trator of the Environmental Protection Agency is authorized to conduct a study to assist the city of New York in evaluating the technological options available for the removal of heavy metals and other toxic organic materials from the sewage sludge of the city of New York. The study shall also examine options available to reduce the amount of such pollutants entering the sewage system. The study is to be completed by July 1, 1981.

§ 1445. Authorization of appropriations

There are authorized to be appropriated for the first fiscal year after October 23, 1972, and for the next two fiscal years thereafter such sums as may be necessary to carry out this subchapter, but the sums appropriated for any such fiscal year may not exceed \$6,000,000. There are authorized to be appropriated not to exceed \$1,500,000 for the transition period (July 1 through September 30, 1976), not to exceed \$5,600,000 for fiscal year 1977, and not to exceed \$6,500,000 for fiscal year 1978, not to exceed \$11,396,000 for fiscal year 1981, not to exceed \$12,000,000 for fiscal year 1982, not to exceed \$10,635,000 for fiscal year 1986, not to exceed \$11,114,000 for fiscal year 1987, not to exceed \$13,500,000 for fiscal year 1989, and not to exceed \$14,500,000 for fiscal year 1990.

(Pub. L. 92-532, title II, §205, formerly §204, Oct. 23, 1972, 86 Stat. 1061; Pub. L. 94-62, §3, July 25, 1975, 89 Stat. 303; Pub. L. 94-326, §3, June 30, 1976, 90 Stat. 725; Pub. L. 95–153, §2, Nov. 4, 1977, 91 Stat. 1255; Pub. L. 96-381, §2, Oct. 6, 1980, 94 Stat. 1523; renumbered §205 and amended Pub. L. 99-272, title VI, §6064, Apr. 7, 1986, 100 Stat. 132; Pub. L. 100-627, title I, §103, Nov. 7, 1988, 102 Stat. 3213.)

Editorial Notes

PRIOR PROVISIONS

A prior section 205 of Pub. L. 92-532, which was classified to this section, was renumbered section 204 and is classified to section 1444 of this title.

AMENDMENTS

 $1988\mathrm{--Pub}.$ L. $100\mathrm{-}627$ inserted provision authorizing appropriations not to exceed \$13,500,000 for fiscal year 1989 and not to exceed \$14,500,000 for fiscal year 1990.

1986—Pub. L. 99-272 inserted provision authorizing appropriations not to exceed \$10,635,000 for fiscal year 1986 and not to exceed \$11,114,000 for fiscal year 1987.

1980-Pub. L. 96-381 inserted provision authorizing appropriations not to exceed \$11,396,000 for fiscal year 1981 and not to exceed \$12,000,000 for fiscal year 1982.

1977—Pub. L. 95-153 inserted provision authorizing appropriations not to exceed \$6,500,000 for fiscal year 1978. 1976—Pub. L. 94-326 inserted provision authorizing ap-

propriations not to exceed \$5,600,000 for fiscal year 1977. 1975—Pub. L. 94-62 inserted provision authorizing appropriations not to exceed \$1,500,000 for the transition period (July 1, through Sept. 30, 1976).

CHAPTER 28-POLLUTION CASUALTIES ON THE HIGH SEAS: UNITED STATES INTER-**VENTION**

Sec.

1471. Definitions.

Grave and imminent danger from oil pollu-1472.tion casualties to coastline or related interests of United States; Federal nonliability for Federal preventive measures on the high seas

Sec. 1473. Consultations and determinations respecting creation of hazards to human health, etc.; criteria for determinations respecting grave and imminent dangers of major harmful consequences to United States coastline or related interests.

Federal intervention actions.

1475. Consultation procedure.

1476. Emergencies.

Reasonable measures; considerations.

1478. Personal, flag state, and foreign state considerations

1479. Federal liability for unreasonable damages.

1480. Notification by Secretary of State.

1481. Violations; penalties.

1482. Consultation for nomination and nomination of experts, negotiators, etc.; proposal of amendments to list of substances other than convention oil; Presidential acceptance of amendments.

1483. Foreign government ships; immunity.

Interpretation and administration; other right, duty, privilege, or immunity and 1484. other remedy unaffected.

1485 Rules and regulations.

Oil Spill Liability Trust Fund.

Effective date. 1487.

§ 1471. Definitions

As used in this chapter-

(1) "a substance other than convention oil" means those oils, noxious substances, liquefied gases, and radioactive substances-

(A) enumerated in the protocol, or

(B) otherwise determined to be hazardous under section 1473(a) of this title;

(2) "convention" means the International Convention Relating to Intervention on the High Seas in Cases of Oil Pollution Casualties, 1969, including annexes thereto;
(3) "convention oil" means crude oil, fuel

oil, diesel oil, and lubricating oil;

(4) "Secretary" means the Secretary of the department in which the Coast Guard is operating:

(5) "ship" means—

(A) a seagoing vessel of any type whatsoever, and

(B) any floating craft, except an installation or device engaged in the exploration and exploitation of the resources of the seabed and the ocean floor and the subsoil

(6) "protocol" means the Protocol Relating to Intervention on the High Seas in Cases of Marine Pollution by Substances Other Than Oil, 1973, including annexes thereto; and

(7) "United States" means the States, the District of Columbia, the Commonwealth of Puerto Rico, the Canal Zone, Guam, American Samoa, the United States Virgin Islands, the Trust Territory of the Pacific Islands, the Commonwealth of the Northern Marianas, and any other commonwealth, territory, or possession of the United States.

