. State Oregon

USCG District 13

Longitude 122° 46' W

Water Body Impacted Willamette River

Water Depth (ft) 36

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 57

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,428.57

Volume of Spilled Oil(s) Recovered (bbl) 745

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 129

Date of Spill 1/10/73

Name/Type of Vessel Naval vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP73911773

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 48° 45' N

U.S. State Washington

USCG District 13

Longitude 122° 30' W

Water Body Impacted Bellingham Bay

Water Depth (ft) 21

Distance Offshore (nm) 0.1

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 10,476.19

Volume of Spilled Oil(s) Recovered (bbl) 9,523.8

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 130

Date of Spill 12/21/85

Name/Type of Vessel ARCO Anchorage

Time of Spill 1626

Responsible Party ARCO

Case No. 1 MP86000203

Source/Cause Grounding of tanker

Case No. 2

LOCATION

Location Description Southeastern portion of Port Angeles, WA. Oil was carried northwest and came ashore on the south-facing sheltered beach of Ediz Hook

Latitude 48° 07' N

U.S. State Washington

USCG District 13

Longitude 123° 27' W

Water Body Impacted Strait of Juan de Fuca

Water Depth (ft) 54

Distance Offshore (nm) 0.3

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Calm conditions with a visibility of 3 miles

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 28

OIL(S) SPILLED

Type of Oil(s) Spilled Alaska North Slope crude

Volume of Oil(s) Spilled in Water (bbl) 5,690

Volume of Spilled Oil(s) Recovered (bbl) 3,125.9

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use Ruled out because of sensitive areas, weathering of oil, and calm conditions

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 131

Date of Spill 2/22/91

Name/Type of Vessel Tanker

Time of Spill 2300

Responsible Party

Case No. 1 MP91001976

Source/Cause Offloading

Case No. 2

LOCATION

Location Description Fidalago Bay, in northern Puget Sound near Anacortes, WA.

Latitude 48° 31' N

U.S. State Washington

USCG District 13

Longitude 122° 34' W

Water Body Impacted Fidalgo Bay

Water Depth (ft) 132

Distance Offshore (nm) 0.9

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N-NE

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled North Slope Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl) 1,900

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 132

Date of Spill 1/18/77

Name/Type of Vessel Irene's Challenge

Time of Spill

Responsible Party

Case No. 1

Source/Cause Vessel broke into two pieces

Case No. 2

LOCATION

Location Description 200 miles south of Midway Island and 50 miles north of Lisianski Island, Hawaii

Latitude 26° 53' N

U.S. State Midway Island and Hawaii

USCG District 14

Longitude 173° 52' W

Water Body Impacted Pacific Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Rough seas

Wind Speed (kt) 6

Wind Direction SW

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Heavy Venezuelan crude

Volume of Oil(s) Spilled in Water (bbl) 237,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 3L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 133

Date of Spill 8/26/83

Name/Type of Vessel Passenger

Time of Spill 0900

Responsible Party

Case No. 1 MP83912840

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 21° 19' N

U.S. State Hawaii

USCG District 14

Longitude 157° 53' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 300

Distance Offshore (nm) 1

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 67

Wind Direction W-SW

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 23,816.67

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 134

Date of Spill 5/21/73

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP73901826

Source/Cause Oil Recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 05' N

U.S. State New York

USCG District 1

Longitude 73° 55' W

Water Body Impacted Long Island Sound

Water Depth (ft) 3

Distance Offshore (nm) 0.04

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Steady rain.

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Clarified

Volume of Oil(s) Spilled in Water (bbl) 1,666.67

Volume of Spilled Oil(s) Recovered (bbl) 1,666.67

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 135

Date of Spill 6/3/73

Name/Type of Vessel Petrola

Time of Spill 1000

Responsible Party

Case No. 1 MP73901887

Source/Cause

Case No. 2

LOCATION

Location Description Atlantic Ocean

Latitude 41° 00' N

U.S. State New York

USCG District 1

Longitude 72° 00' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 36

Distance Offshore (nm) 0.58

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NE

Air Temp. (°F) 57

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 20,000

Volume of Spilled Oil(s) Recovered (bbl) 476

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 136

Date of Spill 6/6/73

Name/Type of Vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP73901901

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 42' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted Hudson River

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Fog (0.25 mile visibility).

Wind Speed (kt) 10

Wind Direction E-NE

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 138

Date of Spill 10/15/73

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP73902526

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 28' N

U.S. State New York

USCG District 1

Longitude 73° 54' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 55

Distance Offshore (nm) 4.15

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction W

Air Temp. (°F) 59

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,904.76

Volume of Spilled Oil(s) Recovered (bbl) 714

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 139

Date of Spill 10/6/74

Name/Type of Vessel Messiniaki Bergen

Time of Spill 0100

Responsible Party

Case No. 1 MP74902876

Source/Cause

Case No. 2

LOCATION

Location Description New Haven, CT

Latitude 41° 18' N

U.S. State Connecticut

USCG District 1

Longitude 72° 55' W

Water Body Impacted Long Island Sound (?)

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 62

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl) 2,381

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 140

Date of Spill 10/7/75

Name/Type of Vessel Bouchard 115

Time of Spill 1900

Responsible Party

Case No. 1 MP75902373

Source/Cause

Case No. 2

LOCATION

Location Description East River, NY

Latitude 40° 48' N

U.S. State New York

USCG District 1

Longitude 73° 54' W

Water Body Impacted East River

Water Depth (ft) 53

Distance Offshore (nm) 0.02

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 53

OIL(S) SPILLED

Type of Oil(s) Spilled Nos. 4 and 6

Volume of Oil(s) Spilled in Water (bbl) 2,248

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 141

Date of Spill 12/31/75

Name/Type of Vessel Delaware

Time of Spill 0700

Responsible Party

Case No. 1 MP75902242

Source/Cause

Case No. 2

LOCATION

Location Description Long Island Sound

Latitude 41° 05' N

U.S. State New York or Connecticut

USCG District 1

Longitude 73° 55' W

Water Body Impacted Long Island Sound

Water Depth (ft) 3

Distance Offshore (nm) 0.04

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction S-SW

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled Light Diesel No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,146

Volume of Spilled Oil(s) Recovered (bbl) 24

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 142

Date of Spill 2/4/77

Name/Type of Vessel Naval

Time of Spill 1900

Responsible Party

Case No. 1 MP77901844

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 41° 21' N

U.S. State New York

USCG District 1

Longitude 73° 57' W

Water Body Impacted Hudson River

Water Depth (ft) 4

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light snow.

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 30

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 10,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 144

Date of Spill 7/17/77

Name/Type of Vessel Industrial vessel

Time of Spill 1300

Responsible Party

Case No. 1 MP779055777

Source/Cause

Case No. 2

LOCATION

Location Description Off of New Haven, CT

Latitude 41° 14' N

U.S. State Connecticut

USCG District 1

Longitude 72° 56' W

Water Body Impacted Long Island Sound

Water Depth (ft) 17

Distance Offshore (nm) 1.55

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description Fog.

Wind Speed (kt) 10

Wind Direction W-SW

Air Temp. (°F) 69

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 diesel

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 145

Date of Spill 1/9/78

Name/Type of Vessel Bouchard 100

Time of Spill 0700

Responsible Party

Case No. 1 MP78902462

Source/Cause Grounding

Case No. 2

LOCATION

Location Description

Latitude 40° 55' N

U.S. State New York

USCG District 1

Longitude 73° 24' W

Water Body Impacted Northport Bay

Water Depth (ft) 16

Distance Offshore (nm) 0.18

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction S

Air Temp. (°F) 54

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel/ 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,810

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 146

Date of Spill 7/31/78

Name/Type of Vessel Pennsylvania and Gracie Moran

Time of Spill

Responsible Party American Dredge Company

Case No. 1

Source/Cause Grounding of dredge and tug

Case No. 2

LOCATION

Location Description Rockaway Inlet, New York

Latitude 40° 32' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted Rockaway Inlet

Water Depth (ft) 29

Distance Offshore (nm) 0.40

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Heavy weather

Wind Speed (kt) 10

Wind Direction E-NE

Air Temp. (°F) 66

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel, No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y

Description of Dispersant Use 288 gallons of dispersants were applied

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

NOAA. 1992. OilSpill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 147

Date of Spill 10/27/78

Name/Type of Vessel George Whitlock 2

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Long Island Sound, NY

Latitude 41° 00' N

U.S. State New York

USCG District 1

Longitude 73° 00' W

Water Body Impacted Long Island Sound

Water Depth (ft) 81

Distance Offshore (nm) 2.38

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W-NW

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 4,398

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 148

Date of Spill 11/28/78

Name/Type of Vessel Cibro Philadelphia

Time of Spill 0100

Responsible Party

Case No. 1 MP78906313

Source/Cause Grounding

Case No. 2

LOCATION

Location Description East River

Latitude 40° 47' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted East River

Water Depth (ft) 14

Distance Offshore (nm) 0.02

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,055

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 149

Date of Spill 12/8/78

Name/Type of Vessel Robert I. Poling

Time of Spill 2300

Responsible Party

Case No. 1 MP78902616

Source/Cause Collision

Case No. 2

LOCATION

Location Description Gravesend Bay, NY near Coney Island

Latitude 40° 34' N

U.S. State New York

USCG District 1

Longitude 74° 01' W

Water Body Impacted Gravesend Bay

Water Depth (ft) 27

Distance Offshore (nm) 0.5

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled Unleaded Gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,190

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 150

Date of Spill 3/5/79

Name/Type of Vessel Industrial vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP79905326

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 41° 19' N

U.S. State Connecticut

USCG District 1

Longitude 72° 53' W

Water Body Impacted Quinnipiac River

Water Depth (ft) 2

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 15

Wind Direction S-SE

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled JP 4 Jet Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,380.95

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 151

Date of Spill 6/30/79

Name/Type of Vessel Sea Speed Arabia

Time of Spill 2100

Responsible Party

Case No. 1 MP79900925

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Kill Van Kull off Bayonne, NJ in New York Upper Harbor

Latitude 40° 40' N

U.S. State New York

USCG District 1

Longitude 74° 11' W

Water Body Impacted New York Upper Harbor

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Diesel, No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,857

Volume of Spilled Oil(s) Recovered (bbl) 1,023.81

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y

Description of Dispersant Use Corexit 9527 effectively used to disperse the slick off Staten Island - 440 gallons applied

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 152

Date of Spill 1/11/80

Name/Type of Vessel Industrial vessel

Time of Spill 2100

Responsible Party

Case No. 1 MP80904952

Source/Cause

Case No. 2

LOCATION

Location Description Near Bayway, NJ and Staten Island, NY.

Latitude 40° 38' N

U.S. State New York

USCG District 1

Longitude 74° 12' W

Water Body Impacted Kill Van Kull

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction W

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 153

Date of Spill 1/19/81

Name/Type of Vessel Concho

Time of Spill 1400

Responsible Party Sabine Towing & Transport

Case No. 1 MP81904879

Source/Cause Grounding of tank vessel

Case No. 2 MP80900905

LOCATION

Location Description

Latitude 40° 35' N

U.S. State New York

USCG District 1

Longitude 74° 01' W

Water Body Impacted Gravesend Bay

Water Depth (ft) 23

Distance Offshore (nm) 0.31

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction W-SW

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 18,149

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 154

Date of Spill 3/4/82

Name/Type of Vessel Passenger

Time of Spill 1300

Responsible Party

Case No. 1 MP82904588

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 36' N

U.S. State New York

USCG District 1

Longitude 73° 50' W

Water Body Impacted Jamica Bay

Water Depth (ft) 7

Distance Offshore (nm) 0.48

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NE

Air Temp. (°F) 24

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,900

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 155

Date of Spill 9/26/83

Name/Type of Vessel Matthew/Christina

Time of Spill 0900

Responsible Party

Case No. 1 MP83901444

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Hudson River near Newburgh New York

Latitude 41° 30' N

U.S. State New York

USCG District 1

Longitude 74° 00' W

Water Body Impacted Hudson River

Water Depth (ft) 40

Distance Offshore (nm) 0.29

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,714

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 156

Date of Spill 1/22/84

Name/Type of Vessel Flammulina

Time of Spill

Responsible Party

Case No. 1

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Carteret and Arthur Kill, NY/NJ

Latitude 40° 35' N

U.S. State New York

USCG District 1

Longitude 74° 14' W

Water Body Impacted Carteret and Arthur Kill

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) -20

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 157

Date of Spill 11/26/84

Name/Type of Vessel Passenger

Time of Spill 0900

Responsible Party

Case No. 1 MP84904608

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 54' N

U.S. State New York

USCG District 1

Longitude 73° 26' W

Water Body Impacted Huntington Harbor

Water Depth (ft) 20

Distance Offshore (nm) 0.12

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 142,857.6

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 158

Date of Spill 11/16/86

Name/Type of Vessel Amazon Venture

Time of Spill

Responsible Party

Case No. 1 MP86008820

Source/Cause Valve failure

Case No. 2

LOCATION

Location Description Nova Scotia Bar

Latitude 40° 35' N

U.S. State New York

USCG District 1

Longitude 73° 52' W

Water Body Impacted Jamaica Bay

Water Depth (ft) 1

Distance Offshore (nm) 0.42

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W-NW

Air Temp. (°F) 43

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 fuel

Volume of Oil(s) Spilled in Water (bbl) 11,900

Volume of Spilled Oil(s) Recovered (bbl) 267

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 159

Date of Spill 2/17/87

Name/Type of Vessel Texaco 807

Time of Spill 0625

Responsible Party

Case No. 1 MP87001081

Source/Cause Hull rupture

Case No. 2

LOCATION

Location Description New York, NY

Latitude 40° 46' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted East River

