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[Laws in effect as of January 2, 2001]
[Document not affected by Public Laws enacted between
January 2, 2001 and January 28, 2002]
[CITE: **33USC1903**]

TITLE 33--NAVIGATION AND NAVIGABLE WATERS

CHAPTER 33--PREVENTION OF POLLUTION FROM SHIPS

Sec. 1903. Administration and enforcement

(a) Duty of Secretary; Annexes of Convention applicable to seagoing vessels

Unless otherwise specified in this chapter, the Secretary shall administer and enforce the MARPOL Protocol, Annex IV to the Antarctic Protocol, and this chapter. In the administration and enforcement of the MARPOL Protocol and this chapter, Annexes I and II of the Convention apply only to seagoing ships.

(b) Regulations; refuse record books; waste management plans; notification of crew and passengers

(1) The Secretary shall prescribe any necessary or desired regulations to carry out the provisions of the MARPOL Protocol, Annex IV to the Antarctic Protocol, or this chapter.

(2) The Secretary of the department in which the Coast Guard is operating shall--

(A) prescribe regulations which--

(i) require certain ships described in section 1902(a)(1) of this title to maintain refuse record books and shipboard management plans, and to display placards which notify the crew and passengers of the requirements of Annex V to the Convention and of Annex IV to the Antarctic Protocol; and

(ii) specify the ships described in section 1902(a)(1) of this title to which the regulations apply;

(B) seek an international agreement or international agreements which apply requirements equivalent to those described in subparagraph (A)(i) to all vessels subject to Annex V to the Convention; and

(C) within 2 years after the effective date of this paragraph, report to the Congress--

(i) regarding activities of the Secretary under subparagraph (B); and

(ii) if the Secretary has not obtained agreements pursuant to subparagraph (B) regarding the desirability of applying the requirements described in subparagraph (A)(i) to all vessels described in section 1902(a) of this title which call at United States ports.

(c) Utilization of personnel, facilities, or equipment of other Federal departments and agencies

The Secretary may utilize by agreement, with or without reimbursement, personnel, facilities, or equipment of other Federal departments and agencies in administering the MARPOL Protocol, this chapter, or the regulations thereunder.

(Pub. L. 96-478, Sec. 4, Oct. 21, 1980, 94 Stat. 2298; Pub. L. 100-220, title II, Sec. 2107, Dec. 29, 1987, 101 Stat. 1464; Pub. L. 104-227,

title II, Sec. 201(c), Oct. 2, 1996, 110 Stat. 3042.)

References in Text

The effective date of this paragraph, referred to in subsec. (b) (2) (C), is Dec. 31, 1988, the effective date of section 2107(b) of Pub. L. 100-220 which added par. (2) to subsec. (b). See Effective Date of 1987 Amendment note below.

Amendments

1996--Subsec. (a). Pub. L. 104-227, Sec. 201(c)(1), inserted ``Annex IV to the Antarctic Protocol,'' after ``the MARPOL Protocol'' in first sentence.

Subsec. (b) (1). Pub. L. 104-227, Sec. 201(c)(2), inserted ``Annex IV to the Antarctic Protocol,'' after ``the MARPOL Protocol''.

Subsec. (b) (2) (A). Pub. L. 104-227, Sec. 201(c)(3), (4), struck out ``within 1 year after the effective date of this paragraph,'' before ``prescribe'' in introductory provisions and inserted ``and of Annex IV to the Antarctic Protocol'' after ``the Convention'' in cl. (i).

1987--Subsec. (a). Pub. L. 100-220, Sec. 2107(a), amended subsec. (a) generally. Prior to amendment, subsec. (a) read as follows: ``Unless otherwise specified herein, the Secretary shall administer and enforce the MARPOL Protocol and this chapter. In the administration and enforcement of the MARPOL Protocol and this chapter, Annexes I and II of the MARPOL Protocol shall be applicable only to seagoing ships.''

Subsec. (b). Pub. L. 100-220, Sec. 2107(b), designated existing provisions as par. (1) and added par. (2).

Effective Date of 1987 Amendment

Amendment by Pub. L. 100-220 effective Dec. 31, 1988, the date on which Annex V to the International Convention for the Prevention of Pollution from Ships, 1973, entered into force for the United States, see section 2002(a) of Pub. L. 100-220, set out as a note under section 1901 of this title.

Effective Date

Subsec. (b) of this section effective Oct. 21, 1980, see section 14(b) of Pub. L. 96-478, set out as a note under section 1901 of this title.

