

(iii) Portable pumps and ancillary equipment necessary to offload the vessel's largest cargo tank in 24 hours of continuous operation.

(2) Resources must be capable of reaching the locations in which the vessel operates within the stated times following notification:

(i) Inland, nearshore, and Great Lakes waters—12 hours.

(ii) Offshore waters and rivers and canals—18 hours.

(iii) Open ocean waters—36 hours.

(3) For barges operating in rivers and canals as defined in this subpart, the requirements of this paragraph (g)(3) may be met by listing resources capable of being deployed in an area within the response times in paragraph (g)(2) of this section. A vessel owner or operator may not identify such resources in a plan unless the response organization has provided written consent to be identified in a plan as an available resource.

(h) The response plan for a vessel that is located in any environment with year-round preapproval for use of dispersants suitable for animal fats and vegetable oils and that handles, stores, or transports animal fats or vegetable oils may request a credit for up to 25 percent of the worst case planning volume set forth by subpart D of this part. To receive this credit, the vessel owner or operator must identify in the plan and ensure, by contract or other approved means, the availability of specified resources to apply the dispersants and to monitor their effectiveness. To extent of the credit will be based on the volumes of the dispersant available to sustain operations at the manufacturers' recommended dosage rates. Other spill mitigation techniques, including mechanical dispersal, may be identified in the response plan, provided they are in accordance with the NCP and the applicable ACP. Resources identified for plan credit should be capable of being on scene within 12 hours of a discovery of a discharge. Identification of these resources does not imply that they will be authorized for use. Actual authorization for use during the spill response will be governed by the provisions of the NCP and the applicable ACP.

### Subpart G—Response Plan Requirements for Vessels Carrying Other Non-Petroleum Oils as a Primary Cargo

SOURCE: CGD 91-034, 61 FR 1099, Jan. 12, 1996, unless otherwise noted.

#### § 155.2210 Purpose and applicability.

This subpart establishes oil spill response planning requirements for an owner or operator of a vessel carrying other non-petroleum oils as a primary cargo. The requirements of this subpart are intended for use in developing response plans and identifying response resources during the planning process. They are not performance standards.

#### § 155.2225 Response plan submission requirements.

An owner or operator of a vessel carrying other non-petroleum oils as a primary cargo shall submit a response plan in accordance with the requirements of this subpart, and with all sections of subpart D of this part, except §§ 155.1050 and 155.1052.

#### § 155.2230 Response plan development and evaluation criteria.

(a) Owners and operators of vessels that carry other non-petroleum oil as a primary cargo must provide information in their plan that identifies—

(1) Procedures and strategies for responding to a worst case discharge of other non-petroleum oils to the maximum extent practicable; and

(2) Sources of the equipment and supplies necessary to contain, recover, and mitigate such a discharge.

(b) An owner or operator of a vessel carrying other non-petroleum oil as a primary cargo must ensure that any equipment identified in a response plan is capable of operating in the conditions expected in the geographic area(s) in which the vessel operates using the criteria in Table 1 of Appendix B of this part. When evaluating the operability of equipment, the vessel owner or operator must consider limitations that are identified in the Area Contingency Plans for the COTP zones in which the vessel operates, including—

(1) Ice conditions;

- (2) Debris;
- (3) Temperature ranges; and
- (4) Weather-related visibility.

(c) The owner or operator of a vessel carrying other non-petroleum oil as a primary cargo must identify in the response plan and ensure, through contract or other approved means, the availability of required equipment including—

- (1) Containment boom, sorbent boom, or other methods for containing oil floating on the surface or to protect shorelines from impact;
- (2) Oil recovery devices appropriate for the type of other non-petroleum oil carried; and
- (3) Other appropriate equipment necessary to respond to a discharge involving the type of other non-petroleum oil carried.

(d) Response resources identified in a response plan under paragraph (c) of this section must be capable of arriving on-scene within the applicable Tier 1 response times specified in this paragraph. An oil spill removal organization may not be listed in the plan unless the organization has provided written consent to be listed in the plan as an available resource. Response times from the time of discovery of a discharge are as follow:

	Tier 1	Tier 2	Tier 3
Higher volume port area.	12 hrs .....	N/A .....	N/A
Great Lakes .....	18 hrs .....	N/A .....	N/A
All other rivers and canals, inland, nearshore, and offshore areas.	24 hrs .....	N/A .....	N/A
Open ocean (plus travel time from shore).	24 hrs+ ....	N/A .....	N/A

(e) The owner or operator of a vessel carrying other non-petroleum oil as a primary cargo must identify in the response plan and ensure the availability of the following resources through contract or other approved means:

- (1) A salvage company with appropriate expertise and equipment.
- (2) A company with vessel fire-fighting capability that will respond to casualties in the area(s) in which the vessel is operating.

(f) Vessel owners or operators must identify intended sources of the resources required under paragraph (e) of

this section capable of being deployed to the areas in which the vessel will operate. A company may not be listed in the plan unless the company has provided written consent to be listed in the plan as an available resource. To meet this requirement in a response plan submitted for approval or re-approval on or after February 18, 1998, the vessel owner or operator must identify both the intended sources of this capability and demonstrate that the resources are capable of being deployed to the port nearest to the area where the vessel operates within 24 hours of discovery of a discharge.

