



Oil Spills in U.S. Coastal Waters: Background and Governance

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January 11, 2012

Congressional Research Service

7-5700

www.crs.gov

RL33705

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Oil Spills in U. S. Coastal Waters Jonathan L. Ramseur, 2010-11 Contents 1 Background Oil Spills OS in U S Coastal Waters Impacts of OS in Aquatic Environ Acute Impacts Chronic Impacts Ecosystem Recovery Econ Costs of OS Cleanup Costs Natural Resources Damages Other Econ Costs 2 OS Governance Federal Authorities Exxon Valdez OS 1990 Oil Pollution Act Other Fed Laws Internat Conventions MARPOL 73 78 Intervention Convention Fed Agencies Responsibilities Response Prevention and Preparedness Fed Funding for the OS Liab Trust Fund Background Trust Fund Ceiling Fund Projections and Vulnerability State Laws 3 Threat of Future OS in U S Coastal Waters Possibilities for Future OS U S Oil Imports and Possible OS Level of Preparedness Illustrations *Oil Spills in U.S. Coastal Waters* Jonathan L. Ramseur, 2008 Reviews the history of oil spills presents relevant data and identifies the legal authorities governing oil spill prevention response and cleanup in response to annual data which indicate that the overall decline of annual spill events may have stopped *Oil Spills in U.S. Coastal Waters* Library of Congress. Congressional Research Service, 2010 Reviews history of oil spills in U S coastal waters and identifies Federal State and international legal authorities governing oil spill prevention response and cleanup **Oil Spills in U.S. Coastal Waters** Library of Congress. Congressional Research Service, 2008 Reviews history of oil spills in U S coastal waters identifies Federal State and international legal authorities governing oil spill prevention response and cleanup examines threat of future oil spills describes Nov 2007 oil spill in San Francisco Bay and July 2008 oil spill into the Mississippi River and summarizes recent legislative activity Includes graphs Oil Spills in U.S. Coastal Waters Jonathan L Ramseur, 2015-02-16 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it This work was reproduced from the original artifact and remains as true to the original work as possible Therefore you will see the original copyright references library stamps as most of these works have been housed in our most important libraries around the world and other notations in the work This work is in the public domain in the United States of America and possibly other nations Within the United States you may freely copy and distribute this work as no entity individual or corporate has a copyright on the body of the work As a reproduction of a historical artifact this work may contain missing or blurred pages poor pictures errant marks etc Scholars believe and we concur that this work is important enough to be preserved reproduced and made generally available to the public We appreciate your support of the preservation process and thank you for being an important part of keeping this knowledge alive and relevant **Oil Spills in U.S. Coastal Waters** , 2009 During the past two decades while U S oil imports and consumption have steadily risen oil spill incidents and the volume of oil spilled have not followed a similar course In general the annual number and volume of oil spills have shown declines in some cases dramatic declines The 1989 Exxon Valdez spill in Alaskan waters played a large role in stimulating actions that contributed to this trend particularly the decrease in the annual spill volumes The Exxon Valdez spill highlighted the need for stronger legislation inflamed public

sentiment and spurred Congress to enact comprehensive oil spill legislation resulting in the Oil Pollution Act of 1990 P L 101 380 This law expanded and clarified the authority of the federal government and created new oil spill prevention and preparedness requirements Moreover the 1990 legislation strengthened existing liability provisions providing a greater deterrent against spills After 1990 spill volume from oil tankers the vessels that carry and have spilled the most oil decreased significantly Considering that U S oil consumption and oil imports have steadily increased the trend of declining spill incidents and volume in past years is noteworthy Yet recent annual data indicate that the overall decline of annual spill events may have stopped Both consumption and imports are projected to maintain upward movement and the United States is expected to increase the proportion of its imported oil More oil carrying vessels will be entering U S waters and a higher percentage of transported oil will likely travel by vessel The threat of oil spills may increase if more oil is being transported into and around the nation This increased threat raises the question of whether U S officials have the necessary resources at hand to respond to a major spill There is some concern that the favorable U S spill record has resulted in a loss of experienced personnel capable of responding quickly and effectively to a major oil spill Moreover the level of funding required to respond to such a spill particularly its aftermath may be currently inadequate according to U S Coast Guard reports No oil spill is entirely benign Even a relatively minor spill depending on the timing and location can cause significant harm to individual organisms and entire populations Marine mammals and bottom dwelling species are especially vulnerable to a nearby spill However the effects of oil spills can vary greatly Oil spills can cause impacts over a range of time scales from only a few days to several years or even decades in some cases This report reviews the history of oil spills presents relevant data and identifies the legal authorities governing oil spill prevention response and cleanup