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[Laws in effect as of January 23, 2000]
[Document not affected by Public Laws enacted between
January 23, 2000 and December 4, 2001]
[CITE: **46USC3703**]

TITLE 46--SHIPPING

Subtitle II--Vessels and Seamen

Part B--Inspection and Regulation of Vessels

CHAPTER 37--CARRIAGE OF LIQUID BULK DANGEROUS CARGOES

Sec. 3703. Regulations

(a) The Secretary shall prescribe regulations for the design, construction, alteration, repair, maintenance, operation, equipping, personnel qualification, and manning of vessels to which this chapter applies, that may be necessary for increased protection against hazards to life and property, for navigation and vessel safety, and for enhanced protection of the marine environment. The Secretary may prescribe different regulations applicable to vessels engaged in the domestic trade, and also may prescribe regulations that exceed standards set internationally. Regulations prescribed by the Secretary under this subsection are in addition to regulations prescribed under other laws that may apply to any of those vessels. Regulations prescribed under this subsection shall include requirements about--

- (1) superstructures, hulls, cargo holds or tanks, fittings, equipment, appliances, propulsion machinery, auxiliary machinery, and boilers;
- (2) the handling or stowage of cargo, the manner of handling or stowage of cargo, and the machinery and appliances used in the handling or stowage;
- (3) equipment and appliances for lifesaving, fire protection, and prevention and mitigation of damage to the marine environment;
- (4) the manning of vessels and the duties, qualifications, and training of the officers and crew;
- (5) improvements in vessel maneuvering and stopping ability and other features that reduce the possibility of marine casualties;
- (6) the reduction of cargo loss if a marine casualty occurs; and
- (7) the reduction or elimination of discharges during ballasting, deballasting, tank cleaning, cargo handling, or other such activity.

(b) In prescribing regulations under subsection (a) of this section, the Secretary shall consider the types and grades of cargo permitted to be on board a tank vessel.

(c) In prescribing regulations under subsection (a) of this section, the Secretary shall establish procedures for consulting with, and receiving and considering the views of--

- (1) interested departments, agencies, and instrumentalities of the United States Government;
- (2) officials of State and local governments;
- (3) representatives of port and harbor authorities and associations;
- (4) representatives of environmental groups; and
- (5) other interested parties knowledgeable or experienced in dealing with problems involving vessel safety, port and waterways safety, and protection of the marine environment.

(Pub. L. 98-89, Aug. 26, 1983, 97 Stat. 522.)

Historical and Revision Notes

Revised section	Source section (U.S. Code)
3703.....	46:391a(6) 46:391a(12)

Section 3703 requires the Secretary to issue regulations to implement this section. Specific items are listed to be included within the regulations issued. The regulatory authority must be exercised under the Administrative Procedure Act and, in prescribing these regulations, the Secretary must consider the kinds and grades of cargo carried on board. Furthermore, in addition to any requirements of the Administrative Procedure Act, the Secretary must establish specific consultation procedures for considering the views of various specified interested officials, groups, and individuals. The procedures are intended to provide for consultation as early as possible in the regulatory process.

Studies Addressing Various Sources of Oil Spill Risk

Pub. L. 104-324, title IX, Sec. 903, Oct. 19, 1996, 110 Stat. 3947, provided that:

((a) Study of Group-5 Fuel Oil Spills.--

((1) Definition.--In this subsection, the term 'group-5 fuel oil' means a petroleum-based oil that has a specific gravity of greater than 1.0.

((2) Coordination of study.--The Secretary of Transportation shall coordinate with the Marine Board of the National Research Council to conduct a study of the relative environmental and public health risks posed by discharges of group-5 fuel oil.

((3) Matters to be included.--The study under this subsection shall include a review and analysis of--

((A) the specific risks posed to the public health or welfare of the United States, including fish, shellfish and wildlife, public and private property, shorelines, beaches, habitat, and other natural resources under the jurisdiction or control of the United States, as a result of an actual or threatened discharge of group-5 fuel oil from a vessel or facility;

((B) cleanup technologies currently available to address actual or threatened discharge of group-5 fuel oil; and

((C) any technological and financial barriers that prevent the prompt remediation of discharges of group-5 fuel oil.

((4) Report.--Not later than 18 months after the date of enactment of this Act [Oct. 19, 1996], the Secretary of Transportation shall submit to the Committee on Environment and Public Works and the Committee on Commerce, Science, and Transportation of the Senate, and the Committee on Transportation and Infrastructure of the House of Representatives a report on the results of the study under this subsection.

