46 CFR Ch. I (10-1-11 Edition)

§ 44.340

- (i) Show the fore, aft, and mean draft of the dredge at all times while the dredge is operating; and
- (ii) Have each indicator marked with the assigned freeboard and the working freeboard.

§44.340 Operating restrictions.

- (a) Each hopper dredge assigned a working freeboard may be operated at drafts from the normal freeboard to the working freeboard if the-
 - (1) Seas are not more than 10 feet;
 - (2) Winds are not more than 35 knots;
- (3) Area of operation is not more than 20 nautical miles (37 kilometers) from the mouth of a harbor of safe refuge; and
- (4) Specific gravity of the spoil carried is not more than the highest specific gravity of spoil used in the stability calculations required by subchapter S of this chapter.
- (b) The Assigning Authority designates on the face of the dredge's load line certificate-
- (1) Each restriction contained in paragraph (a)(1) through (a)(3) of this section: and
- (2) The maximum specific gravity of the spoils allowed to be carried.

PART 45—GREAT LAKES LOAD LINES

Subpart A—General

- Sec.
- 45.1 Purpose.
- 45.3 Definitions.
- Seasonal application of load lines. 45.5
- 45.9 Seasonal application of load lines for vessels not marked under this part.
- 45.11 Issue of load line certificate.
- 45.13 Form of certificate.
- 45.15 Exemptions.

Subpart B—Load Line Marks

- 45.31 Deck line.
- 45.33 Diamond.
- 45.35 Seasonal load lines.
- Salt water load lines.
- 45.39 Marking.

Subpart C—Freeboards

- Types of ships. 45.51
- 45.53 Summer freeboard.
- 45.55 Freeboard coefficient.
- Correction: Position of deckline. 45.57
- 45.58 Correction: Short superstructure.

- 45.59 Definitions for superstructure corrections.
- 45.61 Correction for superstructures and trunks.
- 45.63 Correction for sheer.
- Excess sheer limitations. 45.65
- 45.67 Sheer measurement. Correction for bow height. 45.69
- Midsummer freeboard. 45.71
- Winter freeboard 45.73
- Intermediate freeboard. 45.75

45.77 Salt water freeboard.

- 45.101 Purpose.
- 45.103 Structural stress and stability.
- 45.105 Information supplied to the master.

Subpart D—Conditions of Assignment

- Strength of hull.
- 45.109 Strength of superstructures and deckhouses.
- 45.111 Strength of bulkheads at ends of superstructures.
- 45.113 Access openings in bulkheads at ends of enclosed superstructures.
- 45.115 Bulwarks and guardrails.
- 45.117 Freeing port area: General.
- 45.119 Freeing port area; Changes from standard sheer.
- 45.121 Freeing port area: Changes for trunks and side coamings.
- 45.123 Freeing port area: Changes for bulwark height.
- 45.125 Crew passageways.
- 45.127 Position of structures, openings, and fittings.
- 45.129 Hull fittings: General.
- 45.131 Ventilators.
- 45.133 Air pipes.
- 45.135 Hull openings at or below freeboard deck.
- 45.137 Cargo ports.
- 45.139 Side scuttles.
- Manholes and flush scuttles. 45.141
- Hull openings above freeboard deck. 45.143
- 45.145 Hatchway covers.
- Hatchway coamings. 45.147
- 45.149 Machinery space openings.
- Other openings. 45.151
- Through-hull piping: General. 45.153
- Inlets and discharge piping: Valves. 45.155
- 45.157 Scuppers and gravity drains.
- 45.159 Special conditions of assignment for type A vessels.

Subpart E—Unmanned River Barges on Lake Michigan Routes

- 45.171 Purpose.
- 45.173 Eligible barges.
- Applicable routes. 45.175
- Freeboard requirements. 45.177
- 45.179 Cargo limitations.
- 45.181 Load line exemption requirements for the Burns Harbor and Milwaukee routes.
- 45.183 Load line requirements for the St. Joseph and Muskegon routes.