

§ 35.20-45

(b) The maneuvering information must be provided for the normal load and normal ballast condition for:

- (1) Calm weather—wind 10 knots or less, calm sea;
- (2) No current;
- (3) Deep water conditions—water depth twice the vessel's draft or greater; and
- (4) Clean hull.

(c) At the bottom of the fact sheet, the following statement must appear:

WARNING

The response of the (name of the vessel) may be different from those listed above if any of the following conditions, upon which the maneuvering information is based, are varied:

- (1) Calm weather—wind 10 knots or less, calm sea;
- (2) No current;
- (3) Water depth twice the vessel's draft or greater;
- (4) Clean hull; and
- (5) Intermediate drafts or unusual trim.

(d) The information on the fact sheet must be:

- (1) Verified six months after the vessel is placed in service; or
- (2) Modified six months after the vessel is placed into service and verified within three months thereafter.

(e) The information that appears on the fact sheet may be obtained from:

- (1) Trial trip observations;
- (2) Model tests;
- (3) Analytical calculations;
- (4) Simulations;
- (5) Information established from another vessel of similar hull form, power, rudder and propeller; or
- (6) Any combination of the above.

The accuracy of the information in the fact sheet required is that attainable by ordinary shipboard navigation equipment.

(f) The requirements for information for fact sheets for specialized craft such as semi-submersibles, hydrofoils, hovercraft and other vessels of unusual design will be specified on a case by case basis.

[CGD 73-78, 40 FR 2689, Jan. 15, 1975]

§ 35.20-45 Use of Auto Pilot—T/ALL.

Except as provided in 33 CFR 164.13, when the automatic pilot is used in:

- (a) Areas of high traffic density;

46 CFR Ch. I (10-1-04 Edition)

(b) Conditions of restricted visibility; and

(c) All other hazardous navigational situations, the master shall ensure that:

(1) It is possible to immediately establish manual control of the ship's steering;

(2) A competent person is ready at all times to take over steering control; and

(3) The changeover from automatic to manual steering and vice versa is made by, or under, the supervision of the officer of the watch.

[CGD 75-074, 42 FR 5963, Jan. 31, 1977, as amended by CGD 91-204, 58 FR 27633, May 10, 1993]

Subpart 35.25—Engine Department

§ 35.25-1 Examination of boilers and machinery by engineer—T/ALL.

It shall be the duty of an engineer when assuming charge of the boilers to examine the same forthwith and thoroughly. If any part thereof is found in bad condition, the engineer shall immediately report the facts to the master, owner, or agent, and to the nearest Officer in Charge, Marine Inspection.

[CGD 95-027, 61 FR 26000, May 23, 1996]

§ 35.25-5 Repairs of boilers and unfired pressure vessels and reports of repairs or accidents by chief engineer—TB/ALL.

(a) Before making any repairs to boilers or unfired pressure vessels, the chief engineer shall submit a report covering the nature of the repairs to the Officer in Charge, Marine Inspection, at or nearest to the port where the repairs are to be made.

(b) In the event of an accident to a boiler, unfired pressure vessel, or machinery tending to render the further use of the item itself unsafe until repairs are made, or if by ordinary wear such items become unsafe, a report shall be made by the chief engineer immediately to the Officer in Charge, Marine Inspection, or if at sea, immediately upon arrival at port.