((5) Rulemaking.--If the Secretary of Transportation determines, based on the results of the study under this subsection, that there are significant risks to public health or the environment resulting from the actual or threatened discharge of group-5 fuel oil from a vessel or facility that cannot be technologically or economically addressed by existing or anticipated cleanup efforts, the Secretary may initiate a rulemaking to take such action as is necessary to abate the threat.

((b) Study of Automatic Fueling Shutoff Equipment.--

((1) Coordination of study.--The Secretary of Transportation shall coordinate with the Marine Board of the National Research Council to conduct a study of the unintentional or accidental

discharge of fuel oil during lightering or fuel loading or off-loading activity.

((2) Matters to be included.--The study under this subsection shall include a review and analysis of current monitoring and fueling practices to determine the need for automatic fuel shutoff equipment to prevent the accidental discharge of fuel oil, and whether such equipment is needed as a supplement to or replacement of existing preventive equipment or procedures.

((3) Report.--Not later than 18 months after the date of enactment of this Act [Oct. 19, 1996], the Secretary of Transportation shall submit to the Committee on Environment and Public Works and the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report on the results of the study under this subsection.

((4) Rulemaking.--If the Secretary of Transportation determines, based on the results of the study conducted under this subsection, that the use of automatic oil shutoff equipment is necessary to prevent the actual or threatened discharge of oil during lightering or fuel loading or off[-]loading activity, the Secretary may initiate a rulemaking to take such action as is necessary to abate a threat to public health or the environment.

((c) Lightering Study.--The Secretary of Transportation shall coordinate with the Marine Board of the National Research Council on a study into the actual incidence and risk of oil spills from lightering operations off the coast of the United States. Among other things, the study shall address the manner in which existing regulations are serving to reduce oil spill risks. The study shall take into account current or proposed international rules and standards and also include recommendations on measures that would be likely to further reduce the risks of oil spills from lightering operations. Not later than 18 months after the date of enactment of this Act [Oct. 19, 1996], the Secretary shall submit a report on the study to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.''

Existing Tank Vessel Research

Pub. L. 104-324, title XI, Sec. 1134, Oct. 19, 1996, 110 Stat. 3985, provided that:

((a) Funding.--The Secretary of Transportation shall take steps to allocate funds appropriated for research, development, testing, and evaluation, including the combination of funds from any source available and authorized for this purpose, to ensure that any Government-sponsored project intended to evaluate double hull alternatives that provide equal or greater protection to the marine environment, or interim solutions to remediate potential environmental damage resulting from oil spills from existing tank vessels, commenced prior to the date of enactment of this section [Oct. 19, 1996], is fully funded for completion by the end of fiscal year 1997. Any vessel construction or repair necessary to carry out the purpose of this section must be performed in a shipyard located in the United States.

((b) Use of Public Vessels.--The Secretary may provide vessels owned by, or demise chartered to, and operated by the Government and not engaged in commercial service, without reimbursement, for use in and the support of projects sponsored by the Government for research, development, testing, evaluation, and demonstration of new or improved technologies that are effective in preventing or mitigating oil discharges and protecting the environment.''

Oil Spill Prevention and Response Technology Test and Evaluation Program

Pub.L. 103-206, title III, Sec. 310, Dec. 20, 1993, 107 Stat. 2425,

provided that:

((a) Not later than 6 months after the date of enactment of this Act [Dec. 20, 1993], the Secretary of Transportation shall establish a program to evaluate the technological feasibility and environmental benefits of having tank vessels carry oil spill prevention and response technology. To implement the program the Secretary shall--

((1) publish in the Federal Register an invitation for submission of proposals including plans and procedures for testing; and

((2) review and evaluate technology using, to the maximum extent possible, existing evaluation and performance standards.

((b) The Secretary shall, to the maximum extent possible, incorporate in the program established in subsection (a), the results of existing studies and evaluations of oil spill prevention and response technology carried on tank vessels.

((c) Not later than 2 years after the date of the enactment of this Act [Dec. 20, 1993], the Secretary shall evaluate the results of the program established in subsection (a) and submit a report to Congress with recommendations on the feasibility and environmental benefits of, and appropriate equipment and utilization standards for, requiring tank vessels to carry oil spill prevention and response equipment.

((d) Not later than 6 months after the date of the enactment of this Act [Dec. 20, 1993], the Secretary shall evaluate and report to the Congress on the feasibility of using segregated ballast tanks for emergency transfer of cargo and storage of recovered oil.'

