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similar openings in the vessel's sides and their closures.

(7) All guardrails, bulwarks, gangways, and freeing port shutters, including securing devices, and bars.

(8) All eye plates or similar fittings for timber (or other) deck-cargo lashings, including the lashings, sockets for uprights and protective devices as may be necessary for ventilators and steering arrangements.

[CGFR 68-60, 33 FR 10056, July 12, 1968, as amended by CGFR 68-126, 34 FR 9013, June 5, 1969]

§ 42.09-30 Additional survey requirements for steel-hull vessels.

(a) In addition to the requirements in § 42.09-25, the surveyor of the assigning authority shall examine the items, etc., listed in this section, to determine if in satisfactory condition and meeting applicable requirements in this subchapter.

(b) When the vessel is in drydock, the hull plating, etc., shall be examined.

(c) The holds, 'tween decks, peaks, bilges, machinery spaces, and bunkers shall be examined to determine the condition of the framing, etc.

(d) The deep tanks and other tanks which form part of the vessel shall be examined internally.

(e) If a double bottom is fitted, the tanks normally shall be examined internally. Where double bottom and other tanks are used for fuel-oil bunkers, such tanks need not be cleaned out, if the surveyor is able to determine by an external examination that their general condition is satisfactory.

(f) The deck shall be examined.

(g) Where, owing to the age and condition of the vessel or otherwise, the surveyor deems it necessary, the shell and deck plating may be required to be drilled or other acceptable means used, in order to ascertain the then thickness of such plating.

[CGFR 68-60, 33 FR 10057, July 12, 1968]

§ 42.09-35 Additional survey requirements for wood-hull vessels.

(a) In addition to the requirements in § 42.09-25, the surveyor of the assigning authority shall examine the items, etc., listed in this section, to determine if in satisfactory condition and meet-

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ing the applicable requirements in this subchapter.

(b) When the vessel is in drydock or hauled out, the keel, stem, stern frame or sternpost, outside planking, and caulking shall be examined.

(c) The fasteners shall be examined. Bolts, screws, or equivalent fastenings, as deemed necessary by the surveyor, must be backed out, or otherwise dealt with, to ensure soundness.

(d) The holds, 'tween decks, peaks, bilges, machinery spaces, and bunkers shall be examined.

(e) The entire structure, including decks, shall be examined. If considered necessary by the surveyor, borings shall be made, or other means may be used, to ascertain the condition of the materials. Should these measures disclose sufficient cause, further examination to satisfy the surveyor as to the true condition shall be made and check locations listed. This list shall be submitted to the assigning and issuing authority for record purposes, and for use in subsequent surveys.

[CGFR 68-60, 33 FR 10057, July 12, 1968]

§ 42.09-40 Annual surveys.

(a) Relative to §§ 42.09-15(d) and 42.09-20(c), the assigning and issuing authority shall make an annual survey of each vessel holding an appropriate certificate issued under this subchapter.

(b) The annual survey shall be of such scope and extent so as to ensure:

(1) The maintenance in an effective condition of the fittings and appliances for the:

- (i) Protection of openings;
- (ii) Guardrails;
- (iii) Freeing ports; and,
- (iv) Means of access to crew's quarters.

(2) That there have not been alterations made to the hull or superstructure which would affect the calculations determining the position of the load line marks.

(c) The assigning and issuing authority shall report on the annual survey made to the owner of the vessel.

[CGFR 68-60, 33 FR 10057, July 12, 1968 as amended by CGD 80-143, 47 FR 25149, June 10, 1982]