Water Depth (ft) 28

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 9

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,190

Volume of Spilled Oil(s) Recovered (bbl) 83

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 160

Date of Spill 9/13/89

Name/Type of Vessel Morania 440

Time of Spill

Responsible Party

Case No. 1 MP89007939

Source/Cause Grounding

Case No. 2

LOCATION

Location Description East River, NY

Latitude 40° 46' N

U.S. State New York

USCG District 1

Longitude 73° 56' W

Water Body Impacted East River

Water Depth (ft) 28

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,571

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 161

Date of Spill 12/15/89

Name/Type of Vessel Cibro Philadelphia

Time of Spill

Responsible Party

Case No. 1

Source/Cause Movement of tugboat

Case No. 2

LOCATION

Location Description 1 mile north of Verrazanno Narrows Bridge, NY

Latitude 40° 40' N

U.S. State New York

USCG District 1

Longitude 74° 00' W

Water Body Impacted Upper Bay

Water Depth (ft) 22

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W-SW

Air Temp. (°F) 26

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 162

Date of Spill 1/2/90

Name/Type of Vessel Exxon Bayway Refinery

Time of Spill 0300

Responsible Party Exxon

Case No. 1 MP90000076

Source/Cause Pipeline rupture

Case No. 2

LOCATION

Location Description Pipeline located at mouth of Morse Creek. Discharge into Arthur Kill waterway between NJ and Staten Island, NY

Latitude 40° 38' N

U.S. State New York

USCG District 1

Longitude 74° 14' W

Water Body Impacted Arthur Kill

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Heating Oil

Volume of Oil(s) Spilled in Water (bbl) 13,500

Volume of Spilled Oil(s) Recovered (bbl) 4,524

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 163

Date of Spill 6/7/90

Name/Type of Vessel BT Nautilus

Time of Spill 0515

Responsible Party

Case No. 1 MP90005747

Source/Cause

Case No. 2

LOCATION

Location Description Kill Van Kull, New York Harbor

Latitude 40° 39' N

U.S. State New York

USCG District 1

Longitude 74° 06' W

Water Body Impacted Kill Van Kull

Water Depth (ft) 1

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 67

OIL(S) SPILLED

Type of Oil(s) Spilled Heating Oil No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 6,024

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 164

Date of Spill 9/17/90

Name/Type of Vessel Exxon Barge #25

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 40' N

U.S. State New York

USCG District 1

Longitude 73° 55' W

Water Body Impacted Upper Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NW

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,405

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 165

Date of Spill 9/27/90

Name/Type of Vessel Sarah Frank

Time of Spill 0830

Responsible Party

Case No. 1 MP91008941

Source/Cause

Case No. 2

LOCATION

Location Description Kill Van Kull, Staten Island

Latitude 40° 35' N

U.S. State New York

USCG District 1

Longitude 74° 10' W

Water Body Impacted Kill Van Kull

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 60

OIL(S) SPILLED

Type of Oil(s) Spilled Residue Waste Oil

Volume of Oil(s) Spilled in Water (bbl) 1,190

Volume of Spilled Oil(s) Recovered (bbl) 941

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 166

Date of Spill 10/26/90

Name/Type of Vessel Fishing vessel

Time of Spill 2250

Responsible Party

Case No. 1 MP90011477

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 41° 33' N

U.S. State New York

USCG District 1

Longitude 73° 58' W

Water Body Impacted Hudson River

Water Depth (ft) 3

Distance Offshore (nm) 0.11

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled Kerosene

Volume of Oil(s) Spilled in Water (bbl) 4,523.81

Volume of Spilled Oil(s) Recovered (bbl) 476

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 167

Date of Spill 3/6/73

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP73901413

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 30' N

U.S. State New Jersey

USCG District 5

Longitude 74° 12' W

Water Body Impacted Raritan Bay

Water Depth (ft) 8

Distance Offshore (nm) 0.64

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction E-NE

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 4 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,119.05

Volume of Spilled Oil(s) Recovered (bbl) 95

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 168

Date of Spill 6/26/73

Name/Type of Vessel Industrial vessel

Time of Spill 1600

Responsible Party

Case No. 1 MP73901980

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 39° 42' N

U.S. State Delaware

USCG District 5

Longitude 75°32' W

Water Body Impacted Delaware River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,142.86

Volume of Spilled Oil(s) Recovered (bbl) 1,881

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 169

Date of Spill 11/9/73

Name/Type of Vessel Naval vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP73902879

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 30' N

U.S. State New York

USCG District 1

Longitude 73° 30' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 59

Distance Offshore (nm) 5.04

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,800

Volume of Spilled Oil(s) Recovered (bbl) 2,380.95

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 170

Date of Spill 12/28/73

Name/Type of Vessel

Time of Spill 2300

Responsible Party

Case No. 1 MP73902846

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 38° 56' N

U.S. State Delaware

USCG District 5

Longitude 75° 12' W

Water Body Impacted Delaware Bay

Water Depth (ft) 21

Distance Offshore (nm) 5.33

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 4 Fuel

Volume of Oil(s) Spilled in Water (bbl) 4,761.90

Volume of Spilled Oil(s) Recovered (bbl) 3,929

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 173

Date of Spill 2/19/74

Name/Type of Vessel Athos

Time of Spill 1200

Responsible Party

Case No. 1 MP74901782

Source/Cause

Case No. 2

LOCATION

Location Description Near Paulsboro, NJ

Latitude 39° 51' N

U.S. State New Jersey

USCG District 5

Longitude 75° 17' W

Water Body Impacted Delaware River

Water Depth (ft) 27

Distance Offshore (nm) 0.16

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 34

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Bunker Fuel

Volume of Oil(s) Spilled in Water (bbl) 6,786

Volume of Spilled Oil(s) Recovered (bbl) 5,323

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 174

Date of Spill 5/5/74

Name/Type of Vessel

Time of Spill 2100

Responsible Party

Case No. 1 MP74902126

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 39' N

U.S. State New Jersey

USCG District 5

Longitude 74° 07' W

Water Body Impacted Kill Van Kull

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled Mineral seal

Volume of Oil(s) Spilled in Water (bbl) 2,190.48

Volume of Spilled Oil(s) Recovered (bbl) 1,904.76

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 175

Date of Spill 4/4/75

Name/Type of Vessel Spartan Lady

Time of Spill 1000

Responsible Party

Case No. 1 MP75900781

Source/Cause

Case No. 2

LOCATION

Location Description Atlantic Ocean off of New Jersey (12-200 miles off)

Latitude 39° 02' N

U.S. State New Jersey

USCG District 5

Longitude 71° 00' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction W

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 142, 857

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 176

Date of Spill 8/10/75

Name/Type of Vessel Shamrock

Time of Spill 0600

Responsible Party

Case No. 1 MP75905818

Source/Cause

Case No. 2

LOCATION

Location Description Chesapeake Bay, MD

Latitude 39° 13' N

U.S. State Maryland

USCG District 5

Longitude 76° 33' W

Water Body Impacted Chesapeake Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Light fog.

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 177

Date of Spill 9/14/75

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP75904771

Source/Cause Oil Recovery

Case No. 2

LOCATION

Location Description

Latitude 39° 54' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 12' W

Water Body Impacted Schuylkill River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,428.57

Volume of Spilled Oil(s) Recovered (bbl) 1,190.48

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 178

Date of Spill 11/4/75

Name/Type of Vessel Naval

Time of Spill 1200

Responsible Party

Case No. 1 MP75904956

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 39° 51' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 20' W

Water Body Impacted Delaware River

Water Depth (ft) 24

Distance Offshore (nm) 0.09

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W-SW

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Clarified

Volume of Oil(s) Spilled in Water (bbl) 1,738.10

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 179

Date of Spill 2/2/76

Name/Type of Vessel STC-101

Time of Spill 2200

Responsible Party Steuart Transportation

Case No. 1 MP76901669

Source/Cause Sinking of barge

Case No. 2

LOCATION

Location Description Chesapeake Bay, approx. 3.5 miles off Smith Point Light

Latitude 37° 49' N

U.S. State Virginia

USCG District 5

Longitude 76° 11' W

Water Body Impacted Chesapeake Bay

Water Depth (ft) 70

Distance Offshore (nm) 3.13

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Stormy weather

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 27

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 5,959

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) Y

Description of Burning Use Burned recovered oil

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 181

Date of Spill 4/29/76

Name/Type of Vessel Commercial vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP76901304

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 39° 53' N

U.S. State New Jersey

USCG District 5

Longitude 75° 09' W

Water Body Impacted Delaware River

Water Depth (ft) 13

Distance Offshore (nm) 0.28

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 58

OIL(S) SPILLED

Type of Oil(s) Spilled Naphtha

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 182

Date of Spill 5/12/76

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP76905815

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description Pennsylvania

Latitude 39° 56' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 13' W

Water Body Impacted Schuylkill River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NW

Air Temp. (°F) 54

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,619.05

Volume of Spilled Oil(s) Recovered (bbl) 2,619.05

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 183

Date of Spill 5/26/76

Name/Type of Vessel

Time of Spill 1700

Responsible Party

Case No. 1 MP76905167

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 44' N

U.S. State New Jersey

USCG District 5

Longitude 74° 05' W

Water Body Impacted Hackensack River

Water Depth (ft) 4

Distance Offshore (nm) 0.04

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction w

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,571.43

Volume of Spilled Oil(s) Recovered (bbl) 3,566.67

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 184

Date of Spill 2/1/77

Name/Type of Vessel O N 535880 No. 105

Time of Spill 2000

Responsible Party

Case No. 1 MP77902702

Source/Cause

Case No. 2

LOCATION

Location Description Near Perth Amboy, NJ

Latitude 40° 32' N

U.S. State New Jersey

USCG District 5

Longitude 74° 15' W

Water Body Impacted Raritan Bay

Water Depth (ft) 37

Distance Offshore (nm) 0.06

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 20

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,381

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 185

Date of Spill 3/5/77

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP77905348

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description Near Jersey City

Latitude 40° 42' N

U.S. State New Jersey

USCG District 5

Longitude 74° 02' W

Water Body Impacted Hudson River

Water Depth (ft) 27

Distance Offshore (nm) 0.21

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction B

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 3,571.43

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 186

Date of Spill 6/26/77

Name/Type of Vessel ACT-586

Time of Spill 2200

Responsible Party

Case No. 1 MP77902192

Source/Cause

Case No. 2

LOCATION

Location Description Near Goodwin Neck, VA.

Latitude 37° 13' N

U.S. State Virginia

USCG District 5

Longitude 76° 26' W

Water Body Impacted York River

Water Depth (ft) 1

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E-NE

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,786

Volume of Spilled Oil(s) Recovered (bbl) 1,786

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 187

Date of Spill 8/21/77

Name/Type of Vessel Tanker

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Off of Fenwick Island, MD

Latitude 38° 20' N

U.S. State Maryland

USCG District 5

Longitude 75° 05' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 8

Distance Offshore (nm) 0.09

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled Low Grade Bunker C

Volume of Oil(s) Spilled in Water (bbl) 1,055

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 188

Date of Spill 3/20/78

Name/Type of Vessel Interstate 19

Time of Spill 1200

Responsible Party

Case No. 1 MP78901540

Source/Cause Explosion and fire

Case No. 2

LOCATION

Location Description Delaware River, near Delaware City, DE

Latitude 39° 35' N

U.S. State Delaware

USCG District 5

Longitude 75° 35' W

Water Body Impacted Delaware River

Water Depth (ft) 7

Distance Offshore (nm) 0.42

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 53

OIL(S) SPILLED

Type of Oil(s) Spilled JP-5 Aviation Kerosene

Volume of Oil(s) Spilled in Water (bbl) 15,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 189

Date of Spill 12/5/78

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP78906326

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 39' N

U.S. State New Jersey

USCG District 5

Longitude 74° 05' W

Water Body Impacted Upper Bay

Water Depth (ft) 22

Distance Offshore (nm) 0.08

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 190

Date of Spill 2/9/78

Name/Type of Vessel Broland

Time of Spill 0200

Responsible Party

Case No. 1 MP78900808

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Near Sandy Hook/Port Reading, NJ

Latitude 40° 33' N

U.S. State New Jersey

USCG District 5

Longitude 74° 14' W

Water Body Impacted Raritan Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.13

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 24

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,429

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 191

Date of Spill 2/5/79

Name/Type of Vessel Barge No. 105

Time of Spill 2300

Responsible Party

Case No. 1 MP79902593

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Near Perth Amboy, NJ

Latitude 40° 42' N

U.S. State New York

USCG District 1

Longitude 73° 58' W

Water Body Impacted East River

Water Depth (ft) 25

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,859

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 192

Date of Spill 5/24/79

Name/Type of Vessel Industrial vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP79905674

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 35' N

U.S. State New Jersey

USCG District 5

Longitude 74° 14' W

Water Body Impacted Arthur Kill River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 193

Date of Spill 12/16/79

Name/Type of Vessel Naval

Time of Spill 1100

Responsible Party

Case No. 1 MP79907151

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 38° 20' N

U.S. State Virginia

USCG District 5

Longitude 70° 18' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction S

Air Temp. (°F) 58

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,023.81

Volume of Spilled Oil(s) Recovered (bbl) 476

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 194

Date of Spill 2/26/80

Name/Type of Vessel Southwest Cape

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Off Perth Amboy, NJ

Latitude 40° 31' N

U.S. State New Jersey

USCG District 5

Longitude 74° 17' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NW

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 6,714

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 195

Date of Spill 3/5/80

Name/Type of Vessel Ethel H

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Off of Perth Amboy, NJ

Latitude 40° 31' N

U.S. State New Jersey

USCG District 5

Longitude 74° 17' W

Water Body Impacted Raritan Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 10,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 196

Date of Spill 3/6/80

Name/Type of Vessel Naval

Time of Spill 1500

Responsible Party

Case No. 1 MP80906104

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 37° 56' N

U.S. State Virginia

USCG District 5

Longitude 76° 30' W

Water Body Impacted Coan River

Water Depth (ft) neashore

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,761.9

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 197

Date of Spill 9/9/80

Name/Type of Vessel Industrial vessel

Time of Spill 2100

Responsible Party

Case No. 1 MP80906000

Source/Cause

Case No. 2

LOCATION

Location Description Near Baltimore, MD.

