

## SUBCHAPTER S—SUBDIVISION AND STABILITY

### PART 170—STABILITY REQUIREMENTS FOR ALL INSPECTED VESSELS

#### Subpart A—General Provisions

Sec.

- 170.001 Applicability.
- 170.003 Right of appeal.
- 170.005 Vessel alteration or repair.
- 170.010 Equivalents.
- 170.015 Incorporation by reference.
- 170.020 OMB control numbers assigned pursuant to the Paperwork Reduction Act.

#### Subpart B—Definitions

- 170.050 General terms.
- 170.055 Definitions concerning a vessel.

#### Subpart C—Plan Approval

- 170.070 Applicability.
- 170.075 Plans.
- 170.080 Stability booklet.
- 170.085 Information required before a stability test.
- 170.090 Calculations.
- 170.093 Specific approvals.
- 170.095 Data submittal for a vessel equipped to lift.
- 170.100 Addresses for submittal of plans and calculations.

#### Subpart D—Stability Instructions for Operating Personnel

- 170.105 Applicability.
- 170.110 Stability booklet.
- 170.120 Stability letter.
- 170.125 Operating information for a vessel engaged in lifting.
- 170.135 Operating information for a vessel with Type III subdivision.

#### Subpart E—Weather Criteria

- 170.160 Specific applicability.
- 170.170 Calculations required.
- 170.173 Criterion for vessels of unusual proportion and form.

#### Subpart F—Determination of Lightweight Displacement and Centers of Gravity

- 170.174 Specific applicability.
- 170.175 Stability test: General.
- 170.180 Plans and information required at the stability test.
- 170.185 Stability test preparations.
- 170.190 Stability test procedure modifications.

- 170.200 Estimated lightweight vertical center of gravity.

#### Subpart G—Special Installations

- 170.235 Fixed ballast.
- 170.245 Form flotation material.

#### Subpart H—Watertight Bulkhead Doors

- 170.248 Applicability.
- 170.250 Types and classes.
- 170.255 Class 1 doors; permissible locations.
- 170.260 Class 2 doors; permissible locations.
- 170.265 Class 3 doors; required locations.
- 170.270 Door design, operation, installation, and testing.
- 170.275 Special requirements for cargo space watertight doors.

#### Subpart I—Free Surface

- 170.285 Free surface correction for intact stability calculations.
- 170.290 Free surface correction for damage stability calculations.
- 170.295 Special considerations for free surface of passive roll stabilization tanks.
- 170.300 Special consideration for free surface of spoil in hopper dredge hoppers.

AUTHORITY: 43 U.S.C. 1333; 46 U.S.C. 2103, 3306, 3703; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGD 79-023, 48 FR 51010, Nov. 4, 1983, unless otherwise noted.

#### Subpart A—General Provisions

##### § 170.001 Applicability.

(a) This subchapter, except where specifically stated otherwise, applies to each vessel contracted for on or after March 11, 1996, that is—

(1) Inspected under another subchapter of this chapter; or

(2) A foreign vessel that must comply with the requirements in Subchapter 0 of this chapter.

(b) Each vessel contracted for before March 11, 1996 may be constructed in accordance with the regulations in effect at the time. However, any alterations or repairs must be done in accordance with §170.005.

§ 170.003

46 CFR Ch. I (10-1-06 Edition)

(c) Certain regulations in this subchapter apply only to limited categories of vessels. Specific applicability statements are provided at the beginning of those regulations.

[CGD 79-023, 48 FR 51010, Nov. 4, 1983, as amended by CGD 89-037, 57 FR 41825, Sept. 11, 1992; CGD 85-080, 61 FR 943, Jan. 10, 1996]

§ 170.003 Right of appeal.

Any person directly affected by a decision or action taken under this subchapter, by or on behalf of the Coast Guard, may appeal therefrom in accordance with subpart 1.03 of this chapter.

[CGD 88-033, 54 FR 50382, Dec. 6, 1989]

§ 170.005 Vessel alteration or repair.

(a) Alterations and repairs to inspected vessels must be done—

(1) Under the direction of the Officer in Charge, Marine Inspection; and

(2) Except as provided in paragraph (b) of this section, in accordance with the regulations in this subchapter, to the extent practicable.

(b) Minor alterations and repairs may be done in accordance with regulations in effect at the time the vessel was contracted for.

§ 170.010 Equivalents.

Substitutions for fittings, equipment, arrangements, calculations, information, or tests required in this subchapter may be approved by the Commandant, the Commanding Officer, U.S. Coast Guard Marine Safety Center, 400 Seventh St., SW., Washington, DC 20590-0001 or the Officer in Charge, Marine Inspection, if the substitution provides an equivalent level of safety.

[CGD 89-025, 54 FR 19572, May 8, 1989, as amended by CGD 96-041, 61 FR 50734, Sept. 27, 1996]

§ 170.015 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a). To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER and make the material available to the public. All approved

material is on file at the U.S. Coast Guard, Office of Design and Engineering Standards (G-MSE), 2100 Second Street SW., Washington, DC 20593-0001 and at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). All approved material is available from the sources indicated in paragraph (b) of this section.

(b) The material approved for incorporation by reference in this part and the sections affected are:

*American Society for Testing and Materials (ASTM)*

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM F 1196-94, Standard Specification for Sliding Watertight Door Assemblies—170.270

ASTM F 1197-89 (1994), Standard Specification for Sliding Watertight Door Control Systems—170.270

*Military Specification*

Naval Publications and Forms Center, Code 1052, 5801 Tabor Avenue, Philadelphia, PA 19120

MIL-P-21929B, Plastic Material, Cellular Polyurethane, Foam in Place, Rigid, 1970 .....170.245

*International Maritime Organization (IMO)*

Publications Section, International Maritime Organization, 4 Albert Embankment, London SE1 7SR, United Kingdom

Resolution A.265 (VIII) .....170.135

[CGD 88-032, 56 FR 35827, July 29, 1991, as amended by CGD 95-072, 60 FR 50468, Sept. 29, 1995; CGD 96-041, 61 FR 50734, Sept. 27, 1996; CGD 97-057, 62 FR 51049, Sept. 30, 1997; USCG-1999-5151, 64 FR 67186, Dec. 1, 1999; 69 FR 18803, Apr. 9, 2004]

§ 170.020 OMB control numbers assigned pursuant to the Paperwork Reduction Act.

(a) Purpose. This section collects and displays the control numbers assigned to information collection and record-keeping requirements in this subchapter by the Office of Management and Budget (OMB) pursuant to the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.). The Coast Guard intends that this section comply with the