Regulations Requiring Periodic Gauging of Plating Thickness for Oil Carrying Commercial Vessels

Pub. L. 101-380, title IV, Sec. 4109, Aug. 18, 1990, 104 Stat. 515, provided that: ((Not later than 1 year after the date of the enactment of this Act [Aug. 18, 1990], the Secretary shall issue regulations for vessels constructed or adapted to carry, or that carry, oil in bulk as cargo or cargo residue--

((1) establishing minimum standards for plating thickness; and

((2) requiring, consistent with generally recognized principles of international law, periodic gauging of the plating thickness of all such vessels over 30 years old operating on the navigable waters or the waters of the exclusive economic zone.'

Regulations Requiring Use of Overfill and Tank Level or Monitoring Devices on Oil Carrying Commercial Vessels

Pub. L. 101-380, title IV, Sec. 4110, Aug. 18, 1990, 104 Stat. 515, provided that:

((a) Standards.--Not later than 1 year after the date of the enactment of this Act [Aug. 18, 1990], the Secretary shall establish, by regulation, minimum standards for devices for warning persons of overfills and tank levels of oil in cargo tanks and devices for monitoring the pressure of oil cargo tanks.

((b) Use.--Not later than 1 year after the date of the enactment of this Act [Aug. 18, 1990], the Secretary shall issue regulations establishing, consistent with generally recognized principles of international law, requirements concerning the use of--

((1) overfill devices, and

((2) tank level or pressure monitoring devices,

which are referred to in subsection (a) and which meet the standards established by the Secretary under subsection (a), on vessels constructed or adapted to carry, or that carry, oil in bulk as cargo or cargo residue on the navigable waters and the waters of the exclusive economic zone.'

Tanker Navigation Safety Standards Study

Pub. L. 101-380, title IV, Sec. 4111, Aug. 18, 1990, 104 Stat. 515, directed Secretary, not later than 2 years after Aug. 18, 1990, to conduct a study and report to Congress on whether existing laws and regulations are adequate to ensure safe navigation of vessels transporting oil or hazardous substances in bulk on navigable waters and waters of the exclusive economic zone.

Rules Governing Operation of Vessels on Auto-Pilot or With Unattended Engine Room

Pub. L. 101-380, title IV, Sec. 4114(a), Aug. 18, 1990, 104 Stat. 517, provided that: ``In order to protect life, property, and the environment, the Secretary shall initiate a rulemaking proceeding within 180 days after the date of the enactment of this Act [Aug. 18, 1990] to define the conditions under, and designate the waters upon, which tank vessels subject to section 3703 of title 46, United States Code, may operate in the navigable waters with the auto-pilot engaged or with an unattended engine room.''

Regulations Requiring Escorts for Certain Tankers; ``Tanker'' Defined

Pub. L. 101-380, title IV, Sec. 4116(c), (d), Aug. 18, 1990, 104 Stat. 523, provided that:

``(c) Escorts for Certain Tankers.--Not later than 6 months after the date of the enactment of this Act [Aug. 18, 1990], the Secretary shall initiate issuance of regulations under section 3703(a)(3) of title 46, United States Code, to define those areas, including Prince William Sound, Alaska, and Rosario Strait and Puget Sound, Washington (including those portions of the Strait of Juan de Fuca east of Port Angeles, Haro Strait, and the Strait of Georgia subject to United States jurisdiction), on which single hulled tankers over 5,000 gross tons transporting oil in bulk shall be escorted by at least two towing vessels (as defined under section 2101 of title 46, United States Code) or other vessels considered appropriate by the Secretary.

``(d) Tanker Defined.--In this section [amending section 8502 of this title] the term `tanker' has the same meaning the term has in section 2101 of title 46, United States Code.''

Section Referred to in Other Sections

This section is referred to in title 42 section 7511b.

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Subtitle II--Vessels and Seamen

Part B--Inspection and Regulation of Vessels

CHAPTER 37--CARRIAGE OF LIQUID BULK DANGEROUS CARGOES

Sec. 3703a. Tank vessel construction standards

(a) Except as otherwise provided in this section, a vessel to which this chapter applies shall be equipped with a double hull--

(1) if it is constructed or adapted to carry, or carries, oil in bulk as cargo or cargo residue; and

(2) when operating on the waters subject to the jurisdiction of the United States, including the Exclusive Economic Zone.

