

specified in paragraph (a) of this section.

[CGD 91-045, 61 FR 39789, July 30, 1996]

**§ 157.430 Enhanced survey requirements.**

Beginning at each tank vessel's next regularly scheduled drydock examination and continuing as required under 46 CFR part 31, or, for each foreign flagged tank vessel, beginning at the next drydock and continuing as required under the foreign vessel's flag administration, a tank vessel owner or operator shall—

(a) Implement an enhanced survey program that complies with the standards of IMO Resolution A.744(18), Annex B sections 1.1.3–1.1.4, 1.2–1.3, 2.1, 2.3–2.6, 3–8, and Annexes 1–10 with appendices;

(b) Implement a vessel specific survey program that provides a level of protection equivalent to the requirements in paragraph (a)(1) of this section and is approved by the Commandant (G-MOC). A written request for program equivalency under this paragraph must be submitted to the Commandant (G-MOC); or

(c) For a tankship of less than 20,000 deadweight tons (dwt) carrying crude oil, a tankship of less than 30,000 dwt carrying product, or a tank barge, implement an enhanced survey program that—

(1) Includes oversight of the program by the Coast Guard, the vessel's flag administration, an authorized classification society as described in §157.04 of this part, or a licensed professional engineer;

(2) Has the frequency of survey which is no less than the inspections required by 46 CFR subpart 31.10;

(3) Has survey scope and record-keeping requirements that are comparable to the requirements of paragraph (a)(1) of this section; and

(4) Includes keeping a copy of the most recent survey on board the vessel or, upon request by the Coast Guard, making the surveys available within 24 hours for examination.

[CGD 91-045, 61 FR 39789, July 30, 1996]

**§ 157.435 Vital systems surveys.**

(a) A tank vessel owner or operator shall ensure that surveys of the following systems are conducted:

(1) *Cargo systems.* The survey must include the examination and testing of the items listed in chapters 6, 7, and 10 of the International Safety Guide for Oil Tankers and Terminals, if applicable, prior to cargo transfer operations.

(2) *Mooring systems.* The survey must include a visual examination of the emergency towline, the anchor releasing mechanism, and mooring lines prior to entering the port or place of destination, if weather permits, or prior to getting underway.

(b) Surveys must be conducted by company management personnel, company designated individuals, or vessel officers knowledgeable about the equipment operating parameters and having the authority, capability, and responsibility to initiate corrective action when the equipment is not functioning properly.

(c) The results of the survey required in paragraph (a) of this section, including the material condition of each system, must be recorded in the tank vessel's deck log or other onboard documentation.

[CGD 91-045, 61 FR 39789, July 30, 1996; 61 FR 41685, Aug. 9, 1996]

**§ 157.440 Autopilot alarm or indicator.**

(a) A tankship owner or operator shall ensure that each installed autopilot unit without automatic manual override has an audible and visual alarm, which is distinct from other required bridge alarms, that will activate if the helm is manually moved while the autopilot is engaged.

(b) A tank barge owner or operator shall ensure that each autopilot unit without automatic manual override installed on the primary towing vessel has a means to clearly indicate the autopilot status and warns personnel of the requirement to disengage the autopilot if positive rudder control is needed.

[CGD 91-045, 61 FR 39790, July 30, 1996]