Maritime Transportation: Major Oil Spills Occur Infrequently, but Risks to the Federal Oil Spill Fund Remain ,2007 *Civil Liability for Marine Oil Pollution Damage* Hui Wang,Wang Hui,2011-01-01 This remarkable book the first in depth examination of the civil liability regime for marine oil pollution damage from a law and economics perspective examines the efficiency and effectiveness of the regime with particular attention to whether it is in fact designed in the public interest or merely a distribution of risks and costs among interested parties The question is asked does the liability system give the potential polluter incentives to take precautionary measures to avoid pollution or to reduce the possibility of pollution The international regime on civil liability for marine oil pollution rests on the International Convention on Civil Liability for Oil Pollution Damage CLC and the International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage Fund Convention However the world s biggest oil consumer and importer the United States has ratified neither preferring its own Oil Pollution Act of 1990 OPA and China currently the world s second oil consuming country has not ratified the Fund Convention Thus it is reasonable to compare the three regimes international US and China as such a comparative study may reveal some advantages or disadvantages among the three systems Among the issues raised and

tackled head on by the author are the following whether the contents of international conventions can be considered as the result of the influence of the various interest groups involve overview of the regulations of marine pollution technical standards rules for operation professional criteria to what extent a state may take action against trans boundary polluting activities what liability a state may incur for non action or non effective action significance for liability of the charter party generally considered the evidence of the hire of a ship and the bill of lading considered the evidence of the contract of carriage of goods by sea the crucial role of the so called International Group of 13 Protection and Indemnity P and I Clubs non profit organizations specializing in liability insurance the main international players the International Maritime Organization IMO the Comit Maritime International CMI and industry organizations such as INTERTANKO and the Oil Companies International Marine Forum OCIMF the particular regime on offshore facility pollution liability in the United States port state control criminal liability and EU and other regional initiatives In addition a detailed study of the Erika case reveals some of the rationale for many of the persistent features of marine pollution liability regimes The well thought out legal and economic analysis provided in this book along with its clearly stated policy recommendations and constructive perspectives for future development of the liability system will be immeasurably valuable to lawyers and policymakers active in this highly visible area of international law Liability and Compensation Issues Raised by the 2010 Gulf Oil Spill

Jonathan L. Ramseur, 2011-06 The 2010 Deepwater Horizon DH incident produced the largest oil spill that has occurred in U S waters releasing more than 200 million gallons into the Gulf of Mexico BP has estimated the combined oil spill costs will be approx 41 billion The DH oil spill raised many issues for policymakers incl the ability of the existing oil spill liability and compensation framework to respond to a catastrophic spill Contents of this report 1 Intro 2 Existing Liability and Compensation Framework Responsible Party Liability Limits Financial Responsibility The Oil Spill Liability Trust Fund Compensation or Claims Process 3 Issues for Policymakers Liability Limits Per Incident Cap Level of Funding Claims Process This is a print on demand report **Environmental Justice and Oil Pollution Laws** Eloamaka Carol Okonkwo, 2020-02-13