Latitude 39° 15' N

U.S. State Maryland

USCG District 5

Longitude 76° 33' W

Water Body Impacted Chesapeake Bay

Water Depth (ft) 24

Distance Offshore (nm) 0.3

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 3,333.33

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 198

Date of Spill 11/2/80

Name/Type of Vessel Suffolk

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Bayonne, NJ

Latitude 40° 39' N

U.S. State New Jersey

USCG District 5

Longitude 74° 08' W

Water Body Impacted Kill Van Kull

Water Depth (ft) 21

Distance Offshore (nm) 0.05

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,738

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 199

Date of Spill 5/6/81

Name/Type of Vessel Hellenic Carrier

Time of Spill 0700

Responsible Party

Case No. 1 MP81900633

Source/Cause Collision

Case No. 2

LOCATION

Location Description Off Nags Head, NC

Latitude 36° 00' N

U.S. State North Carolina

USCG District 5

Longitude 75° 10' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 54

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 3,571

Volume of Spilled Oil(s) Recovered (bbl) 2,380.95

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 200

Date of Spill 7/10/81

Name/Type of Vessel Meton

Time of Spill 0500

Responsible Party

Case No. 1 MP81900269

Source/Cause Personnel error

Case No. 2

LOCATION

Location Description Atlantic Ocean, 60 miles off of Virginia coast

Latitude 38° 29' N

U.S. State Virginia

USCG District 5

Longitude 73° 50' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) 60

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 82

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,095

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 202

Date of Spill 2/12/83

Name/Type of Vessel Marine Electric Bulk carrier

Time of Spill

Responsible Party

Case No. 1

Source/Cause Sinking

Case No. 2

LOCATION

Location Description

Latitude 37° 55' N

U.S. State Virginia

USCG District 5

Longitude 75° 23' W

Water Body Impacted Chincoteague Channel

Water Depth (ft) 10

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction NW

Air Temp. (°F) 25

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 fuel

Volume of Oil(s) Spilled in Water (bbl) 3,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 203

Date of Spill 6/28/83

Name/Type of Vessel Peter Maersk

Time of Spill 1200

Responsible Party

Case No. 1 MP83900446

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Cape Fear River, Wilmington, NC

Latitude 34° 07' N

U.S. State North Carolina

USCG District 5

Longitude 77° 56' W

Water Body Impacted Cape Fear River

Water Depth (ft) 9

Distance Offshore (nm) 0.14

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 204

Date of Spill 3/26/84

Name/Type of Vessel Tanker

Time of Spill 1330

Responsible Party

Case No. 1 MP85002315

Source/Cause

Case No. 2 MP84904709

LOCATION

Location Description Arthur Kill

Latitude 40° 38' N

U.S. State New Jersey

USCG District 5

Longitude 74° 12' W

Water Body Impacted Arthur Kill

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15

Wind Direction N

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled Asphalt

Volume of Oil(s) Spilled in Water (bbl) 2,655

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 205

Date of Spill 11/21/84

Name/Type of Vessel Barge

Time of Spill 0900

Responsible Party

Case No. 1 MP84900992

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 33° 59' N

U.S. State North Carolina

USCG District 5

Longitude 77° 58' W

Water Body Impacted Cape Fear River

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction n

Air Temp. (°F) 33

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 17,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 207

Date of Spill 5/9/85

Name/Type of Vessel Texaco 803

Time of Spill 0400

Responsible Party

Case No. 1 MP85900496

Source/Cause Personnel error

Case No. 2

LOCATION

Location Description Near Bayonne, NJ

Latitude 40° 44' N

U.S. State New Jersey

USCG District 5

Longitude 74° 07' W

Water Body Impacted Passaic River

Water Depth (ft) 4

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NE

Air Temp. (°F) 51

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,048

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 208

Date of Spill 9/15/85

Name/Type of Vessel Kazimierz Pulaski

Time of Spill 1915

Responsible Party

Case No. 1 MP85000921

Source/Cause

Case No. 2

LOCATION

Location Description Kill Van Kull, Bayonne, NJ

Latitude 40° 39' N

U.S. State New Jersey

USCG District 5

Longitude 74° 08' W

Water Body Impacted Kill Van Kull

Water Depth (ft) 21

Distance Offshore (nm) 0.05

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 52

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,905

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 209

Date of Spill 3/7/86

Name/Type of Vessel

Time of Spill 2200

Responsible Party: Amerada Hess

Case No. 1 MP86001760

Source/Cause: open valves on pipeline

Case No. 2

LOCATION

Location Description: Port Reading, NJ Arthur Kill River

Latitude 40° 34' N

U.S. State New Jersey

USCG District 5

Longitude 74° 13' W

Water Body Impacted Arthur Kill River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction W

Air Temp. (°F) 29

OIL(S) SPILLED

Type of Oil(s) Spilled: No 2-D Fuel

Volume of Oil(s) Spilled in Water (bbl): 1,714

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification: 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 210

Date of Spill 8/24/88

Name/Type of Vessel East. Carriers Barge #565

Time of Spill 0753

Responsible Party

Case No. 1 MP88006302

Source/Cause Tank fracture

Case No. 2

LOCATION

Location Description Chesapeake Bay near Kilmarnock, VA

Latitude 37° 40' N

U.S. State Virginia

USCG District 5

Longitude 76° 20' W

Water Body Impacted Chesapeake Bay

Water Depth (ft) 15

Distance Offshore (nm) 0.10

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 74

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,048

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 211

Date of Spill 6/24/89

Name/Type of Vessel Presidente Rivera

Time of Spill 0500

Responsible Party

Case No. 1 MP90005651

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Delaware River near Claymont, DE south of Marcus Hook, PA

Latitude 39° 45' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 27' W

Water Body Impacted Delaware River

Water Depth (ft) 2

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Cloudy, variable light winds, 2-3 miles visibility

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Oil

Volume of Oil(s) Spilled in Water (bbl) 7,310

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 212

Date of Spill 3/6/90 **Name/Type of Vessel** Cibro Savannah

Time of Spill 1330 **Responsible Party**

Case No. 1 MP90002278 **Source/Cause** Explosion

Case No. 2

LOCATION

Location Description Arthur Kill River near Linden, NJ

Latitude 40° 35' N **U.S. State** New Jersey **USCG District** 5

Longitude 74° 20' W **Water Body Impacted** Arthur Kill

Water Depth (ft) shallow **Distance Offshore (nm)** onshore **Distance from Receptor (nm)** <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 15 **Wind Direction** N-NE **Air Temp. (°F)** 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Heating Oil **Volume of Oil(s) Spilled in Water (bbl)** 1,286 **Volume of Spilled Oil(s) Recovered (bbl)** 238

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use**

In-Situ Burning (Y/N) N **Description of Burning Use**

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 213

Date of Spill 8/19/90

Name/Type of Vessel Ocean 192

Time of Spill 0045

Responsible Party

Case No. 1 MP90009466

Source/Cause Collision

Case No. 2

LOCATION

Location Description Delaware Bay, 4 miles off DE

Latitude 38° 47' N

U.S. State Delaware

USCG District 5

Longitude 75° 02' W

Water Body Impacted Delaware Bay

Water Depth (ft) 87

Distance Offshore (nm) 2.45

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 3,619

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 216

Date of Spill 9/18/91

Name/Type of Vessel Interstate #48

Time of Spill

Responsible Party

Case No. 1

Source/Cause Overflowed tanks

Case No. 2

LOCATION

Location Description Philadelphia, PA, Gerald Point

Latitude 40° 00' N

U.S. State Pennsylvania

USCG District 5

Longitude 75° 13' W

Water Body Impacted Delaware River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Vacuum Gas Oil

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 219

Date of Spill 7/20/75

Name/Type of Vessel Garbis

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Straits of Florida

Latitude 24° 38' N

U.S. State Florida

USCG District 7

Longitude 81° 30' W

Water Body Impacted Straits of Florida

Water Depth (ft) 2

Distance Offshore (nm) 0.53

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 81

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C

Volume of Oil(s) Spilled in Water (bbl) 2,698

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 220

Date of Spill 12/09/75 **Name/Type of Vessel** Z-102

Time of Spill 0700 **Responsible Party** McAllister Towing

Case No. 1 MP75901587 **Source/Cause** Grounding of barge

Case No. 2

LOCATION

Location Description Mouth of Ensenada de Boca Vieja, northwest of the entrance to San Juan Harbor, Puerto Rico

Latitude 18° 28' N **U.S. State** Puerto Rico **USCG District** 7

Longitude 66° 08'W **Water Body Impacted** Ensenada de Boca Vieja

Water Depth (ft) 17 **Distance Offshore (nm)** 0.18 **Distance from Receptor (nm)** <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 8 **Wind Direction** E-NE **Air Temp. (°F)** 77.5

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C Diesel Fuel **Volume of Oil(s) Spilled in Water (bbl)** 7,679 **Volume of Spilled Oil(s) Recovered (bbl)**

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use**

In-Situ Burning (Y/N) N **Description of Burning Use**

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 221

Date of Spill 1/9/77

Name/Type of Vessel New York

Time of Spill 0500

Responsible Party

Case No. 1 MP77902549

Source/Cause

Case No. 2

LOCATION

Location Description Tampa Bay, FL

Latitude 27° 56' N

U.S. State Florida

USCG District 7

Longitude 82° 23' W

Water Body Impacted Tampa Bay

Water Depth (ft) 2

Distance Offshore (nm) 0.05

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,929

Volume of Spilled Oil(s) Recovered (bbl) 1,333

Yaeger & Assoc., 1985 classification E

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 222

Date of Spill 3/20/77

Name/Type of Vessel Claude Conway

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Off of South Carolina, 150 miles southeast of Cape Fear, NC

Latitude 32° 45' N

U.S. State South Carolina

USCG District 7

Longitude 75° 25' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) deep

Distance Offshore (nm) 150

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction E

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker Fuel

Volume of Oil(s) Spilled in Water (bbl) 14,660

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 224

Date of Spill 12/19/78

Name/Type of Vessel Peck Slip

Time of Spill 0600

Responsible Party Sun Oil Company

Case No. 1 MP78907806

Source/Cause Grounding of tanker

Case No. 2

LOCATION

Location Description Playa de Fajardo, Puerto Rico - northeast coast. Impacts included areas from Fajardo to the U.S. Navy Reserve

Latitude 18° 15' N

U.S. State Puerto Rico

USCG District 7

Longitude 65° 34' W

Water Body Impacted Caribbean Sea

Water Depth (ft) 24

Distance Offshore (nm) 0.16

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Unusually heavy seas

Wind Speed (kt) 9

Wind Direction E-NE

Air Temp. (°F) 83

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C

Volume of Oil(s) Spilled in Water (bbl) 10,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 225

Date of Spill 4/20/79

Name/Type of Vessel Tanker

Time of Spill 2000

Responsible Party

Case No. 1 MP79903040

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 18° 28' N

U.S. State Puerto Rico

USCG District 7

Longitude 66° 08' W

Water Body Impacted Las Cabritas Bajo Colnas

Water Depth (ft) 17

Distance Offshore (nm) 0.18

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 9

Wind Direction E-NE

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,142.86

Volume of Spilled Oil(s) Recovered (bbl) 579

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 226

Date of Spill 6/16/79

Name/Type of Vessel Naval

Time of Spill 2300

Responsible Party

Case No. 1 MP79908221

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 32° 00' N

U.S. State Georgia

USCG District 7

Longitude 81° 00' w

Water Body Impacted Wilmington River

Water Depth (ft) 28

Distance Offshore (nm) 0.12

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled Transformer

Volume of Oil(s) Spilled in Water (bbl) 8,928.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 227

Date of Spill 1/17/80

Name/Type of Vessel New York

Time of Spill 0300

Responsible Party

Case No. 1 MP80902012

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Off Fort Lauderdale, FL

Latitude 26° 08' N

U.S. State Florida

USCG District 7

Longitude 80° 08' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline, Aviation Gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,643

Volume of Spilled Oil(s) Recovered (bbl) 14

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 228

Date of Spill 11/25/82

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP82906105

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 32° 05' N

U.S. State Georgia

USCG District 7

Longitude 81° 09' W

Water Body Impacted Savannah River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled Transformer

Volume of Oil(s) Spilled in Water (bbl) 8,571.43

Volume of Spilled Oil(s) Recovered (bbl) 8,333

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 229

Date of Spill 5/4/84

Name/Type of Vessel Tanker

Time of Spill 0900

Responsible Party

Case No. 1 MP84906590

Source/Cause

Case No. 2

LOCATION

Location Description Tampa Bay, FL

Latitude 27° 49' N

U.S. State Florida

USCG District 7

Longitude 82° 25' W

Water Body Impacted Tampa Bay

Water Depth (ft) 5

Distance Offshore (nm) 0.65

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel No. 1

Volume of Oil(s) Spilled in Water (bbl) 1,890

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 230

Date of Spill 2/7/86

Name/Type of Vessel Saint Thomas

Time of Spill

Responsible Party

Case No. 1

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Crown Bay, St. Thomas, USVI

Latitude 18° 20' N

U.S. State USVI

USCG District 7

Longitude 65° 00' W

Water Body Impacted Crown Bay

Water Depth (ft) 96

Distance Offshore (nm) 0.55

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled #5 Medium Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 232

Date of Spill 12/04/86 **Name/Type of Vessel** Amazon Venture

Time of Spill 2330 **Responsible Party**

Case No. 1 MP86009300 **Source/Cause** Offloading operations of tanker

Case No. 2

LOCATION

Location Description Savannah River. The slick was transported by tidal currents and wind over 100 km, with slicks observed in Savannah wildlife refuoee into middle and Back Rivers and downstream to Elba Island Cut

Latitude 32° 30' N **U.S. State** Georgia **USCG District** 7

Longitude 81° 00' W **Water Body Impacted** Savannah River

Water Depth (ft) shallow **Distance Offshore (nm)** onshore **Distance from Receptor (nm)** <0.25

WEATHER CONDITIONS

Weather Description Northeast wind the first few days of the spill resulted in heavy oiling of Georgia coast

Wind Speed (kt) 5 **Wind Direction** NW **Air Temp. (°F)** 46

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Heating Oil **Volume of Oil(s) Spilled in Water (bbl)** 11,904.76 **Volume of Spilled Oil(s) Recovered (bbl)**

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N **Description of Dispersant Use** Not considered due to sensitivity of area

In-Situ Burning (Y/N) N **Description of Burning Use**

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 234

Date of Spill 9/5/88

Name/Type of Vessel Exxon Barge 503

Time of Spill

Responsible Party

Case No. 1 MP88006300

Source/Cause Manifold rupture

Case No. 2

LOCATION

Location Description Gulf of Mexico off of Tampa, FL

Latitude 29° 00' N

U.S. State Florida

USCG District 8

Longitude 87° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 D Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 3004

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Environmental Protection Agency Emergency Response Notification System.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 235

Date of Spill 9/18/89

Name/Type of Vessel Tanker

Time of Spill

Responsible Party

Case No. 1 MP89008082

Source/Cause

Case No. 2 MP89008089

LOCATION

Location Description Near St. Croix.