(g) The owner or operator of a vessel carrying other non-petroleum oil as a primary cargo must identify in the response plan, and ensure the availability of, through contract or other approved means, certain resources required by subpart D of this part, §155.1035(c)(5)(ii) and §155.1040(c)(5)(i) of this part, as applicable.

- (1) Resources must include—
  - (i) Fendering equipment;
  - (ii) Transfer hoses and connection equipment; and
  - (iii) Portable pumps and ancillary equipment necessary to offload the vessel's largest cargo tank in 24 hours of continuous operation.

(2) Resources must be capable of reaching the locations in which the vessel operates within the stated times following notification:

- (i) Inland, nearshore, and Great Lakes waters—12 hours.
- (ii) Offshore waters and rivers and canals—18 hours.
- (iii) Open ocean waters—36 hours.

(3) For barges operating in rivers and canals as defined in this subpart, the requirements of this paragraph (g)(3) may be met by listing resources capable of being deployed in an area within the response times in paragraph (g)(2) of this section. A vessel owner or operator may not identify such resources in a plan unless the response organization has provided written consent to be identified in a plan as an available resource.

(h) The response plan for a vessel that is located in any environment with year-round preapproval for use of dispersants and that handles, stores, or transports other non-petroleum oils

may request a credit for up to 25 percent of the worst case planning volume set forth by subpart D of this part. To receive this credit, the vessel owner or operator must identify in the plan and ensure, by contract or other approved means, the availability of specified resources to apply the dispersants and to monitor their effectiveness. The extent of the credit will be based on the volumes of the dispersant available to sustain operations at the manufacturers' recommended dosage rates. Identification of these resources does not imply that they will be authorized for use. Actual authorization for use during a spill response will be governed by the provisions of the NCP and the applicable ACP.

APPENDIX A TO PART 155—  
SPECIFICATIONS FOR SHORE CONNECTION  
[See §§ 340, 350, 370 and 380 of this Part]

Item	Description	Dimension
1 .....	Outside diameter.	215 mm. (8 in.).
2 .....	Inside diameter	According to pipe outside diameter.
3 .....	Bolt circle diameter.	183 mm. (7 <sup>3</sup> / <sub>16</sub> in.).
4 .....	Slots in flange	6 holes 22 mm. (7/8 in.) in diameter shall be equidistantly placed on a bolt circle of the above diameter, slotted to the flange periphery. The slot width is to be 22 mm. (7/8 in.).
5 .....	Flange thickness.	20 mm. (3/4 in.).
6 .....	Bolts and nuts	6, each of 20 mm. (3/4 in.) in diameter and of suitable length.

The flange must be of steel having a flat face, with a gasket of oilproof material, and must be suitable for a service pressure of 6 kg./cm.2 (85 p.s.i.).

The steel materials used must meet the material specifications of standard B16.5, Steel Pipe Flanges and Flanged Fittings of the American National Standards Institute. (See § 154.106 of this chapter.)

[CGD 75-124, 45 FR 7176, Jan. 31, 1980]

APPENDIX B TO PART 155—DETERMINING  
AND EVALUATING REQUIRED RE-  
SPONSE RESOURCES FOR VESSEL RE-  
SPONSE PLANS

1. Purpose

1.1 The purpose of this appendix is to describe the procedures for identifying response resources to meet the requirements of subparts D, E, F, and G of this part. These guidelines will be used by the vessel owner or operator in preparing the response plan and

by the Coast Guard to review vessel response plans. Response plans submitted under subparts F and G of this part will be evaluated under the guidelines in section 2 and Table 1 of this appendix.

2. Equipment Operability and Readiness

2.1 All equipment identified in a response plan must be capable of operating in the conditions expected in the geographic area in which a vessel operates. These conditions vary widely based on the location and season. Therefore, it is difficult to identify a single stockpile of response equipment that will function effectively in every geographic location.

2.2 Vessels storing, handling, or transporting oil in more than one operating environment as indicated in Table 1 must identify equipment capable of successfully functioning in each operating environment. For example, vessels moving from the ocean to a river port must identify appropriate equipment designed to meet the criteria for transiting oceans, inland waterways, rivers, and canals. This equipment may be designed to operate in all of these environments or, more likely, different equipment may be designed for use in each area.

2.3 When identifying equipment for response plan credit, a vessel owner or operator must consider the inherent limitations in the operability of equipment components and response systems. The criteria in Table 1 of this appendix must be used for evaluating the operability in a given environment. These criteria reflect the general conditions in certain operating areas.

2.4 Table 1 of this appendix lists criteria for oil recovery devices and boom. All other equipment necessary to sustain or support response operations in a geographic area must be designed to function in the same conditions. For example, boats which deploy or support skimmers or boom must be capable of being safely operated in the significant wave heights listed for the applicable operating environment. The Coast Guard may require documentation that the boom identified in a response plan meets the criteria in Table 1 of this appendix. Absent acceptable documentation, the Coast Guard may require that the boom be tested to demonstrate that it meets the criteria in Table 1 of this appendix. Testing must be in accordance with certain American Society for Testing Materials (ASTM) standards [ASTM F 715 (incorporated by reference, see § 155.140) Standard Methods of Testing Spill Control Barrier Membrane Materials], or other tests approved by the Coast Guard.

2.5 A vessel owner or operator must refer to the applicable Area Contingency Plan to determine if ice, debris, and weather-related visibility are significant factors in evaluating the operability of equipment. The Area