

The 112th Congress may consider legislation to amend and reauthorize the Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 to further study vessel ballast water management standards and modify how ballast water is handled. In recent years, people have become increasingly aware that the globalization of trade, the increased speed of travel, the massive volume of cargo shipments, and rising tourism have combined to increase the chance of accidental introductions of foreign species into the United States. Aquatic species arrive through a variety of mechanisms—unintentionally when attached to vessel hulls or carried in vessel ballast water and intentionally when imported for aquaria display, as live seafood for human consumption, or as a transplant to increase sport fishing opportunities. The arrival of zebra mussels in the Great Lakes and their subsequent damage to city water supplies and electric utilities focused significant attention on ballast water discharge by cargo ships as a high-risk mechanism for species invasion. New management efforts attempt to address this concern. On March 23, 2012, the U.S. Coast Guard published a final rule establishing quantitative standards for ballast water treatment. The new standards initially follow standards developed by the International Maritime Organization (IMO). In a subsequent phase, the quantitative standards would become much more stringent, given sufficient technological development to support achievement of the higher standards. The Coast Guard standards do not preempt existing state ballast water management standards. In response to litigation, the Environmental Protection Agency (EPA) published regulations on December 28, 2008, to regulate ballast water discharge under the Clean Water Act through vessel general permits (VGPs). Environmental groups expressed concern over the effectiveness of the EPA regulations and filed a court challenge. In a March 2011 settlement, EPA was required to revise its VGP program to require numeric limits on organisms in ballast water discharges as well as additional monitoring and reporting of vessel discharges. Under the terms of this settlement, EPA proposed two new VGP programs on November 30, 2011. Meanwhile, P.L. 110-299 provided a two-year moratorium from the VGP program for commercial fishing vessels and non-recreational vessels less than 79 feet in length, and the 111th Congress enacted legislation (P.L. 111-215) to further extend this moratorium through December 18, 2013. EPA expects to take final action on the draft permits by November 30, 2012. In addition to federal programs and sometimes in response to perceived deficiencies in federal regulation, several states have chosen to regulate aspects of ballast water management. Concerns have arisen over particularly stringent state ballast water regulations as to whether the technology exists to meet their standards. In the 112th Congress, Section 459 of H.R. 2584, as reported by the House Committee on Appropriations, would prohibit EPA from providing funds to any Great Lakes state that has a more stringent performance or ballast water exchange standard than either a revised Coast Guard standard or the IMO standard. This report provides background on various approaches to ballast water management and reviews current ballast water management laws and programs. This report will be updated as this issue evolves.

Wesley Owl, Bourdieus Konzeption von ökonomischem, kulturellem und sozialem Kapital (German Edition), The Comeback Kids: Cincinnati Reds 2010 Championship Season, Health Care Job Explosion!: High Growth Health Care Careers and Job Locator, LORD JAMES HARRINGTON AND THE WINTER MYSTERY (Lord James Harrington Mysteries Book 1), LIFETIME LOVERS - How to Stop Playing Catch and Release, Find the One to Have and to Hold. and Keep Love Alive Forever, Argentina in the 20th Century: An Accounts of Long-Awaited Growth, You Cant Fall Off The Floor!: The Insiders Guide to Re-Inventing Yourself and Your Career,

This report provides background on various approaches to ballast water management and

reviews current ballast water management laws and. The arrival of zebra mussels in the Great Lakes and their subsequent damage to city water supplies and electric utilities has focused significant attention on. Ballast Water Management to Combat Invasive Species. Updated March 10, Eugene H. Buck. Specialist in Natural Resources Policy. Resources, Science. Download Citation on ResearchGate On Jan 1, , Eugene H Buck and others published Ballast Water Management to Combat Invasive Species }. RL Ballast Water Management to Combat Invasive Species.

The Congressional Research Service has released a report that provides background on various approaches to ballast water management. About this CRS report. This document was obtained by Wikileaks from the United States Congressional Research Service. The CRS is a. Figure 1. Depiction of how Ballast Water Management can instigate water These invasive species are making their way into ballast water of. Although a ballast water management plan is a requirement for those This helps prevent invasive species spread in coastal and shallow.

used to combat the problem is exchanging ballast water in the open ocean to . Thus, ballast water management and alien invasive species are complex issues . Scientists are developing water treatment systems to remove these organisms from the Treating Ballast Water Could Fight Invasive Species.

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