Latitude 17° 45' N

U.S. State US Virgin Islands

USCG District 7

Longitude 64° 42' W

Water Body Impacted Caribbean Sea

Water Depth (ft) 15

Distance Offshore (nm) 0.3

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl) 2,400

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 236

Date of Spill 8/24/92

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Storage tank

Case No. 2

LOCATION

Location Description Turkey Point on Biscayne Bay, FL

Latitude 25° 47' N

U.S. State Florida

USCG District 7

Longitude 80° 08' W

Water Body Impacted Biscayne Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.06

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 60

Wind Direction S

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

Environmental Protection Agency Emergency Response Notification System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 237

Date of Spill 10/1/92

Name/Type of Vessel Roatan Express

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico, 80 miles west of Ft. Meyers FL

Latitude 22° 00' N

U.S. State Florida

USCG District 7

Longitude 84° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) 80

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 81

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel Fuel, Lube Oil

Volume of Oil(s) Spilled in Water (bbl) 3,450

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 238

Date of Spill 8/10/93

Name/Type of Vessel Ocean 255

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Entrance to channel leading to Tampa Bay, FL

Latitude 27° 40 N

U.S. State Florida

USCG District 7

Longitude 82° 45' W

Water Body Impacted Tampa Bay

Water Depth (ft) 5

Distance Offshore (nm) 0.42

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction S

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 230,952

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 239

Date of Spill 8/10/93

Name/Type of Vessel B No. 155

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Entrance to Channel leading to Tampa Bay, FL

Latitude 27° 45' N

U.S. State Florida

USCG District 7

Longitude 82° 35' W

Water Body Impacted Tampa Bay

Water Depth (ft) 1

Distance Offshore (nm) 0.10

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 7,833

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 240

Date of Spill 1/7/94

Name/Type of Vessel Morris J. Bermam

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description About 1,000 feet off Punta Escambron, San Juan, Puerto Rico

Latitude 18° 00' N

U.S. State Puerto Rico

USCG District 7

Longitude 67° 00' W

Water Body Impacted Atlantic Ocean

Water Depth (ft) 2

Distance Offshore (nm) 0.13

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Heavy No. 6 Heating

Volume of Oil(s) Spilled in Water (bbl) 17,857

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 242

Date of Spill 7/16/75

Name/Type of Vessel Pera (lorenzo Halcoussi?)

Time of Spill 0400

Responsible Party

Case No. 1 MP75900590

Source/Cause

Case No. 2

LOCATION

Location Description Los Angeles Harbor, CA

Latitude 33° 43' N

U.S. State California

USCG District 11

Longitude 118° 16' W

Water Body Impacted Los Angeles Harbor

Water Depth (ft) 45

Distance Offshore (nm) 0.32

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl) 2,000

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 243

Date of Spill 4/12/79

Name/Type of Vessel Crowley Maritime 101

Time of Spill 0400

Responsible Party

Case No. 1 MP79902372

Source/Cause

Case No. 2

LOCATION

Location Description San Francisco Bay

Latitude 37° 49' N

U.S. State California

USCG District 11

Longitude 122° 22' W

Water Body Impacted San Francisco Bay

Water Depth (ft) 21

Distance Offshore (nm) 0.07

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 48

OIL(S) SPILLED

Type of Oil(s) Spilled High Octane Gas

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 244

Date of Spill 2/23/80

Name/Type of Vessel Naval

Time of Spill 1700

Responsible Party

Case No. 1 MP80910600

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 33° 23' N

U.S. State California

USCG District 11

Longitude 117° 38' W

Water Body Impacted Gulf of Santa Catalina

Water Depth (ft) 108

Distance Offshore (nm) 1.76

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 60

OIL(S) SPILLED

Type of Oil(s) Spilled JP 5 Jet Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 245

Date of Spill 1/3/83

Name/Type of Vessel Passenger

Time of Spill 1500

Responsible Party

Case No. 1 MP83911557

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 34° 40' N

U.S. State California

USCG District 11

Longitude 120° 50' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 510

Distance Offshore (nm) 11.07

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 6

Wind Direction NE

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled Transformer

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 247

Date of Spill 5/2/84

Name/Type of Vessel Offshore 2403

Time of Spill 1000

Responsible Party

Case No. 1 MP84900874

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 32° 27' N

U.S. State California

USCG District 11

Longitude 122° 02' W

Water Body Impacted Pacific Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 60

OIL(S) SPILLED

Type of Oil(s) Spilled JP-5 Jet Fuel Kerosene

Volume of Oil(s) Spilled in Water (bbl) 2,792 or 20,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 248

Date of Spill 10/31/84

Name/Type of Vessel Puerto Rican

Time of Spill 0324

Responsible Party Keystone Shipping Co.

Case No. 1 MP84900272

Source/Cause Explosion

Case No. 2

LOCATION

Location Description Outside the San Francisco Bay Entrance Channel

Latitude 37° 30' N

U.S. State California

USCG District 11

Longitude 123° 02' W

Water Body Impacted San Francisco Bay

Water Depth (ft) 2200

Distance Offshore (nm) 25.06

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Several days following the explosion, the weather worsened with seas as high as 16 feet and wind up to 35 kt

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 50

OIL(S) SPILLED

Type of Oil(s) Spilled Lube, Lube Additives, Bunker Fuel

Volume of Oil(s) Spilled in Water (bbl) 38,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y

Description of Dispersant Use 1,958 gallons of dispersant to 413 acres - results inconclusive

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 249

Date of Spill 3/2/85

Name/Type of Vessel Tug boat

Time of Spill 1500

Responsible Party

Case No. 1 MP85900158

Source/Cause

Case No. 2

LOCATION

Location Description Pacific Ocean, off CA

Latitude 38° 46' N

U.S. State California

USCG District 11

Longitude 124° 45' W

Water Body Impacted Pacific Ocean

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction N

Air Temp. (°F) 47

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 fuel

Volume of Oil(s) Spilled in Water (bbl) 1,429

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2I

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 250

Date of Spill 9/21/87

Name/Type of Vessel Pac Baroness

Time of Spill 0600

Responsible Party

Case No. 1 MP87006854

Source/Cause Collision

Case No. 2

LOCATION

Location Description 12 miles southwest of Point Conception, CA

Latitude 34° 21' N

U.S. State California

USCG District 11

Longitude 120° 45' W

Water Body Impacted Santa Barbara Channel

Water Depth (ft) 1716

Distance Offshore (nm) 15.34

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Foggy, high sea conditions. Currents were from the NW at 3-4 kts

Wind Speed (kt) 12

Wind Direction N-NW

Air Temp. (°F) 62

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker Fuel, Lube, Hydraulic

Volume of Oil(s) Spilled in Water (bbl) 9,200

Volume of Spilled Oil(s) Recovered (bbl) 350

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) Y

Description of Dispersant Use 3 dispersant trials - reports on effectiveness varied

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 251

Date of Spill 8/1/91

Name/Type of Vessel Passenger

Time of Spill

Responsible Party

Case No. 1 MP91007925

Source/Cause

Case No. 2

LOCATION

Location Description Near Point Montara.

Latitude 37° 30' N

U.S. State California

USCG District 11

Longitude 122° 31' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 55

Distance Offshore (nm) 0.57

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 56

OIL(S) SPILLED

Type of Oil(s) Spilled NSX

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 252

Date of Spill 9/13/84

Name/Type of Vessel USS Wichita

Time of Spill 2100

Responsible Party

Case No. 1 MP84911843

Source/Cause Personnel error

Case No. 2

LOCATION

Location-Description 130 km west of Point Reyes, CA

Latitude 38° 05' N

U.S. State California

USCG District 11

Longitude 112° 58' W

Water Body Impacted Pacific Ocean

Water Depth (ft) deep

Distance Offshore (nm) 70

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 48

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,905

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 253

Date of Spill 8/14/83

Name/Type of Vessel Naval

Time of Spill 0400

Responsible Party

Case No. 1 MP83912406

Source/Cause

Case No. 2

LOCATION

Location Description South of Edmonds, WA.

Latitude 47° 46' N

U.S. State Washington

USCG District 13

Longitude 122° 22' W

Water Body Impacted Puget Sound

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 58

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,019

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 254

Date of Spill 11/19/83

Name/Type of Vessel Blue Magpie

Time of Spill 0400

Responsible Party

Case No. 1 MP83900159

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Near Newport, OR

Latitude 44° 37' N

U.S. State Oregon

USCG District 13

Longitude 124° 05' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 37

Distance Offshore (nm) 0.69

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Heavy weather

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,786

Volume of Spilled Oil(s) Recovered (bbl) 202

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 255

Date of Spill 2/16/84

Name/Type of Vessel Hoegh Mascot

Time of Spill 0400

Responsible Party

Case No. 1 MP84900142

Source/Cause

Case No. 2

LOCATION

Location Description Outside Coos Bay, OR

Latitude 43° 20' N

U.S. State Oregon

USCG District 13

Longitude 124° 20' W

Water Body Impacted Coos Bay

Water Depth (ft) 1

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 38

OIL(S) SPILLED

Type of Oil(s) Spilled Clarified

Volume of Oil(s) Spilled in Water (bbl) 16,667

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 256

Date of Spill	3/19/84	Name/Type of Vessel	Mobiloil US-31, 760
Time of Spill	0005	Responsible Party	Mobil Oil
Case No. 1	MP84900700	Source/Cause	Grounding of tanker
Case No. 2			

LOCATION

Location Description: Columbia River near Kalama. 10 miles downstream from Portland, OR. Impacts included Kalama marina protective breakwater. and Cottonwood Island. Tarballs impacted portions of Washington coastline

Latitude	45° 51' N	U.S. State	Oregon	USCG District	13
Longitude	122° 47' W	Water Body Impacted	Columbia River		
Water Depth (ft)	32	Distance Offshore (nm)	0.21	Distance from Receptor (nm)	<0.25

WEATHER CONDITIONS

Weather Description: River current velocities 1.5 - 3 kts

Wind Speed (kt)	calm	Wind Direction		Air Temp. (°F)	48

OIL(S) SPILLED

Type of Oil(s) Spilled	No. 6 fuel Heavy residual Industrial fuel	Volume of Oil(s) Spilled in Water (bbl)	3,925	Volume of Spilled Oil(s) Recovered (bbl)	
Yaeger & Assoc., 1985 classification	4				

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)	N	Description of Dispersant Use	
In-Situ Burning (Y/N)	N	Description of Burning Use	

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Gundlach, E.R. et al. 1993. Evaluation of Marine Post-spill Sites for Long-term Recovery Studies.

NOAA. 1992. OilSpill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 257

Date of Spill 1/31/88

Name/Type of Vessel MCN-5

Time of Spill 0330

Responsible Party Olympic Tug & Barge Co.