This book explores the relationship between oil pollution laws and environmental justice by comparing and contrasting the United States and Nigeria Critically this book not only examines the fluidity of oil pollutions laws but also how effective or ineffective enforcement can be when viewed through the lens of environmental justice Using Nigeria as a case study and drawing upon examples from the United States it examines the legal and institutional challenges impacting upon the effective enforcement of laws and provides a contrasting view of developed and developing countries Focusing on the oil and gas industry the book discusses the laws and international acceptable standards IAS in these industries the principles behind their application the existing barriers to their effective implementation and how to overcome those barriers Utilising an environmental justice framework the book demonstrates the synergy between policy making human rights and justice in oil producing regions as well as addressing the importance of protecting the rights of minorities Through a comparative analysis

of the United States and Nigeria this book draws out enforcement approaches and mechanisms for tackling oil related pollution with a view to reducing environmental injustice in developing countries Examining the role of NGOs in pursuing environmental justice matters the book showed the regional courts as one avenue of overcoming the enforcement challenges faced by the developing countries This book will be of great interest to students and scholars of environmental law environmental justice minorities rights business and human rights energy law and natural resource governance

Regulatory Politics in an Age of Polarization and Drift Marc Allen Eisner, 2017-02-24 Regulatory change is typically understood as a response to significant crises like the Great Depression or salient events that focus public attention like Earth Day 1970 Without discounting the importance of these kinds of events change often assumes more gradual and less visible forms But how do we see change and what institutions and processes are behind it In this book author Marc Eisner brings these questions to bear on the analysis of regulatory change walking the reader through a clear eyed and careful examination of the dynamics of regulatory change since the 1970s social regulation and institutional design forms of gradual change including conversion layering and drift gridlock polarization and the privatization of regulation financial collapse and the anatomy of regulatory failure Demonstrating that transparency and accountability the hallmarks of public regulation are increasingly absent and that deregulation was but one factor in our most recent significant financial collapse the Great Recession this book urges readers to look beyond deregulation and consider the broader political implications for our current system of voluntary participation in regulatory programs and the proliferation of public private partnerships This book provides an accessible introduction to the complex topic of regulatory politics ideal for upper level and graduate courses on regulation government and business bureaucratic politics and public policy

Petroleum Waste Treatment and Pollution Control Shahryar Jafarinejad, 2016-10-18 Petroleum Waste Treatment and Pollution Control combines state of the art and traditional treatment and control methods for removing controlling and treating problems such as groundwater contamination aromatics oil grease organic removal and VOCs The book is divided into seven chapters with the first briefly introducing readers to the petroleum industry The second and third chapters explain wastes in the petroleum industry and focus on its environmental impact its regulations and protection options Chapters four five and six discuss the treatment of air emissions oily wastewater solid wastes and disposal methods The final chapter provides remediation processes Presents the latest methods for treating controlling and eliminating pollutants from air water and land that are a byproduct of petroleum industry operations Covers the environmental impact of the petroleum industry and its regulations explaining protection options Includes treatment methods for both air water and solid waste disposal Discusses remediation processes including natural processes pump and treat soil flushing soil vapor extraction SVE bioremediation and excavation The Gulf of Mexico Oil Spill United States. Congress. Senate. Committee on Homeland Security and Governmental Affairs. Subcommittee on Federal Financial Management, Government Information, Federal Services, and International

Security,2011 **Places of Refuge for Ships in Distress** Anthony Morrison,2012-06-08 By examining the problem of places of refuge for ships in distress and proposed solutions under international national and regional law **Places of Refuge for Ships in Distress** by Anthony Morrison highlights the need for further solutions and presents alternative solutions

