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opening on a platform unless the opening has a baffle or a remotely controlled device to close the opening.

(d) Each lifeboat and life raft launching station must be provided with emergency lighting to illuminate the entire launching process from the stowed position until the craft is waterborne.

§ 149.522 Lifeboats.

(a) Each lifeboat on a platform must be approved under 46 CFR 160.035 and have the equipment required by 46 CFR 94.20-10 for a lifeboat on lakes, bays, sounds, and rivers. Except for boathooks, the equipment must be securely attached to the lifeboat.

(b) Each life boat on a platform must be motor propelled and have an installed cover that provides protection from exposure and from fire during operation of the lifeboat.

§ 149.523 Inflatable life rafts.

Each inflatable life raft on a platform must be approved under 46 CFR 160.051 as an inflatable life raft intended for an ocean service vessel.

§ 149.524 Launching equipment for lifeboats.

(a) Each PPC must have the following launching equipment for each lifeboat required by §149.521:

(1) A winch that is approved under 46 CFR 160.015 and that has a grooved drum with only one layer of wire.

(2) Mechanical disengaging apparatus that is approved under 46 CFR 160.033.

(3) Davits that are approved under 46 CFR 160.032.

(4) Load bearing components that meet the requirements in 46 CFR 94.33-5 (a), (c), (d), and (e) and 46 CFR 94.33-10.

(b) If a lifeboat is mounted more than 30 feet above mean low water, the launching equipment for the lifeboat must be capable of operation from the lifeboat and from the PPC.

§ 149.525 Launching equipment for inflatable life rafts.

(a) Each PPC must have enough of the following inflatable life raft launching equipment to launch all of the life rafts required by §149.521 within 20 minutes:

(1) Winches that are approved by the Commandant.

(2) Mechanical disengaging apparatus that is approved by the Commandant.

(3) Davits that are approved by the Commandant.

(4) Load bearing components that meet the requirements in 46 CFR 94.33-5 (a), (c), (d), and (e) and 46 CFR 94.33-10.

(b) Launching equipment for an inflatable life raft must be capable of being operated from the life raft and from the PPC.

(c) No more than two rafts may be launched from each launching station.

§ 149.526 Approved ring life buoys (Type IV personal flotation devices).

(a) Each PPC must have at least 8 approved ring life buoys (Type IV PFDs) and mounting racks distributed about the perimeter of the platform.

(b) Each ring life buoy must be constructed in accordance with 46 CFR Subpart 160.050 except a ring life buoy that was approved under former 46 CFR Subpart 160.009 may be used as long as it is in good and serviceable condition. Each ring life buoy must be of the 30-inch size, international orange, and easily accessible to persons on board.

(c) At least fifty percent of the ring life buoys required by this section must have an electric water light approved under 46 CFR 161.010.

(d) At least one ring life buoy on each side of the platform must have a buoyant line attached to it that is 1½ times the distance from the buoy to the mean low water line of the platform, or 15 fathoms in length, whichever is greater.

[CGD 80-155b, 47 FR 10533, Mar. 11, 1982]

§ 149.527 Portable radio apparatus.

Each PPC must have portable radio apparatus that meets the requirements in 46 CFR 94.55-1.

§ 149.529 Type I personal flotation devices (PFD's).

(a) Each PPC must have enough adult Type I PFD's for 100 percent of the port personnel. Each PFD must be stowed in the living spaces.

(b) Enough additional Type I PFD's for 50 percent of the port personnel must be stowed near working spaces in

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well ventilated and accessible lockers marked "life preservers."

§ 149.533 Litters.

Each platform must be equipped with at least one Stokes litter that is placed in a location that is accessible to persons on board.

§ 149.535 Markings on lifeboats, life rafts, paddles, and oars.

(a) Each lifeboat, and life raft must be marked in letters and numbers at least 1½ inch high with:

(1) The identification of the deepwater port; and

(2) The personnel capacity.

(b) Each inflatable life raft must be marked as required under 46 CFR 160.051.

(c) Each paddle and each oar must be marked with the identification of the deepwater port.

§ 149.537 Markings for personal flotation devices (PFD's).

Each PFD must be marked with the identification of the deepwater port.

MISCELLANEOUS

§ 149.539 Portable lights.

(a) Each portable light on a PPC must be listed by Underwriters' Laboratories, Inc., as suitable for Class I, Group D hazardous locations.

(b) Each supply cord of the portable lighting units must have receptacles with plugs, or receptacles with plugs interlocked with snap switches, that are listed by Underwriters' Laboratories, Inc., as suitable for Class I, Group D hazardous locations.

§ 149.541 General alarm system.

(a) Each PPC must have a general alarm system.

(b) Each general alarm system must be:

(1) Capable of being activated by the automatic fire detection systems required under §149.491 and manually by use of alarm boxes located in accordance with the National Fire Protection Association Standard No. 72A;

(2) Audible in all parts of the PPC except in areas of high ambient noise levels where hearing protection is re-

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quired under §150.509(d) of this subchapter; and

(3) Visible in areas of the PPC where hearing protection is required under §150.509(d) of this subchapter by use of a high intensity flashing light.

§ 149.543 Marking of general alarm system.

(a) Each general alarm box must be marked with the words "GENERAL ALARM" in red letters at least one inch high on a yellow background.

(b) Each audio and each visual general alarm signalling device under §149.541 must have a sign with the words "GENERAL ALARM" in red letters at least one inch high on a yellow background.

§ 149.545 Public address system.

Each PPC must have a public address system operable from two locations on the PPC to allow an announcement of fires, oil transfer system failure or malfunction, and other emergencies.

Subpart E—Aids to Navigation at Deepwater Ports

GENERAL

§ 149.701 Applicability.

This subpart prescribes the minimum requirements for aids to navigation at the marine site.

§ 149.703 Effective intensity: Definition.

For the purpose of this subpart, "effective intensity" is the intensity of a flashing light calculated by using equation [3-27] for effective intensity in the Illumination Engineering Society Lighting Handbook, p. 3-36.

§ 149.705 Applicability of other regulations.

Sections 66.01-5, 66.01-25 (a) and (c), 66.01-50, and 66.01-55 of this chapter also apply to aids to navigation at a deepwater port. For the purpose of §66.01-25 (a) and (c) of this chapter, aids to navigation at a deepwater port are Class I aids to navigation.