(b) This section does not apply to--

(1) a vessel used only to respond to a discharge of oil or a hazardous substance;

(2) a vessel of less than 5,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title equipped with a double containment system determined by the Secretary to be as effective as a double hull for the prevention of a discharge of oil;

(3) before January 1, 2015--

(A) a vessel unloading oil in bulk at a deepwater port licensed under the Deepwater Port Act of 1974 (33 U.S.C. 1501 et seq.); or

(B) a delivering vessel that is offloading in lightering activities--

(i) within a lightering zone established under section 3715(b)(5) of this title; and

(ii) more than 60 miles from the baseline from which the territorial sea of the United States is measured;

(4) a vessel documented under chapter 121 of this title that was equipped with a double hull before August 12, 1992;

(5) a barge of less than 1,500 gross tons (as measured under chapter 145 of this title) carrying refined petroleum product in bulk as cargo in or adjacent to waters of the Bering Sea, Chukchi Sea, and Arctic Ocean and waters tributary thereto and in the waters of the Aleutian Islands and the Alaskan Peninsula west of 155 degrees west longitude; or

(6) a vessel in the National Defense Reserve Fleet pursuant to section 11 of the Merchant Ship Sales Act of 1946 (50 App. U.S.C. 1744).

(c)(1) In this subsection, the age of a vessel is determined from the later of the date on which the vessel--

(A) is delivered after original construction;

(B) is delivered after completion of a major conversion; or

(C) had its appraised salvage value determined by the Coast Guard and is qualified for documentation under section 4136 of the Revised Statutes of the United States (46 App. U.S.C. 14).

(2) A vessel of less than 5,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title for which a building contract or contract for major conversion was placed before June 30, 1990, and that is delivered under that contract before January 1, 1994, and a vessel of less than 5,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title that had its appraised salvage value determined by the Coast Guard before June 30, 1990, and that qualifies for documentation under section 4136 of the Revised Statutes of the United States (46 App. U.S.C. 14) before January 1, 1994, may not operate in the navigable waters or the Exclusive Economic Zone of the United States after January 1, 2015, unless the vessel is equipped with a double hull or with a double containment system determined by the Secretary to be as effective as a double hull for the prevention of a discharge of oil.

(3) A vessel for which a building contract or contract for major conversion was placed before June 30, 1990, and that is delivered under that contract before January 1, 1994, and a vessel that had its appraised salvage value determined by the Coast Guard before June 30, 1990, and that qualifies for documentation under section 4136 of the Revised Statutes of the United States (46 App. U.S.C. 14) before January 1, 1994, may not operate in the navigable waters or Exclusive Economic Zone of the United States unless equipped with a double hull--

(A) in the case of a vessel of at least 5,000 gross tons but less than 15,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title--

(i) after January 1, 1995, if the vessel is 40 years old or older and has a single hull, or is 45 years old or older and has a double bottom or double sides;

(ii) after January 1, 1996, if the vessel is 39 years old or older and has a single hull, or is 44 years old or older and has a double bottom or double sides;

(iii) after January 1, 1997, if the vessel is 38 years old or older and has a single hull, or is 43 years old or older and has a double bottom or double sides;

(iv) after January 1, 1998, if the vessel is 37 years old or older and has a single hull, or is 42 years old or older and has a double bottom or double sides;

(v) after January 1, 1999, if the vessel is 36 years old or older and has a single hull, or is 41 years old or older and has a double bottom or double sides;

(vi) after January 1, 2000, if the vessel is 35 years old or older and has a single hull, or is 40 years old or older and has a double bottom or double sides; and

(vii) after January 1, 2005, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides;

(B) in the case of a vessel of at least 15,000 gross tons but less than 30,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title--

(i) after January 1, 1995, if the vessel is 40 years old or older and has a single hull, or is 45 years old or older and has a double bottom or double sides;

(ii) after January 1, 1996, if the vessel is 38 years old or older and has a single hull, or is 43 years old or older and has a double bottom or double sides;

(iii) after January 1, 1997, if the vessel is 36 years old or older and has a single hull, or is 41 years old or older and

has a double bottom or double sides;

(iv) after January 1, 1998, if the vessel is 34 years old or older and has a single hull, or is 39 years old or older and has a double bottom or double sides;

(v) after January 1, 1999, if the vessel is 32 years old or older and has a single hull, or 37 years old or older and has a double bottom or double sides;

(vi) after January 1, 2000, if the vessel is 30 years old or older and has a single hull, or is 35 years old or older and has a double bottom or double sides;

(vii) after January 1, 2001, if the vessel is 29 years old or older and has a single hull, or is 34 years old or older and has a double bottom or double sides;

(viii) after January 1, 2002, if the vessel is 28 years old or older and has a single hull, or is 33 years old or older and has a double bottom or double sides;

