

§ 173.001

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SOURCE: CGD 79-023, 48 FR 51045, Nov. 4, 1983, unless otherwise noted.

**Subpart A—General**

**§ 173.001 Applicability.**

Each vessel that is engaged in one of the following activities must comply with the applicable provisions of this part:

- (a) Lifting.
- (b) Training (schoolship).
- (c) Oceanographic research.
- (d) Towing.

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**Subpart B—Lifting**

**§ 173.005 Specific applicability.**

This subpart applies to each vessel that—

- (a) Is equipped to lift cargo or other objects; and
- (b) Has a maximum heeling moment due to hook load greater than or equal to—

$(0.67)(W)(GM)(F/B)$  in meter-metric tons (foot-long tons), where—

W=displacement of the vessel with the hook load included in metric (long) tons.

GM=metacentric height with hook load included in meters (feet).

F=freeboard to the deck edge amidships in meters (feet).

B=beam in meters (feet).

[CGD 79-023, 48 FR 51045, Nov. 4, 1983, as amended by CGD 85-080, 61 FR 945, Jan. 10, 1996]

**§ 173.007 Location of the hook load.**

When doing the calculations required in this subpart, the hook load must be considered to be located at the head of the crane.

**§ 173.010 Definitions.**

As used in this part—

(a) *Hook load* means the weight of the object lifted by the crane.

(b) *Crane radius* means the distance illustrated in Figure 173.010.

Figure 173.010

Crane Radius

