

the length of time the liferaft remained in storage.

(3) For a liferaft stored indoors, under controlled temperatures (between 0 °C (32 °F) and 45 °C (113 °F)), for not more than 12 months from the date it was serviced or first packed, the expiration date may be extended up to the length of time the liferaft remained in storage, if the liferaft is opened, inspected, and repacked in a servicing facility approved in accordance with §§160.151-49 and 160.151-51. When the liferaft is opened—

(i) The condition of the liferaft must be visually checked and found to be satisfactory;

(ii) The inflation cylinders must be checked and weighed in accordance with paragraph (b)(12) of this section;

(iii) All survival equipment whose expiration date has passed must be replaced; and

(iv) All undated batteries must be replaced.

(o) The servicing facility must remove and destroy the markings of Coast Guard approval on each liferaft condemned in the course of any servicing test or inspection.

(p) The servicing facility must issue a certificate to the liferaft owner or owner's agent for each liferaft it services. The certificate must include—

(1) The name of the manufacturer of the liferaft;

(2) The serial number of the liferaft;

(3) The date of servicing and repacking;

(4) A record of the fifth-year gas-inflation test required in paragraph (g) of this section, whenever that test is performed;

(5) A record of the hydrostatic test of each inflation cylinder required in paragraph (e) of this section, whenever that test is performed;

(6) A record of any deviation from the procedures of the manufacturer's servicing manual authorized by the OCMI in accordance with §160.151-53(d);

(7) The identification of the servicing facility, including its name, address, and the approval code assigned by the Commandant in accordance with §160.151-51;

(8) The name, if known, of the vessel or vessel owner receiving the liferaft; and

(9) The date the liferaft is returned to the owner or owner's agent.

(q) The servicing facility must keep a record of each liferaft approved by the Coast Guard that it services for at least five years, and must make those records available to the Coast Guard upon request. Those records must include—

(1) The serial number of the liferaft;

(2) The date of servicing and repacking;

(3) The identification of any Coast Guard or third-party inspector present;

(4) The name, if known, of the vessel or vessel owner receiving the liferaft; and

(5) The date the liferaft is returned to the owner or owner's agent.

(r) The servicing facility must prepare and transmit to the OCMI, at least annually, statistics showing the nature and extent of damage to and defects found in liferafts during servicing and repair. The facility must notify the OCMI immediately of any critical defects it finds that may affect other liferafts.

[CGD 85-205, 62 FR 25547, May 9, 1997, as amended by USCG-1998-4442, 63 FR 52192, Sept. 30, 1998; USCG-2010-0759, 75 FR 60004, Sept. 29, 2010]

§ 160.151-59 Operating instructions and information for the ship's training manual.

(a) The liferaft manufacturer shall make operating instructions and information for the ship's training manual available in English to purchasers of inflatable liferafts approved by the Coast Guard, to enable vessel operators to meet regulations III/18.2, 19.3, 51, and 52 of SOLAS.

(b) The instructions and information required by paragraph (a) of this section may be combined with similar material for hydrostatic releases or launching equipment, and must explain—

(1) Release of the inflatable liferaft from its stowage position;

(2) Launching of the liferaft;

(3) Survival procedures, including instructions for use of survival equipment aboard; and

(4) Shipboard installations of the liferaft.

(c) The operating instructions required by paragraphs (a) and (b) of this section must also be made available in the form of an instruction placard. The placard must be not greater than 36 cm (14 in.) by 51 cm (20 in.), made of durable material and suitable for display near installations of liferafts on vessels, providing simple procedures and illustrations for launching, inflating, and boarding the liferaft.

§ 160.151-61 Maintenance instructions.

(a) The liferaft manufacturer shall make maintenance instructions available in English to purchasers of inflatable liferafts approved by the Coast Guard, to enable vessel operators to meet regulations III/19.3 and III/52 of SOLAS.

(b) The maintenance instructions required by paragraph (a) of this section must include—

- (1) A checklist for use in monthly, external, visual inspections of the packed liferaft;
- (2) An explanation of the requirements for periodic servicing of the liferaft by an approved servicing facility; and
- (3) A log for maintaining records of inspections and maintenance.

Subpart 160.171—Immersion Suits

SOURCE: CGD 84-069a, 52 FR 1188, Jan. 12, 1987, unless otherwise noted.

§ 160.171-1 Scope.

This subpart contains construction and performance requirements, and approval tests for adult and child insulated, buoyant immersion suits that are designed to prevent shock upon entering cold water and lessen the effect of hypothermia (extreme body heat loss due to immersion in cold water). Immersion suits approved under this subpart will meet the requirements of Regulation 33 of Chapter III of the International Convention for Safety of Life at Sea (SOLAS), 1974, under the Second Set of Amendments adopted 17 June 1983.

§ 160.171-3 Incorporation by reference.

(a) Certain materials are incorporated by reference into this subchapter with the approval of the Direc-

tor of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. The Office of the Federal Register publishes a table, "Material Approved for Incorporation by Reference," which appears in the Finding Aids section of this volume. In that table is found citations to the particular sections of this part where the material is incorporated. To enforce any edition other than the one listed in paragraph (b) of this section, notice of change must be published in the FEDERAL REGISTER and the material made available. All approved material is on file at the Office of the Federal Register, Washington, DC 20408, and at the U.S. Coast Guard, Lifesaving and Fire Safety Division (CG-5214), 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126.

(b) The materials approved for incorporation by reference in this subpart are:

AMERICAN SOCIETY FOR TESTING AND MATERIALS
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM B 117-97, Standard Practice for Operating Salt Spray (Fog) Apparatus—160.171-17

ASTM C 177-85 (1993), Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus—160.171-17

ASTM C 518-91, Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus—160.171-17

ASTM D 975-98, Standard Specification for Diesel Fuel Oils—160.171-17

ASTM D 1004-94a, Standard Test Method for Initial Tear Resistance of Plastic Film and Sheeting—160.171-17

FEDERAL STANDARDS SPECIFICATION UNIT (WFSIA)

Regional Office Building, Room 6039, 7th and D Streets SW, Washington, DC 20407.

National Bureau of Standards Special Publication 440—Color, Universal Language and Dictionary of Names; December 1976.

Federal Test Method Standard No. 191a dated July 20, 1978, Method 5304.1, Abrasion Resistance of Cloth, Oscillatory Cylinder (Wyzenbeek) Method, dated July 9, 1971.

Federal Standard No. 751a, Stitches, Seams, and Stitchings, dated January 25, 1965.

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