(ix) after January 1, 2003, if the vessel is 27 years old or older and has a single hull, or is 32 years old or older and has a double bottom or double sides;

(x) after January 1, 2004, if the vessel is 26 years old or older and has a single hull, or is 31 years old or older and has a double bottom or double sides; and

(xi) after January 1, 2005, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides; and

(C) in the case of a vessel of at least 30,000 gross tons as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title--

(i) after January 1, 1995, if the vessel is 28 years old or older and has a single hull, or 33 years old or older and has a double bottom or double sides;

(ii) after January 1, 1996, if the vessel is 27 years old or older and has a single hull, or is 32 years old or older and has a double bottom or double sides;

(iii) after January 1, 1997, if the vessel is 26 years old or older and has a single hull, or is 31 years old or older and has a double bottom or double sides;

(iv) after January 1, 1998, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides;

(v) after January 1, 1999, if the vessel is 24 years old or older and has a single hull, or 29 years old or older and has a double bottom or double sides; and

(vi) after January 1, 2000, if the vessel is 23 years old or older and has a single hull, or is 28 years old or older and has a double bottom or double sides.

(4) Except as provided in subsection (b) of this section--

(A) a vessel that has a single hull may not operate after January 1, 2010; and

(B) a vessel that has a double bottom or double sides may not operate after January 1, 2015.

(d) The operation of barges described in subsection (b) (5) outside waters described in that subsection shall be on any conditions as the Secretary may require.

(e) (1) For the purposes of this section and except as otherwise provided in paragraphs (2) and (3) of this subsection, the gross tonnage of a vessel shall be the gross tonnage that would have been recognized by the Secretary on July 1, 1997, as the tonnage measured under section 14502 of this title, or as an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title.

(2) (A) The Secretary may waive the application of paragraph (1) to a tank vessel if--

(i) the owner of the tank vessel applies to the Secretary for the waiver before January 1, 1998;

(ii) the Secretary determines that--

(I) the owner of the tank vessel has entered into a binding agreement to alter the tank vessel in a shipyard in the United States to reduce the gross tonnage of the tank vessel by converting a portion of the cargo tanks of the tank vessel into protectively located segregated ballast tanks; and

(II) that conversion will result in a significant reduction in the risk of a discharge of oil;

(iii) at least 60 days before the date of the issuance of the waiver, the Secretary--

(I) publishes notice that the Secretary has received the application and made the determinations required by clause (ii), including a description of the agreement entered into pursuant to clause (ii) (I); and

(II) provides an opportunity for submission of comments regarding the application; and

(iv) the alterations referred to in clause (ii) (I) are completed before the later of--

(I) the date by which the first special survey of the tank vessel is required to be completed after the date of the enactment of the National Defense Authorization Act for Fiscal Year 1998; or

(II) July 1, 1999.

(B) A waiver under subparagraph (A) shall not be effective after the expiration of the 3-year period beginning on the first date on which the tank vessel would have been prohibited by subsection (c) from operating if the alterations referred to in subparagraph (A) (ii) (I) were not made.

(3) This subsection does not apply to a tank vessel that, before July 1, 1997, had undergone, or was the subject of a contract for, alterations that reduce the gross tonnage of the tank vessel, as shown by reliable evidence acceptable to the Secretary.

(Added Pub. L. 101-380, title IV, Sec. 4115(a), Aug. 18, 1990, 104 Stat. 517; amended Pub. L. 104-324, title VII, Sec. 715, title XI, Sec. 1103, Oct. 19, 1996, 110 Stat. 3937, 3966; Pub. L. 105-85, div. C, title XXXVI, Sec. 3606, Nov. 18, 1997, 111 Stat. 2077.)

References in Text

The Deepwater Port Act of 1974, referred to in subsec. (b) (3) (A), is Pub. L. 93-627, Jan. 3, 1975, 88 Stat. 2126, as amended, which is classified generally to chapter 29 (Sec. 1501 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1501 of Title 33 and Tables.

The date of the enactment of the National Defense Authorization Act for Fiscal Year 1998, referred to in subsec. (e) (2) (A) (iv) (I), is the date of enactment of Pub. L. 105-85, which was approved Nov. 18, 1997.

Amendments

1997--Subsec. (e). Pub. L. 105-85 added subsec. (e).

1996--Subsec. (b) (2). Pub. L. 104-324, Sec. 715(1), inserted ``as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title'' after ``5,000 gross tons''.

Subsec. (b) (4) to (6). Pub. L. 104-324, Sec. 1103(1), added pars. (4) to (6).

