

may be present from protective coatings or residues from cargoes.

(2) When not in such a port or place, and a marine chemist or such person authorized by the Officer in Charge, Marine Inspection, is not reasonably available, the inspection shall be made by the senior officer in the crew present and a proper entry shall be made in the vessel's logbook.

(d) It shall be the responsibility of the senior officer present to secure copies of certificates issued by the certified marine chemist or such person authorized by the Officer in Charge, Marine Inspection. It shall be the responsibility of the senior officer in the crew present, insofar as the persons under his control are concerned, to maintain a safe condition on the vessel by full observance of all qualifications and requirements listed by the marine chemist in the certificate.

[CGFR 67-83, 33 FR 1118, Jan. 27, 1968, as amended by CGD 95-072, 60 FR 50469, Sept. 29, 1995]

Subpart 189.55—Plan Approval

§ 189.55-1 General.

(a) The following list of required plans in §189.55-5 is general in character, but includes all plans which normally show construction and safety features coming under the cognizance of the Coast Guard. In the case of a particular vessel, all of the plans enumerated may not be applicable and it is intended that only those plans and specifications be submitted as will clearly show the vessel's arrangements, construction and required equipment.

(b) In the following list of required plans in §189.55-5, the items which must be approved by the American Bureau of Shipping for vessels classed by that organization are indicated by an asterisk. When prints bearing record of such approval by the American Bureau of Shipping are forwarded to the Coast Guard they will in general be accepted as satisfactory except insofar as the law or the Coast Guard regulations contain requirements which are not covered by the American Bureau of Shipping.

§ 189.55-5 Plans and specifications required for new construction.

- (a) *General.* (1) Specifications.
- (2) General arrangement plan of decks, holds, inner bottoms, etc., and including inboard and outboard profile.
- (b) *Hull structure.*¹(1) *Inner bottom plating and framing.
- (2) *Midship section.
- (3) *Shell plating and framing.
- (4) *Stem, stern frame, and rudder.
- (5) *Structural deck plans for strength decks.
- (6) *Pillars and girders.
- (7) *Watertight and oiltight bulkheads.
- (8) *Foundations for main machinery and boilers.
- (9) *Arrangement of ports, doors, and airports in shell plating.
- (10) *Hatch coamings and covers in weather and watertight decks.
- (11) *Details of hinged subdivision watertight doors and operating gear.
- (12) *Scuppers and drains penetrating shell plating.
- (13) Weight handling gear when required by the Officer in Charge, Marine Inspection, as provided for by §189.35-9.
- (c) *Subdivision and stability.* Plans required by part 170 of this chapter.
- (d) *Fire control.* (1) General arrangement plans showing for each deck the control stations, the various fire sections enclosed by fire resisting bulkheads, the arrangement of the alarm and extinguishing systems, the fire extinguishers, means of access to different compartments and decks and the ventilation system including location of ventilation shutdowns, positions of dampers and the number identifying each system.
- (2) Ventilation diagram including dampers and other fire control features.
- (3) Details of alarm systems.
- (4) Details of extinguishing systems, including fire mains, carbon dioxide, foam and sprinkling systems.
- (e) *Marine engineering.* For plans required for marine engineering equipment and systems. See Subchapter F (Marine Engineering) of this chapter.

¹The asterisk (*) indicates items which may require approval by the American Bureau of Shipping for vessels classed by that society.

(f) *Electrical engineering.* For plans required for electrical engineering, equipment, and systems, see Subchapter J (Electrical Engineering) of this chapter.

(g) *Lifesaving equipment.* These plans are to show the location and arrangement of embarkation decks, all overboard discharges and projections in way of launching lifeboats, weights of lifeboats fully equipped and loaded, working loads of davits and winches, types and sizes of falls, the manufacturer's name and identification for all equipment, and all other relevant and necessary information.

(1) Arrangement of lifeboats.

(2) Arrangement of davits.

(3) Location and stowage of liferafts and buoyant apparatus.

(h) *Accommodations for crewmembers and scientific personnel.* Arrangement plans showing accommodations, ventilation, escapes, hospitals, and sanitary facilities for all crewmembers and scientific personnel.

(i) *Magazines and magazine vans.* (1) All plans relating to the arrangement, construction, ventilation, and fire protection system for magazines and magazine vans. (The plans required for magazines and magazine vans to be installed or carried on a vessel after the vessel is in operation, are set forth in subpart 195.11 of this subchapter.)

(2) Ventilation and sprinkler system calculations for magazines and magazine vans.

(j) For vessels of 100 meters (328 feet) or more in length contracted for on or after September 7, 1990, a plan must be included which shows how visibility from the navigation bridge will meet the standards contained in § 190.02-15 of this subchapter.

[CGFR 67-83, 33 FR 1118, Jan. 27, 1968, as amended by CGD 79-023, 48 FR 51052, Nov. 4, 1983; CGD 85-099, 55 FR 32249, Aug. 8, 1990; CGD 88-032, 56 FR 35829, July 29, 1991; 56 FR 46354, Sept. 11, 1991; 56 FR 50754, Oct. 8, 1991]

§ 189.55-10 Plans required for alterations of existing vessels.

(a) In the event of alterations involving the safety of the vessel, the applicable plans shall be submitted for approval covering the proposed work except as modified by § 189.45-1.

§ 189.55-15 Procedure for submittal of plans.

(a) As the relative location of shipyards, design offices, and Coast Guard offices vary throughout the country, no specific routing will be required in the submittal of plans. In general, one of the following procedures would apply, but in a particular case, if a more expeditious procedure can be used, there will be no objection to its adoption.

(1) The plans may be submitted to the Officer in Charge, Marine Inspection, in the district in which the vessel is to be built. This procedure will be most expeditious in the case of those offices where personnel and facilities are available for examination and approval of plans locally.

(2) The plans may be submitted directly to the Commanding Officer, Marine Safety Center, 400 Seventh Street SW., Washington, DC 20590-0001. In this case, the plans will be returned directly to the submitter, with a copy of the action being forwarded to the interested Officer in Charge, Marine Inspection.

(3) In the case of classed vessels, upon specific request by the submitter, the American Bureau of Shipping will arrange to forward the necessary plans to the Coast Guard indicating its action thereon. In this case, the plans will be returned as noted in paragraph (a)(2) of this section.

[CGFR 67-83, 33 FR 1118, Jan. 27, 1968, as amended by CGD 82-063b, 48 FR 4783, Feb. 3, 1983; CGD 85-048b, 51 FR 15498, Apr. 24, 1986; CGD 88-070, 53 FR 34538, Sept. 7, 1988; CGD 89-025, 54 FR 19572, May 8, 1989; CGD 95-072, 60 FR 50469, Sept. 29, 1995; 60 FR 54106, Oct. 19, 1995; CGD 96-041, 61 FR 50735, Sept. 27, 1996; USCG-2002-13058, 67 FR 61276, Sept. 30, 2002]

§ 189.55-20 Number of plans required.

(a) Three copies of each plan are normally required so that one can be returned to the submitter. If the submitter desires additional approved plans, a suitable number should be submitted to permit the required distribution.

[CGFR 67-83, 33 FR 1118, Jan. 27, 1968, as amended by CGFR 69-116, 35 FR 6862 Apr. 30, 1970]