

§ 15.1040

of a foreign-trade vessel inbound from sea from the point where a State-licensed pilot ceases providing pilotage to another point within the identified areas (*i.e.*, a dock or anchorage). Likewise, intra-port transit also includes the movement of a foreign-trade vessel outbound to sea from a point within the identified areas (*i.e.*, a dock or anchorage) to the point where a State licensed pilot begins providing pilotage.

[CGD 92-061, 60 FR 24796, May 10, 1995, as amended by USCG-2004-18884, 69 FR 58344, Sept. 30, 2004]

§ 15.1040 Massachusetts.

The following U.S. navigable waters located within the State of Massachusetts when the vessel is in transit, but not bound to or departing from a port within the following listed operating areas:

(a) Cape Cod Bay south of latitude 41°48'54"N;

(b) The Cape Cod Canal; and

(c) Buzzards Bay east of a line extending from the southernmost point of Wilbur Point (latitude 41°34'55"N longitude 70°51'15"W) to the easternmost point of Pasque Island (latitude 41°26'55"N longitude 70°50'30"W).

[CGD 92-061, 60 FR 24796, May 10, 1995, as amended by USCG-1998-4442, 63 FR 52189, Sept. 10, 1998]

§ 15.1050 North Carolina.

(a) The following navigable waters of the United States within the State of North Carolina when the vessel is maneuvering while berthing or unberthing, is approaching or passing through a bridge, or is making any intra-port transit, which transit may include but is not limited to movement from a dock to a dock, from a dock to an anchorage, from an anchorage to a dock, or from an anchorage to an anchorage, within either of the following areas:

(1) The waters of the Cape Fear River from the boundary line established by 46 CFR 7.60 to Latitude 34° 16.5'N.

(2) The waters of the Northeast Cape Fear River from its confluence with the Cape Fear River at Point Peter to Latitude 34°17'N.

(b) This subpart does not apply to any vessel on the waters specified in paragraph (a) of this section if the laws

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of the State of North Carolina require a State-licensed pilot on the vessel.

[CGD 97-073, 63 FR 57255, Oct. 27, 1998]

Subpart J—Vessels Subject to Requirements of STCW

SOURCE: CGD 95-062, 62 FR 34539, June 26, 1997, unless otherwise noted.

§ 15.1101 General.

(a) *Definitions.* For purposes of this subpart, the term—

(1) *STCW* means the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended in 1995;

(2) *STCW Code* means the Seafarer's Training, Certification and Watchkeeping Code;

(3) *Seagoing vessel* means a self-propelled vessel in commercial service that operates beyond the Boundary Line established by 46 CFR part 7. It does not include a vessel that navigates exclusively on inland waters;

(4) *Rest* means a period of time during which the person concerned is off duty, is not performing work (which includes administrative tasks such as chart corrections or preparation of port-entry documents), and is allowed to sleep without being interrupted; and

(5) *Overriding operational conditions* means circumstances in which essential shipboard work cannot be delayed for safety or environmental reasons, or could not reasonably have been anticipated at the commencement of the voyage.

(6) *Vessel Security Officer (VSO)* means a person onboard the vessel accountable to the Master, designated by the Company as responsible for security of the vessel, including implementation and maintenance of the Vessel Security Plan, and for liaison with the Facility Security Officer and vessel's Company Security Officer.

(b) Except as otherwise provided in §15.1103(d), the regulations in this subpart apply to seagoing vessels subject to STCW.

(c) A vessel that has on board a valid Safety Management Certificate and a copy of a Document of Compliance issued for that vessel in accordance

with 46 U.S.C. 3205 is presumed in compliance with the regulations in this subpart.

[CGD 95-062, 62 FR 34539, June 26, 1997, as amended by USCG-2008-0028, 73 FR 29071, May 20, 2008]

§ 15.1103 Employment and service within the restrictions of an STCW endorsement or of a certificate of training.

(a) On board a seagoing vessel operating beyond the Boundary Line, no person may employ or engage any person to serve, and no person may serve, in a position requiring a person to hold an STCW endorsement, including master, chief mate, chief engineer, second engineer, officer of the navigational or engineering watch, or radio operator, unless the person serving holds an appropriate, valid STCW certificate or endorsement issued in accordance with part 10 or 12 of this chapter.