Subsec. (c) (2). Pub. L. 104-324, Sec. 715(2), inserted ``as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title'' after ``5,000 gross tons'' in two places.

Subsec. (c) (3) (A). Pub. L. 104-324, Sec. 715(3), inserted ``as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title'' after ``15,000 gross tons''.

Subsec. (c) (3) (B). Pub. L. 104-324, Sec. 715(4), inserted ``as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title'' after ``30,000 gross tons''.

Subsec. (c) (3) (C). Pub. L. 104-324, Sec. 715(5), inserted ``as measured under section 14502 of this title, or an alternate tonnage measured under section 14302 of this title as prescribed by the Secretary under section 14104 of this title'' after ``30,000 gross tons''.

Subsec. (d). Pub. L. 104-324, Sec. 1103(2), added subsec. (d).

Effective Date

Section applicable to incidents occurring after Aug. 18, 1990, see section 1020 of Pub. L. 101-380, set out as a note under section 2701 of Title 33, Navigation and Navigable Waters.

Tank Vessels Over 5,000 Gross Tons To Comply Until January 1, 2015, With Environmentally Protective Structural and Operational Requirements

Section 4115(b) of Pub. L. 101-380 provided that: ``The Secretary shall, within 12 months after the date of the enactment of this Act [Aug. 18, 1990], complete a rulemaking proceeding and issue a final rule to require that tank vessels over 5,000 gross tons affected by section 3703a of title 46, United States Code, as added by this section, comply until January 1, 2015, with structural and operational requirements that the Secretary determines will provide as substantial protection to the environment as is economically and technologically feasible.''

Study on Other Structural and Operational Tank Vessel Requirements

Pub. L. 101-380, title IV, Sec. 4115(e), Aug. 18, 1990, 104 Stat. 520, as amended by Pub. L. 105-383, title IV, Sec. 423, Nov. 13, 1998, 112 Stat. 3440, provided that:

``(1) Other requirements.--Not later than 6 months after the date of enactment of this Act [Aug. 18, 1990], the Secretary shall determine, based on recommendations from the National Academy of Sciences or other qualified organizations, whether other structural and operational tank vessel requirements will provide protection to the marine environment equal to or greater than that provided by double hulls, and shall report to the Congress that determination and recommendations for legislative action.

``(2) Review and assessment.--The Secretary shall--

``(A) periodically review recommendations from the National Academy of Sciences and other qualified organizations on methods for further increasing the environmental and operational safety of tank vessels;

``(B) not later than 5 years after the date of enactment of this Act [Aug. 18, 1990], assess the impact of this section on the safety of the marine environment and the economic viability and operational

makeup of the maritime oil transportation industry; and

((C) report the results of the review and assessment to the Congress with recommendations for legislative or other action.

((3) (A) The Secretary of Transportation shall coordinate with the Marine Board of the National Research Council to conduct the necessary research and development of a rationally based equivalency assessment approach, which accounts for the overall environmental performance of alternative tank vessel designs. Notwithstanding the Coast Guard opinion of the application of sections 101 and 311 of the Clean Water Act (33 U.S.C. 1251 and 1321), the intent of this study is to establish an equivalency evaluation procedure that maintains a high standard of environmental protection, while encouraging innovative ship design. The study shall include:

((i) development of a generalized cost spill data base, which includes all relevant costs such as clean-up costs and environmental impact costs as a function of spill size;

((ii) refinement of the probability density functions used to establish the extent of vessel damage, based on the latest available historical damage statistics, and current research on the crash worthiness of tank vessel structures;

((iii) development of a rationally based approach for calculating an environmental index, to assess overall outflow performance due to collisions and groundings; and

((iv) application of the proposed index to double hull tank vessels and alternative designs currently under consideration.

((B) A Marine Board committee shall be established not later than [sic] 2 months after the date of the enactment of the Coast Guard Authorization Act of 1998 [Nov. 13, 1998]. The Secretary of Transportation shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure in the House of Representatives a report on the results of the study not later than 12 months after the date of the enactment of the Coast Guard Authorization Act of 1998.

((C) Of the amounts authorized by section 1012(a)(5)(A) of this Act [33 U.S.C. 2712(a)(5)(A)], \$500,000 is authorized to carry out the activities under subparagraphs (A) and (B) of this paragraph.''

Territorial Sea of United States

For extension of territorial sea of United States, see Proc. No. 5928, set out as a note under section 1331 of Title 43, Public Lands.

