

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.*<sup>1</sup> (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.

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

(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.

(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