

**§ 157.430**

**33 CFR Ch. I (7-1-08 Edition)**

assigned to such duties. This written policy and procedures shall be followed by the master and shall include the following:

(1) Allocation of a reasonable and appropriate time period for each newly employed individual to allow him or her the opportunity to become acquainted with the following:

(i) The specific equipment the individual will be using or operating; and

(ii) The vessel specific watchkeeping, safety, environmental protection, and emergency procedures and arrangements the individual needs to know to perform the assigned duties properly.

(2) Designation of a knowledgeable crew member who will be responsible for ensuring that an opportunity is provided to each newly employed individual to receive essential information in a language the individual understands.

(b) Beginning not later than February 1, 1997, a tank barge owner or operator shall not permit the barge to be towed unless those individuals assigned to duties as master or operator on the primary towing vessel have been provided written policy and procedures as 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 (CG-543). A written request for program equivalency under this

paragraph must be submitted to the Commandant (CG-543); 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]

**§ 157.445 Maneuvering performance capability.**

(a) A tankship owner or operator shall ensure that maneuvering tests in accordance with IMO Resolution A.751(18), sections 1.2, 2.3-2.4, 3-4.2, and 5 (with Explanatory Notes in MSC/Circ.644) have been conducted by July 29, 1997. Completion of maneuvering performance tests must be shown by—

(1) For a foreign flag tankship, a letter from the flag administration or an authorized classification society, as described in §157.04 of this part, stating the requirements in paragraph (a) of this section have been met; or

(2) For a U.S. flag tankship, results from the vessel owner confirming the completion of the tests or a letter from an authorized classification society, as described in §157.04 of this part, stating the requirements in paragraph (a) of this section have been met.

(b) If a tankship undergoes a major conversion or alteration affecting the control systems, control surfaces, propulsion system, or other areas which may be expected to alter maneuvering performance, the tankship owner or op-

erator shall ensure that new maneuvering tests are conducted as required by paragraph (a) of this section.

(c) If a tankship is one of a class of vessels with identical propulsion, steering, hydrodynamic, and other relevant design characteristics, maneuvering performance test results for any tankship in the class may be used to satisfy the requirements of paragraph (a) of this section.

(d) The tankship owner or operator shall ensure that the performance test results, recorded in the format of Appendix 6 of the Explanatory Notes in MSC/Circ.644, are prominently displayed in the wheelhouse.

(e) Prior to entering the port or place of destination and prior to getting underway, the tankship master shall discuss the results of the performance tests with the pilot while reviewing the anticipated transit and the possible impact of the tankship's maneuvering capability on the transit.

[CGD 91-045, 61 FR 39790, July 30, 1996; 61 FR 41685, Aug. 9, 1996]

**§ 157.450 Maneuvering and vessel status information.**

A tankship owner, master, or operator shall comply with IMO Resolution A.601(15), Annex sections 1.1, 2.3, 3.1, and 3.2, with appendices.

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

**§ 157.455 Minimum under-keel clearance.**

(a) The owner or operator of a tankship, that is not fitted with a double bottom that covers the entire cargo tank length, shall provide the tankship master with written under-keel clearance guidance that includes—

(1) Factors to consider when calculating the ship's deepest navigational draft;

(2) Factors to consider when calculating the anticipated controlling depth;

(3) Consideration of weather or environmental conditions; and

(4) Conditions which mandate when the tankship owner or operator shall be contacted prior to port entry or getting underway; if no such conditions exist, the guidance must contain a statement to that effect.