Case No. 1 MP88001511

Source/Cause Sinking of barge

Case No. 2

LOCATION

Location Description Fidalgo Head, near Shannon Point, WA

Latitude 48° 31' N

U.S. State Washington

USCG District 13

Longitude 122° 42' W

Water Body Impacted Guemes Channel

Water Depth (ft) 162

Distance Offshore (nm) 0.82

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NE

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled Heavy Cycle Gas, Intermed. Fuel, Marine Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,604

Volume of Spilled Oil(s) Recovered (bbl) 30

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

Environmental Protection Agency Emergency Response Notification System.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 258

Date of Spill 12/23/88 | **Name/Type of Vessel** Nestucca

Time of Spill 0030 | **Responsible Party** Sause Brothers Ocean Tow

Case No. 1 MP89000186 | **Source/Cause** Collision

Case No. 2

LOCATION

Location Description 3 km off coast of WA near Grays Harbor

Latitude 46° 55' N | **U.S. State** Washington | **USCG District** 13

Longitude 124° 15' W | **Water Body Impacted** Pacific Ocean

Water Depth (ft) 48 | **Distance Offshore (nm)** 2.74 | **Distance from Receptor (nm)** >1; <3

WEATHER CONDITIONS

Weather Description Overcast moonlight night with 6-10 foot swells

Wind Speed (kt) 5 | **Wind Direction** SW | **Air Temp. (°F)** 40

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C | **Volume of Oil(s) Spilled in Water (bbl)** 5,500 | **Volume of Spilled Oil(s) Recovered (bbl)** 2,500

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N | **Description of Dispersant Use**

In-Situ Burning (Y/N) Y | **Description of Burning Use** Naplam used to burn oil off contaminated rocks -did not burn enough of the oil during the test

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 259

Date of Spill 7/22/91

Name/Type of Vessel Tenyo Maru

Time of Spill 0815

Responsible Party

Case No. 1 MP910074116

Source/Cause Collision

Case No. 2

LOCATION

Location Description Pacific Ocean approximately 20 miles west of Cape Flattery, WA and 20 miles south of Vancouver Island, BC

Latitude 48° 28' N

U.S. State Washington

USCG District 13

Longitude 125° 18' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 480

Distance Offshore (nm) 16.42

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description Conflicting weather reports at time of incident - clear or foggy

Wind Speed (kt) 10

Wind Direction NE

Air Temp. (°F) 60

OIL(S) SPILLED

Type of Oil(s) Spilled Intermediate fuel Diesel Lube; Bilge; Fish

Volume of Oil(s) Spilled in Water (bbl) 3,190.48

Volume of Spilled Oil(s) Recovered (bbl) 928

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 260

Date of Spill 1/19/73

Name/Type of Vessel Barge

Time of Spill

Responsible Party

Case No. 1 MP73905228

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 30° 25' N

U.S. State Alabama

USCG District 8

Longitude 88° 00' W

Water Body Impacted Mobile Bay

Water Depth (ft) 10

Distance Offshore (nm) 4.47

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,536.43

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 261

Date of Spill 3/6/73

Name/Type of Vessel Barge

Time of Spill

Responsible Party

Case No. 1 MP73907290

Source/Cause

Case No. 2

LOCATION

Location Description Near Galveston, TX

Latitude 29° 17' N

U.S. State Texas

USCG District 8

Longitude 94° 48' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 5

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 66

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline Aviation Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,166.67

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 263

Date of Spill 1/10/74

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP74910528

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 59' N

U.S. State Louisiana

USCG District 8

Longitude 90° 15' W

Water Body Impacted Mississippi River

Water Depth (ft) 77

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description Thinning fog

Wind Speed (kt) 10

Wind Direction S-SE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,857.14

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 266

Date of Spill 7/8/74

Name/Type of Vessel TM-10

Time of Spill 2200

Responsible Party

Case No. 1 MP74909675

Source/Cause

Case No. 2

LOCATION

Location Description Off of Galveston, TX

Latitude 29° 37' N

U.S. State Texas

USCG District 8

Longitude 95° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 3

Distance Offshore (nm) 0.11

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 9,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 267

Date of Spill 7/21/74

Name/Type of Vessel O N 541952

Time of Spill

Responsible Party

Case No. 1 MP74907624

Source/Cause

Case No. 2

LOCATION

Location Description Off of Port Arthur, TX

Latitude 29° 50' N

U.S. State Texas

USCG District 8

Longitude 93° 57' W

Water Body Impacted Port Arthud Canal

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 271

Date of Spill 10/16/75

Name/Type of Vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP75909808

Source/Cause Oil Recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 39' N

U.S. State Louisiana

USCG District 8

Longitude 92° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 8

Distance Offshore (nm) 1.92

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 25

Wind Direction NE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Clarified

Volume of Oil(s) Spilled in Water (bbl) 60,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 272

Date of Spill 1/14/76

Name/Type of Vessel

Time of Spill 2300

Responsible Party

Case No. 1 MP76910893

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 59' N

U.S. State Texas

USCG District 8

Longitude 93° 53' W

Water Body Impacted Neches River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 34

OIL(S) SPILLED

Type of Oil(s) Spilled Rosin

Volume of Oil(s) Spilled in Water (bbl) 1,100

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 273

Date of Spill 5/4/76

Name/Type of Vessel National Marine Service 3105

Time of Spill 0300

Responsible Party

Case No. 1 MP76902606

Source/Cause

Case No. 2

LOCATION

Location Description Galveston Bay, TX

Latitude 29° 30' N

U.S. State Texas

USCG District 8

Longitude 94° 53' W

Water Body Impacted Galveston Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.14

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C Fuel No. 6

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 275

Date of Spill 1/27/77

Name/Type of Vessel Exxon 119

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico, TX

Latitude 28° 00' N

U.S. State Texas

USCG District 8

Longitude 97° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 61

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 3,665

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 276

Date of Spill 5/9/77

Name/Type of Vessel Passenger

Time of Spill 0900

Responsible Party

Case No. 1 MP77911946

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 30° 14' N

U.S. State Alabama

USCG District 8

Longitude 87° 40' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 25

Distance Offshore (nm) 0.9

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 66

OIL(S) SPILLED

Type of Oil(s) Spilled Asphalt

Volume of Oil(s) Spilled in Water (bbl) 1,202.38

Volume of Spilled Oil(s) Recovered (bbl) 1,202.38

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 277

Date of Spill 6/7/77

Name/Type of Vessel Naval

Time of Spill 1200

Responsible Party

Case No. 1 MP77911359

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 27° 49' N

U.S. State Texas

USCG District 8

Longitude 97° 26' W

Water Body Impacted Corpus Christi Bay

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 85

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,200

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 279

Date of Spill 10/31/77

Name/Type of Vessel STCO-213

Time of Spill 0400

Responsible Party

Case No. 1 MP77902598

Source/Cause

Case No. 2

LOCATION

Location Description Galveston Bay

Latitude 29° 21' N

U.S. State Texas

USCG District 8

Longitude 94° 48' W

Water Body Impacted Galveston Bay

Water Depth (ft) 8

Distance Offshore (nm) 0.20

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl) 714

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 280

Date of Spill 11/26/77

Name/Type of Vessel Texas ON 523761

Time of Spill 0300

Responsible Party

Case No. 1 MP77902538

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River Mile 95.4 near New Orleans

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 03' W

Water Body Impacted Mississippi River

Water Depth (ft) 68

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 48

OIL(S) SPILLED

Type of Oil(s) Spilled Nos. 2 and 4 Furnace

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 281

Date of Spill 12/7/77

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP77911069

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 07' N

U.S. State Louisiana

USCG District 8

Longitude 90° 59' W

Water Body Impacted Mississippi River

Water Depth (ft) 27

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Transformer

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 282

Date of Spill 1/23/78

Name/Type of Vessel Bayou Willow

Time of Spill 1000

Responsible Party

Case No. 1 MP78901728

Source/Cause Collision

Case No. 2

LOCATION

Location Description Galveston Bay, TX

Latitude 29° 30' N

U.S. State Texas

USCG District 8

Longitude 94° 52' W

Water Body Impacted Galveston Bay

Water Depth (ft) 10

Distance Offshore (nm) 0.67

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,200

Volume of Spilled Oil(s) Recovered (bbl) 800

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 283

Date of Spill 1/31/78

Name/Type of Vessel Domar 6501

Time of Spill 0400

Responsible Party

Case No. 1 MP78903028

Source/Cause Collision

Case No. 2

LOCATION

Location Description near Point Au Fer, LA

Latitude 29° 14' N

U.S. State Louisiana

USCG District 8

Longitude 91° 30' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 15

Distance Offshore (nm) 9.57

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled Crude or No. 6 Fuel oil

Volume of Oil(s) Spilled in Water (bbl) 6,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 285

Date of Spill 2/26/78

Name/Type of Vessel Commercial vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP78902047

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 43' N

U.S. State Texas

USCG District 8

Longitude 93° 52' W

Water Body Impacted Sabine Pass

Water Depth (ft) 26

Distance Offshore (nm) 0.15

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NE

Air Temp. (°F) 52

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 286

Date of Spill 3/30/78

Name/Type of Vessel Mary

Time of Spill 1300

Responsible Party

Case No. 1 MP8902673

Source/Cause Ramming

Case No. 2

LOCATION

Location Description Mississippi River mile 118.6 near New Orleans

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 03' W

Water Body Impacted Mississippi River

Water Depth (ft) 68

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 66

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 287

Date of Spill 5/26/78

Name/Type of Vessel Rollnes

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Near Mobile, Alabama

Latitude 30° 40' N

U.S. State Alabama

USCG District 8

Longitude 88° 05' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,023

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 288

Date of Spill 8/20/78

Name/Type of Vessel Idan

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico off the coast of Louisiana

Latitude 27° 46' N

U.S. State Louisiana

USCG District 8

Longitude 92° 19' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 1590

Distance Offshore (nm) 104.57

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 73

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,330

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 289

Date of Spill 1/11/79

Name/Type of Vessel Trade Nomad

Time of Spill 0100

Responsible Party

Case No. 1 MP79900600

Source/Cause Collision

Case No. 2

LOCATION

Location Description White Castle, LA

Latitude 30° 10' N

U.S. State Louisiana

USCG District 8

Longitude 91° 11' W

Water Body Impacted Mississippi River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 37

OIL(S) SPILLED

Type of Oil(s) Spilled Carbon black feedstock

Volume of Oil(s) Spilled in Water (bbl) 1,810

Volume of Spilled Oil(s) Recovered (bbl) 18

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 290

Date of Spill 2/6/79

Name/Type of Vessel Amoco Cremona

Time of Spill 1000

Responsible Party

Case No. 1 MP79900299

Source/Cause Ramming piling

Case No. 2

LOCATION

Location Description Texas City, TX

Latitude 29° 22' N

U.S. State Texas

USCG District 8

Longitude 94° 53' W

Water Body Impacted Galveston Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.09

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 41

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,140

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 291

Date of Spill 2/16/79

Name/Type of Vessel R.E.B. 1902

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Berwick, LA

Latitude 29° 41' N

U.S. State Louisiana

USCG District 8

Longitude 91° 13' W

Water Body Impacted Atchafalaya River

Water Depth (ft) 72

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 43

OIL(S) SPILLED

Type of Oil(s) Spilled Carbon Black Feedstock

Volume of Oil(s) Spilled in Water (bbl) 1,904

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 293

Date of Spill 2/26/79

Name/Type of Vessel Gulfoil

Time of Spill 0900

Responsible Party

Case No. 1 MP79901861

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Port Arthur, TX

Latitude 29° 55' N

U.S. State Texas

USCG District 8

Longitude 93° 56' W

Water Body Impacted Port Arthur Canal

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 36

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline

Volume of Oil(s) Spilled in Water (bbl) 1,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 294

Date of Spill 3/17/79

Name/Type of Vessel STCO-228

Time of Spill 2300

Responsible Party

Case No. 1 MP79903057

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Texas City

Latitude 29° 22' N

U.S. State Texas

USCG District 8

Longitude 94° 51' W

Water Body Impacted Galveston Bay

Water Depth (ft) 6

Distance Offshore (nm) 0.77

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SE

Air Temp. (°F) 70

OIL(S) SPILLED

Type of Oil(s) Spilled Unleaded Gasoline Aviation Fuel

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl) 4

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 296

Date of Spill 4/18/79

Name/Type of Vessel M-608

Time of Spill

Responsible Party

Case No. 1

Source/Cause Ramming pier

Case No. 2

LOCATION

Location Description Mississippi River mile 107, near New Orleans

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 03' W

Water Body Impacted Mississippi River

Water Depth (ft) 68

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 64

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,700

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 297

Date of Spill 11/24/79

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP79910064

Source/Cause Collision at Platform

Case No. 2

LOCATION

Location Description Main Pass 151

Latitude 88° 52' N

U.S. State Louisiana

USCG District 8

Longitude 29° 08' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) deep

Distance Offshore (nm) offshore

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 298

Date of Spill 12/12/79

Name/Type of Vessel Passenger

Time of Spill 1200

Responsible Party

Case No. 1 MP79910142

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 10' N

U.S. State Louisiana

USCG District 8

Longitude 89° 14' W

Water Body Impacted Mississippi River

Water Depth (ft) 39

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 71

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,144.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 299

Date of Spill 2/23/80

Name/Type of Vessel Ocean Cities

Time of Spill 0500

Responsible Party

Case No. 1 MP80902125

Source/Cause Collision

Case No. 2

LOCATION

Location Description Gulf of Mexico off of Louisiana

Latitude 27° 17' N

U.S. State Louisiana

USCG District 8

Longitude 92° 40' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 2940

Distance Offshore (nm) 140.08

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 57

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 301

Date of Spill 4/29/80

Name/Type of Vessel STCO 227

Time of Spill 1500

Responsible Party

Case No. 1 MP80902459

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Baytown, TX

Latitude 29° 43' N

U.S. State Texas

USCG District 8

Longitude 95° 01' W

Water Body Impacted Houston Ship Channel

Water Depth (ft) 24

Distance Offshore (nm) 0.12

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 66

OIL(S) SPILLED

Type of Oil(s) Spilled Cut. Feedstock Range

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 302

Date of Spill 7/26/80

Name/Type of Vessel Exxon Houston

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Southwest Pass, mouth of Mississippi River, Gulf of Mexico

Latitude 29° 00' N

U.S. State Texas

USCG District 8

Longitude 89° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 222

Distance Offshore (nm) 4.57

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 79

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Heating Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,857

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 304

Date of Spill 8/21/80

Name/Type of Vessel Texaco North Dakota

Time of Spill

Responsible Party Texaco

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description 100 miles south of Morgan City, LA

Latitude 28° 04' N

U.S. State Louisiana

USCG District 8

Longitude 91° 39' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 354

Distance Offshore (nm) 76

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 81

OIL(S) SPILLED

Type of Oil(s) Spilled Raffinate/Gasoline

Volume of Oil(s) Spilled in Water (bbl) 18,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 305

Date of Spill 12/24/80

Name/Type of Vessel TT-7002

Time of Spill 0600

Responsible Party

Case No. 1 MP80902221

Source/Cause

Case No. 2

LOCATION

Location Description Off of Beaumont, TX

Latitude 30° 02' N

U.S. State Texas

USCG District 8

Longitude 94° 02' W

Water Body Impacted Neches River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Cracked Gasoline Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,300