Contiguous Zone of United States

For extension of contiguous zone of United States, see Proc. No. 7219, Sept. 2, 1999, 64 F.R. 48701, set out as a note under section 1331 of Title 43, Public Lands.

Section Referred to in Other Sections

This section is referred to in section 3715 of this title; title 50 App. section 1744.

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 [Laws in effect as of January 23, 2000]
 [Document not affected by Public Laws enacted between
 January 23, 2000 and December 4, 2001]
 [CITE: **46USC3710**]

TITLE 46--SHIPPING

Subtitle II--Vessels and Seamen

Part B--Inspection and Regulation of Vessels

CHAPTER 37--CARRIAGE OF LIQUID BULK DANGEROUS CARGOES

Sec. 3710. Evidence of compliance by vessels of the United States

(a) A vessel of the United States to which this chapter applies that has on board oil or hazardous material in bulk as cargo or cargo residue must have a certificate of inspection issued under this part, endorsed to indicate that the vessel complies with regulations prescribed under this chapter.

(b) Each certificate endorsed under this section is valid for not more than 5 years and may be renewed as specified by the Secretary. In appropriate circumstances, the Secretary may issue a temporary certificate valid for not more than 30 days. A certificate shall be suspended or revoked if the Secretary finds that the vessel does not comply with the conditions under which the certificate was issued.

(Pub. L. 98-89, Aug. 26, 1983, 97 Stat. 524; Pub. L. 104-324, title VI, Sec. 605(b), Oct. 19, 1996, 110 Stat. 3931.)

Historical and Revision Notes

Revised section	Source section (U.S. Code)
3710.....	46:391a(8) (A) 46:391a(8) (E)

Section 3710 prohibits any vessels of the United States subject to this chapter from having on board oil or hazardous material in bulk as cargo or in residue, unless it has a required Certificate of Inspection endorsed to indicate vessel compliance with applicable regulations. Certificates shall be valid for a period not to exceed two years and may be renewed as specified by the Secretary. The Secretary may issue temporary certificates of not more than thirty days duration and may revoke or suspend any certificate under designated circumstances.

Amendments

1996--Subsec. (b). Pub. L. 104-324 substituted ``5 years'' for ``24 months''.

Section Referred to in Other Sections

This section is referred to in section 3715 of this title.

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[Laws in effect as of January 23, 2000]
[Document not affected by Public Laws enacted between
January 23, 2000 and December 4, 2001]
[CITE: **46USC3711**]

TITLE 46--SHIPPING

Subtitle II--Vessels and Seamen

Part B--Inspection and Regulation of Vessels

CHAPTER 37--CARRIAGE OF LIQUID BULK DANGEROUS CARGOES

Sec. 3711. Evidence of compliance by foreign vessels

(a) A foreign vessel to which this chapter applies may operate on the navigable waters of the United States, or transfer oil or hazardous material in a port or place under the jurisdiction of the United States, only if the vessel has been issued a certificate of compliance by the Secretary. The Secretary may issue the certificate only after the vessel has been examined and found to be in compliance with this chapter and regulations prescribed under this chapter. The Secretary may accept any part of a certificate, endorsement, or document, issued by the government of a foreign country under a treaty, convention, or other international agreement to which the United States is a party, as a basis for issuing a certificate of compliance.

(b) A certificate issued under this section is valid for not more than 24 months and may be renewed as specified by the Secretary. In appropriate circumstances, the Secretary may issue a temporary certificate valid for not more than 30 days.

(c) A certificate shall be suspended or revoked if the Secretary finds that the vessel does not comply with the conditions under which the certificate was issued.

(Pub. L. 98-89, Aug. 26, 1983, 97 Stat. 525.)

Historical and Revision Notes

Revised section	Source section (U.S. Code)
3711.....	46:391a(8) (B) 46:391a(8) (C) 46:391a(8) (E)

Section 3711 prohibits any foreign vessel from operating on the navigable waters of the United States or from transferring oil or hazardous material in any port or place under the jurisdiction of the United States, unless it has a certificate of compliance issued by the Secretary indicating that the vessel has been examined and found to be in compliance with the provisions of the applicable regulations. It also authorizes the Secretary to accept, in whole or in part, an appropriate foreign certificate issued pursuant to any international agreement to which the United States is a party, as a basis for issuing the certificate of compliance. This means that the Secretary does not have to accept foreign certificates as evidence of compliance, but may take additional action to assure compliance with applicable domestic laws and regulations and international treaty provisions.

Section Referred to in Other Sections

This section is referred to in section 3715 of this title.