(Pub. L. 93-248, §2, Feb. 5, 1974, 88 Stat. 8; Pub. L. 95–302, §1(1), June 26, 1978, 92 Stat. 344.)

Editorial Notes

REFERENCES IN TEXT

For definition of Canal Zone, referred to in par. (7), see section 3602(b) of Title 22, Foreign Relations and Intercourse.

AMENDMENTS

1978—Pub. L. 95–302 in cl. (1) substituted definition of "a substance other than convention oil" for definition of "ship", in cl. (2) substituted definition of "convention" for definition of "oil", in cl. (3) substituted definition of "convention" for definition of "convention", in cl. (5) substituted definition of "ship" for definition of "United States", and added cls. (6) and (7).

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 1978 AMENDMENT

For effective date of amendment by Pub. L. 95–302, see section 2 of Pub. L. 95–302, set out as a note under section 1487 of this title.

SHORT TITLE

Pub. L. 93-248, §1, Feb. 5, 1974, 88 Stat. 8, provided: "That this Act [enacting this chapter] may be cited as the 'Intervention on the High Seas Act'."

TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

Executive Documents

TERMINATION OF TRUST TERRITORY OF THE PACIFIC ISLANDS

For termination of Trust Territory of the Pacific Islands, see note set out preceding section 1681 of Title 48, Territories and Insular Possessions.

§ 1472. Grave and imminent danger from oil pollution casualties to coastline or related interests of United States; Federal nonliability for Federal preventive measures on the high

Whenever a ship collision, stranding, or other incident of navigation or other occurrence on board a ship or external to it resulting in material damage or imminent threat of material damage to the ship or her cargo creates, as determined by the Secretary, a grave and imminent danger to the coastline or related interests of the United States from pollution or threat of pollution of the sea by convention oil or of the sea or atmosphere by a substance other than convention oil which may reasonably be expected to result in major harmful consequences, the Secretary may, except as provided for in section 1479 of this title, without liability for any damage to the owners or operators of the ship, to her cargo or crew, to underwriters or other parties interested therein, take measures on the high seas, in accordance with the provisions of the convention, the protocol and this chapter, to prevent, mitigate, or eliminate that danger.

(Pub. L. 93-248, §3, Feb. 5, 1974, 88 Stat. 8; Pub. L. 95-302, §1(2), June 26, 1978, 92 Stat. 344.)

Editorial Notes

AMENDMENTS

1978—Pub. L. 95–302 substituted "convention oil or of the sea or atmosphere by a substance other than con-

vention oil" for "oil", and "convention, the protocol" for "Convention".

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 1978 AMENDMENT

For effective date of amendment by Pub. L. 95–302, see section 2 of Pub. L. 95–302, set out as a note under section 1487 of this title.

- § 1473. Consultations and determinations respecting creation of hazards to human health, etc.; criteria for determinations respecting grave and imminent dangers of major harmful consequences to United States coastline or related interests
- (a) The Secretary, after consultation with the Administrator of the Environmental Protection Agency and the Secretary of Commerce, shall determine when a substance other than those enumerated in the protocol is liable to create a hazard to human health, to harm living resources, to damage amenities, or to interfere with other legitimate uses of the sea.
- (b) In determining whether there is grave and imminent danger of major harmful consequences to the coastline or related interests of the United States, the Secretary shall consider the interests of the United States directly threatened or affected including but not limited to, human health, fish, shellfish, and other living marine resources, wildlife, coastal zone and estuarine activities, and public and private shorelines and beaches.

(Pub. L. 93–248, §4, Feb. 5, 1974, 88 Stat. 9; Pub. L. 95–302, §1(3), June 26, 1978, 92 Stat. 344.)

Editorial Notes

AMENDMENTS

1978—Pub. L. 95–302 added subsec. (a), designated existing provisions as subsec. (b), and inserted "human health." before "fish".

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 1978 AMENDMENT

For effective date of amendment by Pub. L. 95–302, see section 2 of Pub. L. 95–302, set out as a note under section 1487 of this title.

§ 1474. Federal intervention actions

Upon a determination under section 1472 of this title of a grave and imminent danger to the coastline or related interests of the United States, the Secretary may—

- (1) coordinate and direct all public and private efforts directed at the removal or elimination of the threatened pollution damage;
- (2) directly or indirectly undertake the whole or any part of any salvage or other action he could require or direct under subsection (1) of this section; and
- (3) remove, and, if necessary, destroy the ship and cargo which is the source of the dan-

(Pub. L. 93-248, §5, Feb. 5, 1974, 88 Stat. 9.)

§ 1475. Consultation procedure

Before taking any measure under section 1474 of this title, the Secretary shall—