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 306

Date of Spill 1/4/81

Name/Type of Vessel Hannah 4001

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Near Galveston, TX

Latitude 29° 30' N

U.S. State Texas

USCG District 8

Longitude 93° 30' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 43

Distance Offshore (nm) 15.29

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NW

Air Temp. (°F) 45

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 29,320

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 307

Date of Spill 3/19/81

Name/Type of Vessel Apex Houston

Time of Spill 1900

Responsible Party

Case No. 1 MP81902255

Source/Cause Collision

Case No. 2

LOCATION

Location Description Near Pilottown, LA on lower Mississippi River mile 13

Latitude 29° 07' N

U.S. State Louisiana

USCG District 8

Longitude 89° 20' W

Water Body Impacted Mississippi River

Water Depth (ft) 39

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 46

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 25, 042

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 309

Date of Spill 6/23/82

Name/Type of Vessel

Time of Spill 0400

Responsible Party

Case No. 1 MP82907254

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90° 16' W

Water Body Impacted Mississippi River

Water Depth (ft) 83

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 74

OIL(S) SPILLED

Type of Oil(s) Spilled Kerosene

Volume of Oil(s) Spilled in Water (bbl) 2,400

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 310

Date of Spill 7/23/82

Name/Type of Vessel B 450-3

Time of Spill 1300

Responsible Party

Case No. 1 MP82901482

Source/Cause

Case No. 2

LOCATION

Location Description Near Lake Charles, LA

Latitude 30° 08' N

U.S. State Louisiana

USCG District 8

Longitude 93° 19' W

Water Body Impacted Calcasieu River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 83

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 311

Date of Spill 7/30/82

Name/Type of Vessel Scottish Lion

Time of Spill 1600

Responsible Party

Case No. 1 MP82901052

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River mile 80

Latitude 29° 45' N

U.S. State Louisiana

USCG District 8

Longitude 90° 30' W

Water Body Impacted Mississippi River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 83

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,276

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 312

Date of Spill 11/27/82

Name/Type of Vessel APT 150

Time of Spill 2000

Responsible Party

Case No. 1 MP82901190

Source/Cause Friction w/ adjacent barge

Case No. 2

LOCATION

Location Description Near Pascagoula, MS

Latitude 30° 15' N

U.S. State Mississippi

USCG District 8

Longitude 88° 25' W

Water Body Impacted Mississippi Sound

Water Depth (ft) 16

Distance Offshore (nm) 2.54

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) calm

Wind Direction

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled Naphtha

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 313

Date of Spill 3/10/83

Name/Type of Vessel Tugboat

Time of Spill 1600

Responsible Party Gulf Mississippi Towing

Case No. 1 MP83900789

Source/Cause Intentional discharge

Case No. 2

LOCATION

Location Description

Latitude 29° 07' N

U.S. State Louisiana

USCG District 8

Longitude 92° 30' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 72

Distance Offshore (nm) 26.16

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction W

Air Temp. (°F) 52

OIL(S) SPILLED

Type of Oil(s) Spilled Light diesel

Volume of Oil(s) Spilled in Water (bbl) 1,143

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 315

Date of Spill 8/22/83

Name/Type of Vessel Naval

Time of Spill 0900

Responsible Party

Case No. 1 MP83910708

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 30° 14' N

U.S. State Louisiana

USCG District 8

Longitude 93° 16' W

Water Body Impacted Calcasieu River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 77

OIL(S) SPILLED

Type of Oil(s) Spilled Absorption

Volume of Oil(s) Spilled in Water (bbl) 15,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 316

Date of Spill 12/25/83

Name/Type of Vessel 218 barge

Time of Spill 0300

Responsible Party

Case No. 1 MP83909395

Source/Cause Collision with grain barge

Case No. 2

LOCATION

Location Description near Donaldsonville, LA

Latitude 30° 05' N

U.S. State Louisiana

USCG District 8

Longitude 91° 00' W

Water Body Impacted Mississippi River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 15

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,500 or 25,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 317

Date of Spill 2/26/84

Name/Type of Vessel American Eagle

Time of Spill 1900

Responsible Party

Case No. 1 MP84900409

Source/Cause Tank rupture

Case No. 2

LOCATION

Location Description 180 miles southwest of New Orleans, LA

Latitude 27° 30' N

U.S. State Louisiana

USCG District 8

Longitude 90° 31' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 3690

Distance Offshore (nm) 97.08

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 55

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker Fuel Mineral Seal

Volume of Oil(s) Spilled in Water (bbl) 3,665 9,830

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 319

Date of Spill 12/16/84

Name/Type of Vessel Barge

Time of Spill 0900

Responsible Party

Case No. 1 MP84909752

Source/Cause

Case No. 2

LOCATION

Location Description Near Texas City.

Latitude 29° 22' N

U.S. State Texas

USCG District 8

Longitude 94° 53' W

Water Body Impacted Galveston Bay

Water Depth (ft) 9

Distance Offshore (nm) 0.09

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 65

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,452

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 320

Date of Spill 2/15/85

Name/Type of Vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP85906497

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 59' N

U.S. State Texas

USCG District 8

Longitude 93° 53' W

Water Body Impacted Neches River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 47

OIL(S) SPILLED

Type of Oil(s) Spilled Range of petroleum products

Volume of Oil(s) Spilled in Water (bbl) 30,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 321

Date of Spill 5/10/85

Name/Type of Vessel

Time of Spill 1200

Responsible Party

Case No. 1 MP85906593

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description Near Port Arthur, TX.

Latitude 29° 50' N

U.S. State Texas

USCG District 8

Longitude 93° 57' W

Water Body Impacted Port Arthur Canal

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction E

Air Temp. (°F) 75

OIL(S) SPILLED

Type of Oil(s) Spilled Resin

Volume of Oil(s) Spilled in Water (bbl) 1,087

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 323

Date of Spill 7/13/85

Name/Type of Vessel Barge

Time of Spill 1500

Responsible Party

Case No. 1 MP85906181

Source/Cause

Case No. 2

LOCATION

Location Description Near Baytown and Galveston

Latitude 29° 17' N

U.S. State Texas

USCG District 8

Longitude 94° 54' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 2

Distance Offshore (nm) 0.07

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 72

OIL(S) SPILLED

Type of Oil(s) Spilled Mineral Seal

Volume of Oil(s) Spilled in Water (bbl) 25,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 324

Date of Spill 8/17/85

Name/Type of Vessel RF-1001

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River near Chalmette, LA

Latitude 29° 55' N

U.S. State Louisiana

USCG District 8

Longitude 89° 55' W

Water Body Impacted Mississippi River

Water Depth (ft) 47

Distance Offshore (nm) 0.13

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SW

Air Temp. (°F) 78

OIL(S) SPILLED

Type of Oil(s) Spilled Slurry Oil Heavy No. 6

Volume of Oil(s) Spilled in Water (bbl) 9,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 325

Date of Spill 9/7/85

Name/Type of Vessel Naval

Time of Spill 0100

Responsible Party

Case No. 1 MP85906652

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 50' N

U.S. State Texas

USCG District 8

Longitude 93° 57' W

Water Body Impacted Port Arthur Canal

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction e

Air Temp. (°F) 88

OIL(S) SPILLED

Type of Oil(s) Spilled Aviation gasoline

Volume of Oil(s) Spilled in Water (bbl) 3,600

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 327

Date of Spill 1/10/88

Name/Type of Vessel Stolt Sea

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Mississippi River near Avondale, LA

Latitude 29° 50 N

U.S. State Louisiana

USCG District 8

Longitude 90° 10' W

Water Body Impacted Mississippi River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 32

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

Environmental Protection Agency Emergency Response Notification System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 328

Date of Spill 1/17/88

Name/Type of Vessel Domar 115

Time of Spill 0800

Responsible Party

Case No. 1 MP88000436

Source/Cause Collision

Case No. 2

LOCATION

Location Description Pascagoula, MS - Horn Island Pass off LA

Latitude 30° 12' N

U.S. State Mississippi

USCG District 8

Longitude 88° 33' W

Water Body Impacted Gulf of Mexico

Water Depth (ft) 33

Distance Offshore (nm) 1.89

Distance from Receptor (nm) >1; <3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction SW

Air Temp. (°F) 63

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive Gasoline

Volume of Oil(s) Spilled in Water (bbl) 7,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 1

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 329

Date of Spill 9/3/88

Name/Type of Vessel ESSO Puerto Rico

Time of Spill 0800

Responsible Party Exxon

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description River Mile 114 Mississippi River, LA

Latitude 29° 55' N

U.S. State Louisiana

USCG District 8

Longitude 90° 15' W

Water Body Impacted Mississippi River

Water Depth (ft) 28

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description River currents less than 1 kt

Wind Speed (kt) 5

Wind Direction S

Air Temp. (°F) 78

OIL(S) SPILLED

Type of Oil(s) Spilled Carbon black feedstock

Volume of Oil(s) Spilled in Water (bbl) 23,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 330

Date of Spill 12/14/88

Name/Type of Vessel USS Texas

Time of Spill 1000

Responsible Party

Case No. 1 MP88008327

Source/Cause Hull rupture

Case No. 2

LOCATION

Location Description Galveston, TX

Latitude 29° 19' N

U.S. State Texas

USCG District 8

Longitude 94° 47' W

Water Body Impacted Galveston Bay

Water Depth (ft) 8

Distance Offshore (nm) 0.03

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction NE

Air Temp. (°F) 39

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,095

Volume of Spilled Oil(s) Recovered (bbl) 1,095

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Environmental Protection Agency Emergency Response Notification System.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 331

Date of Spill 6/23/89

Name/Type of Vessel Coastal Towing Barge 2514

Time of Spill 1820

Responsible Party

Case No. 1 MP89005013

Source/Cause Collision

Case No. 2

LOCATION

Location Description Galveston Bay, Houston Ship Channel

Latitude 29° 43' N

U.S. State Texas

USCG District 8

Longitude 95° 01' W

Water Body Impacted Galveston Bay

Water Depth (ft) 24

Distance Offshore (nm) 0.12

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction N

Air Temp. (°F) 80

OIL(S) SPILLED

Type of Oil(s) Spilled Slurry No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 6,000

Volume of Spilled Oil(s) Recovered (bbl) 5,500

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Environmental Protection Agency Emergency Response Notification System.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 332

Date of Spill 1/25/90

Name/Type of Vessel Chotin 2881 and 2183X

Time of Spill 0400

Responsible Party

Case No. 1 MP90000835

Source/Cause Collision

Case No. 2

LOCATION

Location Description Mississippi River River Mile 104, New Orleans, LA

Latitude 30° 00' N

U.S. State Louisiana

USCG District 8

Longitude 90°03' W

Water Body Impacted Mississippi River

Water Depth (ft) 68

Distance Offshore (nm) nearshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction NW

Air Temp. (°F) 60

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,185

Volume of Spilled Oil(s) Recovered (bbl) 5

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 333

Date of Spill 4/22/90

Name/Type of Vessel MGM 2001

Time of Spill 0145

Responsible Party

Case No. 1 MP90004051

Source/Cause Crack in tank

Case No. 2 MP90010990

LOCATION

Location Description Colorado River, Way Energy Dock, Texas City, TX

Latitude 28° 51' N

U.S. State Texas

USCG District 8

Longitude 96° 19' W

Water Body Impacted Colorado River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 5

Wind Direction SE

Air Temp. (°F) 68

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,286

Volume of Spilled Oil(s) Recovered (bbl) 1,046

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 334

Date of Spill 7/28/90

Name/Type of Vessel Apex barges 3417 and 3503

Time of Spill 1430

Responsible Party Apex Towing Co., Inc.

Case No. 1 MP90007763

Source/Cause Collision of 3 cargo tankers

Case No. 2

LOCATION

Location Description Collision occurred in Houston Ship Channel near buoy 58 in Galveston, TX

Latitude 29° 29.9'N

U.S. State TX

USCG District 8

Longitude 94° 52.2'W

Water Body Impacted Houston Ship Channel

Water Depth (ft) 9

Distance Offshore (nm) 0.60

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description Oil moved to the north, south, and west based on tides and wind

Wind Speed (kt) 5

Wind Direction N

Air Temp. (°F) 84

OIL(S) SPILLED

Type of Oil(s) Spilled No. 5 (Vacuum Oil and Catalytic Feed Stock)

Volume of Oil(s) Spilled in Water (bbl) 16,476

Volume of Spilled Oil(s) Recovered (bbl) 8,164

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

NOAA. 1992. Oil Spill Case Histories: 1967-1991.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 337

Date of Spill 4/9/93

Name/Type of Vessel IB-2629

Time of Spill

Responsible Party

Case No. 1

Source/Cause Hit bridge

Case No. 2

LOCATION

Location Description Mississippi River near Donaldsonville, LA

Latitude 30° 05' N

U.S. State Louisiana

USCG District 8

Longitude 90° 58' W

Water Body Impacted Mississippi River

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 10

Wind Direction W

Air Temp. (°F) 53

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 5,500

Volume of Spilled Oil(s) Recovered (bbl) 310

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 339

Date of Spill 1/14/89

Name/Type of Vessel Barge No. 115

Time of Spill 2000

Responsible Party

Case No. 1 MP89000303

Source/Cause

Case No. 2

LOCATION

Location Description Off New Haven, CT

Latitude 41° 15' N

U.S. State Connecticut

USCG District 1

Longitude 72° 55' W

Water Body Impacted Long Island Sound

Water Depth (ft) 18

Distance Offshore (nm) 0.58

Distance from Receptor (nm) >0.25; <1

WEATHER CONDITIONS

Weather Description

Wind Speed (kt) 20

Wind Direction S-SE

Air Temp. (°F) 43

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,200

Volume of Spilled Oil(s) Recovered (bbl) 1,000

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 344

Date of Spill 10/29/84

Name/Type of Vessel USS Roanoke

Time of Spill

Responsible Party

Case No. 1

Source/Cause Grounding

Case No. 2

LOCATION

Location Description Entrance to Pearl Harbor, Hawaii

Latitude 21° 22' N

U.S. State Hawaii

USCG District 14

Longitude 158° 00' W

Water Body Impacted Pacific Ocean

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled JP-5 Naval Fuel Kerosene