(b) On board a seagoing vessel of 500 GT or more as determined under the International Tonnage Convention, no person may employ or engage any person to serve, and no person may serve, as a rating forming part of the navigational watch, except for training, unless the person serving holds an appropriate, valid STCW certificate or endorsement issued in accordance with part 12 of this chapter.

(c) On board a seagoing vessel driven by main propulsion machinery of 750 kW [1,000 hp] propulsion power or more, no person may employ or engage any person to serve, and no person may serve, in a rating forming part of a watch in a manned engine-room, nor may any person be designated to perform duties in a periodically unmanned engine-room, except for training or for the performance of duties of an unskilled nature, unless the person serving holds an appropriate, valid STCW certificate or endorsement issued in accordance with part 12 of this chapter.

(d) You must hold documentary evidence to show you meet the requirements of §§11.1005 or 12.30-5 of this chapter, as appropriate, if you are a master or crewmember on board a Ro-Ro passenger ship to which a certificate signifying compliance with the International Convention for the Safety of Life at Sea, 1974, as amended

(SOLAS) (SOLAS is available from the *International Maritime Organization (IMO)*, 4 Albert Embankment, London, SE1 7SR, England, telephone: + 44 (0)20 7735 7611, <http://www.imo.org>), has been issued.

(e) You must hold documentary evidence to show you meet the requirements of §§11.1005 or 12.30-5 of this chapter, as appropriate, if you are a master or crewmember on board a vessel that is—

(1) Subject to the STCW;

(2) Not a Ro-Ro passenger ship; and

(3) Carrying more than 12 passengers when on an international voyage.

(f) On board a seagoing vessel required to comply with provisions of the Global Maritime Distress and Safety System (GMDSS) in Chapter IV of SOLAS, no person may employ or engage any person to serve, and no person may serve, as the master, chief mate, or officer of the navigational watch, unless the person serving holds the appropriate certificate or endorsement for operator of radio in GMDSS.

(g) On board a seagoing vessel required to comply with provisions of the GMDSS in Chapter IV of SOLAS, no person may employ or engage any person to serve, and no person may serve, as the person designated to maintain GMDSS equipment at sea, when the service of a person so designated is used to meet the maintenance requirements of SOLAS Regulation IV/15, which allows for capability of at-sea electronic maintenance to ensure that radio equipment is available for radio communication, unless the person so serving holds documentary evidence that he or she is competent to maintain GMDSS equipment at sea.

(h) On board a seagoing vessel fitted with an Automatic Radar Plotting Aid (ARPA), no person may employ or engage any person to serve, and no person may serve, as the master, chief mate, or officer of the navigational watch, unless the person so serving has been trained in the use of ARPA according to §§11.205 or 11.209 of this chapter, whichever is appropriate.

[CGD 95-062, 62 FR 34539, June 26, 1997, as amended by USCG-1999-5610, 67 FR 55069, Oct. 30, 2002; USCG-2004-18884, 69 FR 58344, Sept. 30, 2004; USCG-2006-24371, 74 FR 11263, Mar. 16, 2009]

§ 15.1105

§ 15.1105 Familiarization and basic safety-training.

(a) On board a seagoing vessel, no person may assign any person to perform shipboard duties, and no person may perform those duties, unless the person performing them has received—

(1) Training in personal survival techniques as set out in the standard of competence under STCW Regulation VI/1; or

(2) Sufficient familiarization training or instruction that he or she—

(i) Can communicate with other persons on board about elementary safety matters and understand informational symbols, signs, and alarm signals concerning safety;

(ii) Knows what to do if a person falls overboard; if fire or smoke is detected; or if the firm alarm or abandon-ship alarm sounds;

(iii) Can identify stations for muster and embarkation, and emergency-escape routes;

(iv) Can locate and don life-jackets;

(v) Can raise the alarm and knows the use of portable fire extinguishers;

(vi) Can take immediate action upon encountering an accident or other medical emergency before seeking further medical assistance on board; and

(vii) Can close and open the fire doors, weather-tight doors, and watertight doors fitted in the vessel other than those for hull openings.

(b) On board a seagoing vessel, no person may assign a shipboard duty or responsibility to any person who is serving in a position that must be filled as part of the required crew complement, and no person may perform any such duty or responsibility, unless he or she is familiar with it and with all vessel's arrangements, installations, equipment, procedures, and characteristics relevant to his or her routine or emergency duties or responsibilities, in accordance with STCW Regulation I/14.

