

discharge of oil resulting from failure of manifold, mechanical loading arm, or other transfer equipment or hoses, as appropriate;

2.2.3.1 Tank overflow;

2.2.3.2 Tank rupture;

2.2.3.3 Piping rupture;

2.2.3.4 Piping leak, both under pressure and not under pressure, if applicable;

2.2.3.5 Explosion or fire;

2.2.3.6 Equipment failure (e.g., pumping system failure, relief valve failure, or other general equipment relevant to operational activities associated with internal or external facility transfers).

2.2.4 Procedures for transferring responsibility for direction of response activities from facility personnel to the spill management team.

2.2.5 Familiarity with the operational capabilities of the contracted oil spill removal organizations and the procedures to notify the activate such organizations.

2.2.6 Familiarity with the contracting and ordering procedures to acquire oil spill removal organization resources.

2.2.7 Familiarity with the ACP(s).

2.2.8 Familiarity with the organizational structures that will be used to manage the response actions.

2.2.9 Responsibilities and duties of the spill management team members in accordance with designated job responsibilities.

2.2.10 Responsibilities and authority of the qualified individual as described in the facility response plan and company response organization.

2.2.11 Responsibilities of designated individuals to initiate a response and supervise response resources.

2.2.12 Actions to take, in accordance with designated job responsibilities, in the event of a transfer system leak, tank overflow, or suspected cargo tank or hull leak.

2.2.13 Information on the cargoes handled by the vessel or facility, including familiarity with—

2.2.13.1 Cargo material safety data sheets;

2.2.13.2 Chemical characteristic of the cargo;

2.2.13.3 Special handling procedures for the cargo;

2.2.13.4 Health and safety hazards associated with the cargo; and

2.2.13.5 Spill and firefighting procedures for cargo.

2.2.14 Occupational Safety and Health Administration requirements for worker health and safety (29 CFR 1910.120).

### 3. Further Considerations

In drafting the training section of the facility response plan, some further considerations are noted below (these points are raised simply as a reminder):

3.1 The training program should focus on training provided to facility personnel.

3.2 An organization is comprised of individuals, and a training program should be structured to recognize this fact by ensuring that training is tailored to the needs of the individuals involved in the program.

3.3 An owner or operator may identify equivalent work experience which fulfills specific training requirements.

3.4 The training program should include participation in periodic announced and unannounced exercises. This participation should approximate the actual roles and responsibilities of individual specified in the plan.

3.5 Training should be conducted periodically to reinforce the required knowledge and to ensure an adequate degree of preparedness by individuals with responsibilities under the facility response plan.

3.6 Training may be delivered via a number of different means; including classroom sessions, group discussions, video tapes, self-study workbooks, resident training courses, on-the-job training, or other means as deemed appropriate to ensure proper instruction.

3.7 New employees should complete the training program prior to being assigned job responsibilities which require participation in emergency response situations.

### 4. Conclusion

The information in this appendix is only intended to assist response plan preparers in reviewing the content of and in modifying the training section of their response plans. It may be more comprehensive than is needed for some facilities and not comprehensive enough for others. The Coast Guard expects that plan preparers have determined the training needs of their organizations created by the development of the response plans and the actions identified as necessary to increase the preparedness of the company and its personnel to respond to actual or threatened discharges of oil from their facilities.

[CGD 91-036, 61 FR 7938, Feb. 29, 1996]

## PART 155—OIL OR HAZARDOUS MATERIAL POLLUTION PREVENTION REGULATIONS FOR VESSELS

### Subpart A—General

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- 155.215 Discharge removal equipment for inland oil barges.
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- 155.225 Internal cargo transfer capability.
- 155.230 Emergency control systems for tank barges.
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- 155.350 Oily mixture (Bilge slops)/fuel oil tank ballast water discharges on oceangoing ships of less than 400 gross tons.
- 155.360 Oily Mixture (Bilge slops) discharges on oceangoing ships of 400 gross tons and above but less than 10,000 gross tons, excluding ships that carry ballast water in their fuel oil tanks.
- 155.370 Oily mixture (bilge slops)/fuel oil tank ballast water discharges on oceangoing ships of 10,000 gross tons and above and oceangoing ships of 400 gross tons and above that carry ballast water in their fuel oil tanks.
- 155.380 Oily-water separating equipment, bilge alarm, and bilge monitor approval standards.
- 155.400 Platform machinery space drainage on oceangoing fixed and floating drilling rigs and other platforms.
- 155.410 Pumping, piping and discharge requirements for U.S. non-oceangoing ships of 100 gross tons and above.
- 155.420 Pumping, piping and discharge requirements for oceangoing ships of 100 gross tons and above but less than 400 gross tons.
- 155.430 Standard discharge connections for oceangoing ships of 400 gross tons and above.
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- 155.1110 Purpose and applicability.
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- 155.1210 Purpose and applicability.
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- 155.2210 Purpose and applicability.
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APPENDIX A TO PART 155—SPECIFICATIONS FOR SHORE CONNECTION

APPENDIX B TO PART 155—DETERMINING AND EVALUATING REQUIRED RESPONSE RESOURCES FOR VESSEL RESPONSE PLANS

APPENDIX C TO PART 155—TRAINING ELEMENTS FOR OIL SPILL RESPONSE PLANS

AUTHORITY: 33 U.S.C. 1231, 1321(j); E.O. 11735, 3 CFR, 1971-1975 Comp., p. 793. Sections 155.100 through 155.130, 150.350 through 155.400, 155.430, 155.440, 155.470, 155.1030(j) and (k), and 155.1065(g) are also issued under 33 U.S.C. 1903(b). Sections 155.480, 155.490, 155.750(e), and 155.775 are also issued under 46 U.S.C. 3703. Section 155.490 also issued under section 4110(b) of Pub. L. 101-380.

NOTE: Additional requirements for vessels carrying oil or hazardous materials are contained in 46 CFR parts 30 through 40, 150, 151, and 153.

**Subpart A—General**

SOURCE: CGD 75-124a, 48 FR 45714, Oct. 6, 1983, unless otherwise noted.

**§ 155.100 Applicability.**

(a) Subject to the exceptions provided for in paragraph (b) and (c) of this section, this part applies to each ship that:

- (1) Is operated under the authority of the United States, wherever located; or
- (2) Is operated under the authority of a country other than the United States while in the navigable waters of the United States, or while at a port or terminal under the jurisdiction of the United States.

(b) This part does not apply to:

(1) A warship, naval auxiliary, or other ship owned or operated by a country when engaged in non-commercial service; or

(2) Any other ship specifically excluded by MARPOL 73/78.

(c) Section 155.480 applies to each tank vessel with a cargo capacity of 1,000 or more cubic meters (approximately 6,290 barrels), loading oil or oil residue as cargo that is operated under the authority of the United States, wherever located, or operated under the authority of a country other than the United States while in the navigable waters of the United States, or while at a port or terminal under the jurisdiction of the United States.

[CGD 75-124a, 48 FR 45714, Oct. 6, 1983, as amended by CGD 90-071a, 62 FR 48773, Sept. 17, 1997]

**§ 155.110 Definitions.**

Except as specifically stated in a section, the definitions in part 151 of this chapter, except for the word "oil", and in part 154 of this chapter, apply to this part.

[CGD 90-071a, 59 FR 53290, Oct. 21, 1994]

**§ 155.120 Equivalents.**

(a) For ships required to be surveyed under §151.17 of this chapter, the Commandant may, upon receipt of a written request, allow any fitting, material, appliance or apparatus to be fitted