Liability and Financial Responsibility for Oil Spills Under the Oil Pollution Act of 1990 and Related Statutes United States. Congress. House. Committee on Transportation and Infrastructure,2010 Maritime Salvage Operations and Environmental Protection Durand Cupido,2023-01-20 This book questions the use of salvage law as legal regulatory framework for the remuneration of environmental services in salvage operations proposing that such services should be based on direct contracting between commercial salvors and coastal States Adopting an environment first approach it argues that direct contracting better serves and promotes environmental protection outcomes It also takes a functional view of the law as a tool to promote values and sought outcomes Salvage operations are recognised as the first line of defence against pollution following shipping incidents Although regulated under the law of salvage these operations form an integral component of a framework of environmental protection measures regulated under different legal instruments or laws The law of salvage fails to effectively integrate salvage operations into broader pollution response mechanisms because it does not align comfortably with this framework of laws Despite the emphasis on environmental protection in the 1989 London Salvage Convention the Convention maintains the traditional notion of salvage operations as a service to property while environmental outcomes and the remuneration of environmental services are positioned as a secondary outcome of the law of salvage This book argues that directly contracting for environmental services bolsters the primacy of environmental protection and the functional use of law to further environmental protection and policy formulation Direct contracting between coastal States and salvors for environmental services complements existing practices and pollution response mechanisms and provides a sound legal basis for the effective realisation of salvage operations as the first line of defence against pollution following shipping incidents without fundamentally altering the established commercial identity of the traditional law of salvage This book will be key reading for students academics and practitioners working at the intersection of shipping and environmental law *Deep Water: The Gulf Oil Disaster and the Future of Offshore Drilling: Report to the President, January 2011* National Commission on the BP Deepwater Horizon Oil Spill and Offshore Dril,2011-05-24 On April 20 2010 the Macondo well blew out costing the lives of 11 men and beginning a catastrophe that sank the Deepwater Horizon drilling rig and spilled nearly 5 million barrels of crude oil into the Gulf of Mexico The spill disrupted an entire region s economy damaged fisheries and critical habitats and brought vividly to light the risks of deepwater drilling for oil and gas the latest frontier in the national energy supply Soon after President Barack Obama appointed a seven member Commission to investigate the disaster analyze its causes and effects and recommend the actions necessary to minimize such risks in the future The Commission s report offers the American public and policymakers alike the fullest account available of

what happened in the Gulf and why and proposes actions changes in company behavior reform of government oversight and investments in research and technology required as industry moves forward to meet the nation s energy needs Oil Spills: Cost of Major Spills May Impact Viability of Oil Spill Liability Trust Fund Susan A. Fleming,2010-10 On April 20 2010 an explosion at the mobile offshore drilling unit Deepwater Horizon resulted in a massive oil spill in the Gulf of Mexico The spill s total cost is unknown but may result in considerable costs to the private sector as well as federal state and local governments The Oil Pollution Act of 1990 OPA set up a system that places the liability up to specified limits on the responsible party The Oil Spill Liability Trust Fund Fund administered by the Coast Guard pays for costs not paid for by the responsible party This testimony focuses on 1 how oil spills are paid for 2 the factors that affect major oil spill costs and 3 implications of major oil spill costs for the Fund Charts and tables *Energy in American History* Jeffrey B.

Webb,Christopher R. Fee,2024 Contextualizes and analyzes the key energy transitions in U S history and the central importance of energy production and consumption on the American environment and in American culture and politics

Energy Policy in the U.S. Laurance R. Geri,David E. McNabb,2017-09-25 In an effort to provide greater awareness of the necessary policy decisions facing our elected and appointed officials *Energy Policy in the U S Politics Challenges and Prospects for Change* presents an overview of important energy policies and the policy process in the United States including their history goals methods of action and consequences In the first half of the book the authors frame the energy policy issue by reviewing U S energy policy history identifying the policy making players and illuminating the costs benefits and economic and political realities of currently competing policy alternatives The book examines the stakeholders and their attempts to influence energy policy and addresses the role of supply and demand on the national commitment to energy conservation and the development of alternative energy sources The latter half of the book delves into specific energy policy strategies including economic and regulatory options and factors that influence energy policies such as the importance of international cooperation Renewed interest in various renewable and nontraditional energy resources for example hydrogen nuclear fusion biomass and tide motion is examined and policy agendas are explored in view of scientific economic regulatory production and environmental constraints This book provides excellent insight into the complex task of creating a comprehensive energy policy and its importance in the continued availability of energy to power our way of life and economy while protecting our environment and national security

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web 1 ton 12 000 btu hr fig 1 illustrates some of these definitions using water as the medium experiencing a heat transfer
process this graph plots the water temperature vs the enthalpy of the water heat content in btu lb we all know that water
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shown on the diagram designates the points at which the refrigerant changes phase

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web for r12 saturation pressure at 120 f is 172 35 psia for r134a saturation pressure at 120 f is 186 023 psia if a lower operating pressure is the only desired criterion for the design clearly r12 is a better choice c arizona s summer the design specification given thus far is the temperature of the condenser see diagram which is 120 f

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