(c) On board a seagoing vessel, no person may assign a shipboard duty or responsibility to any person who is serving in a position that must be filled as part of the required crew complement or who is assigned a responsibility on the muster list, and no person may perform any such duty or respon-

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sibility, unless the person performing it can produce evidence of having—

(1) Received appropriate approved basic safety training or instruction as set out in the standards of competence under STCW Regulation VI/1, with respect to personal survival techniques, fire prevention and fire-fighting, elementary first aid, and personal safety and social responsibilities; and

(2) Achieved or, if training has been completed, maintained competence within the last 5 years, in accordance with STCW regulation VI/1.

(d) Fish-processing vessels in compliance with the provisions of 46 CFR part 28 on instructions, drills, and safety orientation are deemed to be in compliance with the requirements of this section on familiarization and basic safety-training.

[CGD 95-062, 62 FR 34539, June 26, 1997, as amended by USCG-2004-18884, 69 FR 58344, Sept. 30, 2004; USCG-2006-24371, 74 FR 11263, Mar. 16, 2009]

§ 15.1107 Maintenance of merchant mariners' records by owner or operator.

Each owner or operator of a U.S.-documented seagoing vessel shall ensure that procedures are in place, in respect of each merchant mariner holding a license, MMC, or merchant mariner's document and serving on any such vessel, to ensure that the following information is maintained throughout his or her service, and is readily accessible to those in management responsible for the safety of the vessel and for the prevention of marine pollution:

(a) Medical fitness (such as results of a recent evaluation by a medical professional certifying that the mariner is physically able to perform the tasks and duties normally associated with a particular shipboard position or does not have an apparent medical condition that disqualifies him or her from the requirements of a particular shipboard position).

(b) Experience and training relevant to assigned shipboard duties (i.e., record of training completed, and of relevant on-the-job experience acquired).

(c) Competency in assigned shipboard duties (evidenced by copies of current credentials that the mariner holds, as

well as by a record of the most recent basic safety assessment and by instances where ship-specific familiarization has been achieved and maintained).

[CGD 95-062, 62 FR 34539, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11263, Mar. 16, 2009]

§ 15.1109 Watches.

Each master of a vessel that operates beyond the Boundary Line shall ensure observance of the principles concerning watchkeeping set out in STCW Regulation VIII/2 and section A-VIII/2 of the STCW Code.

§ 15.1111 Work hours and rest periods.

(a) Each person assigned duty as officer in charge of a navigational or engineering watch, or duty as a rating forming part of a navigational or engineering watch, on board any vessel that operates beyond the Boundary Line shall receive a minimum of 10 hours of rest in any 24-hour period.

(b) The hours of rest required under paragraph (a) of this section may be divided into no more than two periods, of which one must be at least 6 hours in length.

(c) The requirements of paragraphs (a) and (b) of this section need not be maintained in the case of an emergency or drill or in other overriding operational conditions.

(d) The minimum period of 10 hours of rest required under paragraph (a) of this section may be reduced to not less than 6 consecutive hours as long as—

(1) No reduction extends beyond 2 days; and

(2) Not less than 70 hours of rest are provided each 7-day period.

(e) The minimum period of rest required under paragraph (a) of this section may not be devoted to watchkeeping or other duties.

(f) Watchkeeping personnel remain subject to the work-hour limits in 46 U.S.C. 8104 and to the conditions when crew members may be required to work.

(g) The Master shall post watch schedules where they are easily accessible. They must cover each affected member of the crew and must take into account the rest requirements of this

section as well as port rotations and changes in the vessel's itinerary.

[CGD 95-062, 62 FR 34539, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11263, Mar. 16, 2009]

§ 15.1113 Vessel Security Officer (VSO).

After July 1, 2009, on board seagoing vessel, all persons performing duties as VSO must hold a valid endorsement as Vessel Security Officer.

[USCG-2008-0028, 73 FR 29071, May 20, 2008]

PART 16—CHEMICAL TESTING

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APPENDIX A [RESERVED]

AUTHORITY: 46 U.S.C. 2103, 3306, 7101, 7301, and 7701; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGD 86-067, 53 FR 47079, Nov. 21, 1988, unless otherwise noted.