Volume of Oil(s) Spilled in Water (bbl) 8,917

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 346

Date of Spill 2/10/86

Name/Type of Vessel Ship

Time of Spill 2110

Responsible Party

Case No. 1 MP86001242

Source/Cause Hull rupture

Case No. 2

LOCATION

Location Description North Pacific Ocean, Pearl Harbor, HI

Latitude 20° 25' N

U.S. State Hawaii

USCG District 14

Longitude 158° 45' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 13,644

Distance Offshore (nm) 60.87

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,333

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 347

Date of Spill 1/20/87

Name/Type of Vessel Hana

Time of Spill 0700

Responsible Party

Case No. 1 MP87000506

Source/Cause

Case No. 2

LOCATION

Location Description Honolulu between Oahu and Molokai, HI

Latitude 21° 07' N

U.S. State Hawaii

USCG District 14

Longitude 157° 27' W

Water Body Impacted Pacific Ocean

Water Depth (ft) 180

Distance Offshore (nm) 8.93

Distance from Receptor (nm) >3

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl) 833

Yaeger & Assoc., 1985 classification 4

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. 348

Date of Spill 5/13/87

Name/Type of Vessel Naval

Time of Spill 0700

Responsible Party

Case No. 1 MP97003239

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 21° 24' N

U.S. State Hawaii

USCG District 14

Longitude 157° 59' W

Water Body Impacted Kaiwi Channel

Water Depth (ft) shallow

Distance Offshore (nm) onshore

Distance from Receptor (nm) <0.25

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled JP 5 Jet Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,023

Volume of Spilled Oil(s) Recovered (bbl) 2,380.95

Yaeger & Assoc., 1985 classification 2L

COUNTERMEASURES EMPLOYED

Dispersants (Y/N) N

Description of Dispersant Use

In-Situ Burning (Y/N) N

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

Environmental Protection Agenct Emergency Response Notification System.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/5/73

Name/Type of Vessel Barge

Time of Spill 0400

Responsible Party

Case No. 1 MP73900410

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 12,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/10/73

Name/Type of Vessel Industrial vessel

Time of Spill

Responsible Party

Case No. 1 MP73905048

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Gulf of Mexico (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 9,552

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/15/73

Name/Type of Vessel Passenger vessel

Time of Spill

Responsible Party

Case No. 1 MP73905128

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,976.19

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/16/73

Name/Type of Vessel Industrial vessel

Time of Spill

Responsible Party

Case No. 1 MP73905141

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/31/73

Name/Type of Vessel Barge

Time of Spill 1400

Responsible Party

Case No. 1 MP73905343

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Diesel

Volume of Oil(s) Spilled in Water (bbl) 2,857.14

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/4/73

Name/Type of Vessel Industrial vessel

Time of Spill

Responsible Party

Case No. 1 MP73905396

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted Gulf of Mexico (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/26/73

Name/Type of Vessel George T. Tilton

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description At pier in New York

Latitude

U.S. State New York

USCG District 1

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 5,864

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/28/73

Name/Type of Vessel Passenger vessel

Time of Spill

Responsible Party

Case No. 1 MP73905586

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 3,400

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/25/73

Name/Type of Vessel

Time of Spill 0600

Responsible Party

Case No. 1 MP73905873

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Gulf of Mexico (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 24,000

Volume of Spilled Oil(s) Recovered (bbl) 20,500

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/3/73

Name/Type of Vessel Passenger vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP73912161

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Washington

USCG District 13

Longitude

Water Body Impacted Pacific Ocean (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/19/73

Name/Type of Vessel

Time of Spill 0700

Responsible Party

Case No. 1 MP73910511

Source/Cause Oil Recovery

Case No. 2

LOCATION

Location Description

Latitude 33° 44' N

U.S. State California

USCG District 11

Longitude 118° 16' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 142,857

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/2/73

Name/Type of Vessel Naval vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP73907337

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/24/73

Name/Type of Vessel Fishing vessel

Time of Spill 0600

Responsible Party

Case No. 1 MP73909368

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/8/74

Name/Type of Vessel Barge 3

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico, off shore of Louisiana

Latitude 29° 30' N

U.S. State Louisiana

USCG District 8

Longitude 91° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Fuel Oil

Volume of Oil(s) Spilled in Water (bbl) 8,063

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/18/74

Name/Type of Vessel Naval vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP74907709

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 40,000

Volume of Spilled Oil(s) Recovered (bbl) 15,595

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/29/74

Name/Type of Vessel Naval

Time of Spill

Responsible Party

Case No. 1 MP74906574

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/24/74

Name/Type of Vessel Tottsville

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Off of New York

Latitude 41° 00' N

U.S. State New York

USCG District 1

Longitude 74° 00' W

Water Body Impacted Atlantic Ocean (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Unkown

Volume of Oil(s) Spilled in Water (bbl) 1,072

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/27/74

Name/Type of Vessel Naval

Time of Spill 2300

Responsible Party

Case No. 1 MP74908093

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 7,900

Volume of Spilled Oil(s) Recovered (bbl) 7,680

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/1/74

Name/Type of Vessel Barge

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Mississippi River mile 116

Latitude 29° 30' N

U.S. State Louisiana

USCG District 8

Longitude 90° 15' W

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Unknown

Volume of Oil(s) Spilled in Water (bbl) 46,454

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/20/74

Name/Type of Vessel Industrial vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP74907986

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 19' N

U.S. State Texas

USCG District 8

Longitude 94° 47' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 9,523.81

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/9/74

Name/Type of Vessel Bouchard 65

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Atlantic Ocean off of MA

Latitude 42° 30' N

U.S. State Massachusetts

USCG District 1

Longitude 69° 30' W

Water Body Impacted Atlantic Ocean

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Fuel

Volume of Oil(s) Spilled in Water (bbl) 36,650

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/22/74

Name/Type of Vessel Commercial vessel

Time of Spill 0200

Responsible Party

Case No. 1 MP74909826

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,453

Volume of Spilled Oil(s) Recovered (bbl) 2,453

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/24/74

Name/Type of Vessel Fishing vessel

Time of Spill 0400

Responsible Party

Case No. 1 MP74905781

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 18° 28' N

U.S. State Puerto Rico

USCG District 7

Longitude 66° 44' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 38,095.24

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/31/74

Name/Type of Vessel

Time of Spill 0300

Responsible Party

Case No. 1 MP74910327

Source/Cause Oil recovery

Case No. 2 MP74909019

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 2,500

Volume of Spilled Oil(s) Recovered (bbl) 2,490

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/8/74

Name/Type of Vessel Passenger

Time of Spill

Responsible Party

Case No. 1 MP74910331

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted Lower Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/23/74

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1 MP73909373

Source/Cause Oil recovery

Case No. 2 MP74910354

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,200 or 3,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/7/75

Name/Type of Vessel Naval

Time of Spill 0300

Responsible Party

Case No. 1 MP75907729

Source/Cause

Case No. 2 MP75907774

LOCATION

Location Description

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl) 4,000

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/16/75

Name/Type of Vessel Naval

Time of Spill 1000

Responsible Party

Case No. 1 MP75908057

Source/Cause

Case No. 2

LOCATION

Location Description Intercoastal Waterway-Gulf of Mexico

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted Intercoastal Waterway

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,400

Volume of Spilled Oil(s) Recovered (bbl) 1,250

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/3/75

Name/Type of Vessel Fishing vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP75901981

Source/Cause

Case No. 2

LOCATION

Location Description Lower Mississippi River

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl) 20,000

Volume of Spilled Oil(s) Recovered (bbl) 19,800

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/5/75

Name/Type of Vessel Fishing

Time of Spill 1900

Responsible Party

Case No. 1 MP75901683

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 24,715.67

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/25/75

Name/Type of Vessel Naval

Time of Spill 1400

Responsible Party

Case No. 1 MP75900039

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 5,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/3/75

Name/Type of Vessel Naval

Time of Spill 1400

Responsible Party

Case No. 1 MP75904861

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Pennsylvania

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl): 2,350

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/31/75

Name/Type of Vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP75904954

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Pennsylvania

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Kerosene

Volume of Oil(s) Spilled in Water (bbl) 10,523.81

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/22/75

Name/Type of Vessel Naval

Time of Spill 1000

Responsible Party

Case No. 1 MP75905021

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State New Jersey

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Kerosene

Volume of Oil(s) Spilled in Water (bbl) 5,952.38

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/4/75

Name/Type of Vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP75903683

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Pennsylvania

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl) 2,380.95

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/20/76

Name/Type of Vessel Tanker

Time of Spill 0400

Responsible Party

Case No. 1 MP76907898

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Clarified

Volume of Oil(s) Spilled in Water (bbl) 1,309.52

Volume of Spilled Oil(s) Recovered (bbl) 3

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/24/76

Name/Type of Vessel Christina

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Baltimore Harbor

Latitude

U.S. State Maryland

USCG District 5

Longitude

Water Body Impacted Baltimore Harbor

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,330

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/28/76

Name/Type of Vessel Fishing veseel

Time of Spill 0300

Responsible Party

Case No. 1 MP76902120

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 19' N

U.S. State New Jersey

USCG District 5

Longitude 73° 43' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 23,809.86

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/3/76

Name/Type of Vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP76905217

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 50' N

U.S. State New York

USCG District 1

Longitude 73° 30' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 11,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/23/76

Name/Type of Vessel Fishing vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP76902424

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State New York

USCG District 1

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 7,142.86

Volume of Spilled Oil(s) Recovered (bbl) 5,714.29

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/1/76

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP76912513

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 33° 42' N

U.S. State California

USCG District 11

Longitude 118° 20' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 4,761.90

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/8/76

Name/Type of Vessel Fishing vessel

Time of Spill 1600

Responsible Party

Case No. 1 MP76901609

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl) 334

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/4/76

Name/Type of Vessel LSCO Petrochem

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico, LA

Latitude 29° 00' N

U.S. State Louisiana

USCG District 8

Longitude 89° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Fuel

Volume of Oil(s) Spilled in Water (bbl) 109,950

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/76

Name/Type of Vessel Oswego Hope

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Near Perth Amboy, NJ

Latitude 40° 31' N

U.S. State New Jersey

USCG District 5

Longitude 74° 17' W

Water Body Impacted Atlantic Ocean (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Unknown

Volume of Oil(s) Spilled in Water (bbl) 5,229

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/29/76

Name/Type of Vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP76913228

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 37° 40' N

U.S. State California

USCG District 11

Longitude 122° 10' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/25/77

Name/Type of Vessel Fishing vessel

Time of Spill 2200

Responsible Party

Case No. 1 MP77902219

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Intercoastal waterway

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 9/15/77

Name/Type of Vessel commercial

Time of Spill 0600

Responsible Party

Case No. 1 MP77900477

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 7,142.86

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/26/77

Name/Type of Vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP77912399

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 45' W

U.S. State Texas

USCG District 8

Longitude 95° 25' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Spray

Volume of Oil(s) Spilled in Water (bbl) 7,142.86

Volume of Spilled Oil(s) Recovered (bbl) 2,261.9

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/6/78

Name/Type of Vessel GIM 200

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Gulf of Mexico off of Alabama coast

Latitude 29° 00' N

U.S. State Alabama

USCG District 8

Longitude 88° 00' W

Water Body Impacted Gulf of Mexico

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,665

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/13/78

Name/Type of Vessel

Time of Spill 1200

Responsible Party

Case No. 1 MP78905437

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 10' N

U.S. State Connecticut

USCG District 1

Longitude 73° 10' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 5,238.10

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/8/78

Name/Type of Vessel

Time of Spill 1800

Responsible Party

Case No. 1 MP78906470

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 39° 55' N

U.S. State New Jersey

USCG District 5

Longitude 74° 05' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 3,571.43

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/10/78

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP78905291

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 43' N

U.S. State New York

USCG District 1

Longitude 73° 58' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 11,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/21/78

Name/Type of Vessel Frotanorte bulk carrier

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Off San Juan, Puerto Rico

Latitude 16° 48' N

U.S. State Puerto Rico

USCG District 7

Longitude 69° 00' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 2905

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/9/78

Name/Type of Vessel Barge

Time of Spill 0700

Responsible Party

Case No. 1 MP78900667

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,800

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/17/79

Name/Type of Vessel Chotin 3291

Time of Spill

Responsible Party

Case No. 1 MP79901118

Source/Cause Ramming bridge

Case No. 2

LOCATION

Location Description New Orleans, LA

Latitude 36° 11' N

U.S. State Louisiana

USCG District 8

Longitude 89° 40' W

Water Body Impacted Gulf of Mexico (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6

Volume of Oil(s) Spilled in Water (bbl) 1,690

Volume of Spilled Oil(s) Recovered (bbl) 100

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/8/79

Name/Type of Vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP79913452

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 45° 34' N

U.S. State Oregon

USCG District 13

Longitude 122° 43' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 11,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/19/79

Name/Type of Vessel

Time of Spill 0500

Responsible Party

Case No. 1 MP79910027

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 05' N

U.S. State Louisiana

USCG District 8

Longitude 89° 11' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,238.1

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/16/80

Name/Type of Vessel Fishing vessel

Time of Spill 0600

Responsible Party

Case No. 1 MP80902162

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 9,000

Volume of Spilled Oil(s) Recovered (bbl) 19

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/27/80

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP80909554

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 58' N

U.S. State Texas

USCG District 8

Longitude 93° 52' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,352.38

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/6/80

Name/Type of Vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP80906619

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 32° 56' N

U.S. State South Carolina

USCG District 7

Longitude 79° 56' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/10/81

Name/Type of Vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP81909415

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 31° 44' N

U.S. State Alabama

USCG District 8

Longitude 86° 43' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 23,809.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/20/81

Name/Type of Vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP81906780

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/20/81

Name/Type of Vessel

Time of Spill 0600

Responsible Party

Case No. 1 MP81906994

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: Automotive gasoline

Volume of Oil(s) Spilled in Water (bbl): 1,100

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/27/81

Name/Type of Vessel Industrial vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP81907047

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 3,809.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/5/81

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP81906058

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 18° 29' N

U.S. State Puerto Rico

USCG District 7

Longitude 66° 33' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 7,142.86

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/9/81

Name/Type of Vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP81905816

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 18° 03' N

U.S. State Puerto Rico

USCG District 7

Longitude 66° 13' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,904.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/21/81

Name/Type of Vessel Industrial vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP81907233

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/11/81

Name/Type of Vessel Industrial vessel

Time of Spill 0100

Responsible Party

Case No. 1 MP81910166

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 34° 10' N

U.S. State California

USCG District 11

Longitude 118° 05' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 5,952.38

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/21/81

Name/Type of Vessel Industrial vessel

Time of Spill 0400

Responsible Party

Case No. 1 MP81905539

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 35° 15' N

U.S. State North Carolina

USCG District 5

Longitude 76° 55' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 3,809.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/19/81

Name/Type of Vessel Industrial vessel

Time of Spill 0700

Responsible Party

Case No. 1 MP81905550

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 34° 13' N

U.S. State North Carolina

USCG District 5

Longitude 77° 58' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,404.76

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/11/82

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP82910999

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Washington

USCG District 13

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 3,690.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/19/82

Name/Type of Vessel Industrial vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP82906263

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 31° 30' N

U.S. State Louisiana

USCG District 8

Longitude 92° 45' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 2,380.95

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/31/82

Name/Type of Vessel Commercial

Time of Spill 2100

Responsible Party

Case No. 1 MP82900357

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 25,042

Volume of Spilled Oil(s) Recovered (bbl) 183

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/2/82

Name/Type of Vessel

Time of Spill 0900

Responsible Party

Case No. 1 MP82902940

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Pennsylvania

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 6 Fuel

Volume of Oil(s) Spilled in Water (bbl) 1,190.48

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/21/82

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP82901871

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 42° 32' N

U.S. State Massachusetts (?)

USCG District 1

Longitude 70° 52' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 2,380.95

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/24/82

Name/Type of Vessel Industrial vessel

Time of Spill 1600

Responsible Party

Case No. 1 MP82905687

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 37° 56' N

U.S. State Virginia

USCG District 5

Longitude 76° 30' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl)

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/3/82

Name/Type of Vessel

Time of Spill 0300

Responsible Party

Case No. 1 MP82909130

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 15' N

U.S. State Alabama

USCG District 8

Longitude 88°03' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 95,238.10

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/31/82

Name/Type of Vessel Barge

Time of Spill 1200

Responsible Party

Case No. 1 MP82900416

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 14° 17' N

U.S. State

USCG District 14

Longitude 170° 40' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 1 Diesel

Volume of Oil(s) Spilled in Water (bbl) 1,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/5/83

Name/Type of Vessel Industrial vessel

Time of Spill 1200

Responsible Party

Case No. 1 MP83912140

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 47° 36' N

U.S. State Washington

USCG District 13

Longitude 122° 23' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 238,095.2

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/23/83

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP83907402

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 30° 01' N

U.S. State Louisiana

USCG District 8

Longitude 90°28' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,049.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/21/83

Name/Type of Vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP83912635

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Washington

USCG District 13

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 9,523.81

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 9/22/83

Name/Type of Vessel

Time of Spill 1500

Responsible Party

Case No. 1 MP83904533

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 21' N

U.S. State Connecticut

USCG District 1

Longitude 71° 56' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 7,142.86

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/3/83

Name/Type of Vessel

Time of Spill 1400

Responsible Party

Case No. 1 MP83909937

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 22' N

U.S. State Texas

USCG District 8

Longitude 94° 56' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 17,946.19

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/11/83

Name/Type of Vessel

Time of Spill 1000

Responsible Party

Case No. 1 MP83909095

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 4,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/5/83

Name/Type of Vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP83910865

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 29° 45' N

U.S. State Texas

USCG District 8

Longitude 95° 25' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 119,047

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/16/84

Name/Type of Vessel

Time of Spill 1900

Responsible Party

Case No. 1 MP84908503

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Mississippi River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,500

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/18/85

Name/Type of Vessel Commercial vessel

Time of Spill 0300

Responsible Party

Case No. 1 MP85900678

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 51' N

U.S. State California

USCG District 11

Longitude 124° 14' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 66,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/8/85

Name/Type of Vessel Fuji

Time of Spill

Responsible Party

Case No. 1

Source/Cause

Case No. 2

LOCATION

Location Description Atlantic Ocean, 20 miles southeast of Cape Hatteras

Latitude 32° 30' N

U.S. State North Carolina

USCG District 5

Longitude 71° 30' W

Water Body Impacted Atlantic Ocean

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Fuel

Volume of Oil(s) Spilled in Water (bbl) 3,665

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/3/86

Name/Type of Vessel Tanker

Time of Spill 0830

Responsible Party

Case No. 1 MP86000100

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 29° 51' N

U.S. State Texas

USCG District 8

Longitude 93° 58' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,901

Volume of Spilled Oil(s) Recovered (bbl) 1,901

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/10/86

Name/Type of Vessel Dua Mar

Time of Spill 0747

Responsible Party

Case No. 1 MP86001192

Source/Cause Hull rupture

Case No. 2

LOCATION

Location Description Bayonne, NJ

Latitude

U.S. State New Jersey

USCG District 5

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Coconut

Volume of Oil(s) Spilled in Water (bbl) 1,786

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/30/86

Name/Type of Vessel

Time of Spill 2000

Responsible Party

Case No. 1 MP86003902

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 41° 29' N

U.S. State Rhode Island

USCG District 1

Longitude 71° 20' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 3,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/27/86

Name/Type of Vessel Passenger

Time of Spill

Responsible Party

Case No. 1 MP86004843

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 34° 46' N

U.S. State

USCG District 1

Longitude 75° 30' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/31/86

Name/Type of Vessel TTT-103

Time of Spill 2230

Responsible Party Chevron USA

Case No. 1 MP87000141

Source/Cause Explosion

Case No. 2

LOCATION

Location Description Pascagoula, MS

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted Gulf of Mexico (?)

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: Auto Gas, LPG, No. 2 Fuel

Volume of Oil(s) Spilled in Water (bbl): 14,000

Volume of Spilled Oil(s) Recovered (bbl): 7,600

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 3/2/88

Name/Type of Vessel MCN #5

Time of Spill

Responsible Party

Case No. 1

Source/Cause Sinking

Case No. 2

LOCATION

Location Description Rosario Straight, Puget Sound, Washington

Latitude

U.S. State Washington

USCG District 13

Longitude

Water Body Impacted Puget Sound

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Bunker C

Volume of Oil(s) Spilled in Water (bbl) 1,690

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/29/88

Name/Type of Vessel Naval

Time of Spill 1530

Responsible Party

Case No. 1 MP89000633

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 37° 125' N

U.S. State Virginia

USCG District 5

Longitude 76° 38' W

Water Body Impacted St. Johns River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 83,333.33

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/27/89

Name/Type of Vessel Passenger

Time of Spill 0900

Responsible Party

Case No. 1 MP89003445

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 37° 46' N

U.S. State California

USCG District 11

Longitude 122° 14' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 23,809.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 7/19/89

Name/Type of Vessel

Time of Spill 0630

Responsible Party

Case No. 1 MP89009154

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 35° 43' N

U.S. State North Carolina

USCG District 5

Longitude 76° 37' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 71,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/23/89

Name/Type of Vessel

Time of Spill 2345

Responsible Party

Case No. 1 MP890093647

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 27° 33' N

U.S. State Texas

USCG District 8

Longitude 97° 50' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 1,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 12/20/89

Name/Type of Vessel

Time of Spill

Responsible Party Chevron

Case No. 1

Source/Cause Pipeline

Case No. 2

LOCATION

Location Description Hildebrandt Bayou near Beaumont, TX

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted Hildebrandt Bayou

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/5/90

Name/Type of Vessel

Time of Spill 2200

Responsible Party Kilroy Co.

Case No. 1 MP90000173

Source/Cause Equipment malfunction - platform

Case No. 2

LOCATION

Location Description Gulf of Mexico off of Galveston, TX

Latitude 29° 80' N

U.S. State Texas

USCG District 8

Longitude 94° 27' W

Water Body Impacted Gulf of Mexico

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Crude

Volume of Oil(s) Spilled in Water (bbl) 1,855

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/6/90

Name/Type of Vessel

Time of Spill 1100

Responsible Party

Case No. 1 MP90000291

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 21° 20' N

U.S. State Hawaii

USCG District 14

Longitude 157° 50' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 9,523.81

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 2/18/90

Name/Type of Vessel STCO-412

Time of Spill

Responsible Party

Case No. 1

Source/Cause Collision

Case No. 2

LOCATION

Location Description Intercoastal Waterway near Morgan City, LA

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Intercoastal Waterway

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Gasoline

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/17/90

Name/Type of Vessel APEX 104

Time of Spill 0173

Responsible Party

Case No. 1 MP90005022

Source/Cause Collision

Case No. 2

LOCATION

Location Description Atchafalaya River, Simmesport, LA

Latitude

U.S. State Louisiana

USCG District 8

Longitude

Water Body Impacted Atchafalaya River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Petroleum naptha

Volume of Oil(s) Spilled in Water (bbl) 5,048

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 5/22/90

Name/Type of Vessel

Time of Spill

Responsible Party: Hill Petroleum

Case No. 1

Source/Cause: Roof drain hose ruptured

Case No. 2

LOCATION

Location Description: Houston Ship Channel

Latitude

U.S. State: Texas

USCG District: 8

Longitude

Water Body Impacted: Houston Ship Channel

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: Crude

Volume of Oil(s) Spilled in Water (bbl): 1,190

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/15/90

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Dumping of oil from tug

Case No. 2

LOCATION

Location Description Gulf of Mexico off of Cameron County, TX

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted Gulf of Mexico

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Unknown

Volume of Oil(s) Spilled in Water (bbl) 1,167

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/30/90

Name/Type of Vessel Tanker

Time of Spill 1330

Responsible Party

Case No. 1 MP90009283

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 40° 35' N

U.S. State New Jersey

USCG District 5

Longitude 74° 12' W

Water Body Impacted AIRA

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 10,000,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 8/30/90

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Personnel error @ loading term.

Case No. 2

LOCATION

Location Description Richmond Beach, Puget Sound near Seattle, WA

Latitude

U.S. State Washington

USCG District 13

Longitude

Water Body Impacted Puget Sound

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Asphalt Oil

Volume of Oil(s) Spilled in Water (bbl) 2,595

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 9/5/90

Name/Type of Vessel

Time of Spill

Responsible Party: Hess Oil Co.

Case No. 1

Source/Cause: Storage tank partially collapsed

Case No. 2

LOCATION

Location Description: Kill Van Kull, Perth Amboy, NJ

Latitude

U.S. State: New Jersey

USCG District: 5

Longitude

Water Body Impacted: Kill Van Kull

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled: No. 6

Volume of Oil(s) Spilled in Water (bbl): 2,381

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 10/5/90

Name/Type of Vessel Contessa

Time of Spill

Responsible Party

Case No. 1

Source/Cause Jettisoned fuel to stay afloat

Case No. 2

LOCATION

Location Description 300-400 miles west of Astoria, OR

Latitude

U.S. State Oregon

USCG District 13

Longitude

Water Body Impacted Pacific Ocean

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled No. 2 diesel

Volume of Oil(s) Spilled in Water (bbl) 2,143

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 11/17/90

Name/Type of Vessel Tanker

Time of Spill 2200

Responsible Party

Case No. 1 MP90013274

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude 38° 73' N

U.S. State Maryland

USCG District 5

Longitude 76° 31' W

Water Body Impacted AIRPO

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Asphalt

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl) 2,000

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 1/5/91

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1 MP91000317

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 36' N

U.S. State New York

USCG District 1

Longitude 73° 50' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 23,809.52

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 4/11/91

Name/Type of Vessel Fishing vessel

Time of Spill 0300

Responsible Party

Case No. 1 MP91003589

Source/Cause

Case No. 2

LOCATION

Location Description

Latitude

U.S. State Mississippi

USCG District 8

Longitude

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled OLB

Volume of Oil(s) Spilled in Water (bbl) 2,950

Volume of Spilled Oil(s) Recovered (bbl) 13

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 6/25/91

Name/Type of Vessel

Time of Spill

Responsible Party

Case No. 1

Source/Cause Vandalism of storage tank

Case No. 2

LOCATION

Location Description San Jacinto River near Channelview, TX

Latitude

U.S. State Texas

USCG District 8

Longitude

Water Body Impacted San Jacinto River

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled Waste Oil

Volume of Oil(s) Spilled in Water (bbl) 2,000

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

Minerals Management Service database.

HISTORICAL OPPORTUNITIES FOR DISPERSANT AND IN-SITU BURNING USE IN COASTAL WATERS OF THE UNITED STATES

GENERAL INFORMATION

Internal Tracking No. UK

Date of Spill 9/18/91

Name/Type of Vessel

Time of Spill 0800

Responsible Party

Case No. 1 MP91010085

Source/Cause Oil recovery

Case No. 2

LOCATION

Location Description

Latitude 40° 37' N

U.S. State New York

USCG District 1

Longitude 73° 54' W

Water Body Impacted

Water Depth (ft)

Distance Offshore (nm)

Distance from Receptor (nm)

WEATHER CONDITIONS

Weather Description

Wind Speed (kt)

Wind Direction

Air Temp. (°F)

OIL(S) SPILLED

Type of Oil(s) Spilled

Volume of Oil(s) Spilled in Water (bbl) 71,428.57

Volume of Spilled Oil(s) Recovered (bbl)

Yaeger & Assoc., 1985 classification

COUNTERMEASURES EMPLOYED

Dispersants (Y/N)

Description of Dispersant Use

In-Situ Burning (Y/N)

Description of Burning Use

INFORMATION SOURCES

US Coast Guard Pollution Incident Reporting System and Marine Safety Information System database.