

**§ 149.420 What are the fire protection requirements for escape routes?**

At least one escape route from an accommodation space or module to a survival craft or other means of evacuation must provide adequate protection. Separation of the escape route from the cargo area by steel construction, in accordance with 46 CFR 108.133, or equivalent protection is considered adequate protection for personnel escaping from fires and explosions. Additional requirements for escape routes are in subpart F of this part.

**§ 149.421 What is the requirement for a previously approved fire detection and alarm system on a deepwater port?**

An existing fire detection and alarm system on a deepwater port need not meet the requirements in this subpart until the system needs replacing, provided it is periodically tested and maintained in good operational condition.

**Subpart E—Aids to Navigation****GENERAL****§ 149.500 What does this subpart do?**

This subpart provides requirements for aids to navigation on deepwater ports.

**§ 149.505 What are the general requirements for aids to navigation?**

The following requirements apply to navigation aids under this subpart:

- (a) Section 66.01–5 of this chapter, on application to establish, maintain, discontinue, change, or transfer ownership of an aid, except as under § 149.510;
- (b) Section 66.01–25(a) and (c) of this chapter, on discontinuing or removing an aid. For the purposes of § 66.01–25(a) and (c) of this chapter, navigation aids at a deepwater port are considered Class I aids under § 66.01–15 of this chapter;
- (c) Section 66.01–50 of this chapter, on protection of an aid from interference and obstruction; and
- (d) Section 66.01–55 of this chapter, on transfer of ownership of an aid.

**§ 149.510 How do I get permission to establish an aid to navigation?**

(a) To establish a navigation aid on a deepwater port, the licensee must submit an application under § 66.01–5 of this chapter, except that the application must be sent to the Commandant (CG–5).

(b) At least 180 days before the installation of any structure at the site of a deepwater port, the licensee must submit an application for obstruction lights and other private navigation aids for the particular construction site.

(c) At least 180 days before beginning cargo transfer operations or changing the mooring facilities at the deepwater port, the licensee must submit an application for private aids to navigation.

**LIGHTS****§ 149.520 What kind of lights are required?**

All deepwater ports must meet the general requirements for obstruction lights in part 67 of this chapter.

**LIGHTS ON PLATFORMS****§ 149.535 What are the requirements for rotating beacons on platforms?**

In addition to obstruction lights, the tallest platform of a deepwater port must have a lit rotating beacon that distinguishes the deepwater port from other surrounding offshore structures. The beacon must:

- (a) Have an effective intensity of at least 15,000 candela;
- (b) Flash at least once every 20 seconds;
- (c) Provide a white light signal;
- (d) Operate in wind speeds of up to 100 knots at a rotation rate that is within 6 percent of the operating speed displayed on the beacon;
- (e) Have one or more leveling indicators permanently attached to the light, each with an accuracy of  $\pm 0.25^\circ$  or better; and
- (f) Be located:
  - (1) At least 60 feet (about 18.3 meters) above mean high water;
  - (2) Where the structure of the platform, or equipment mounted on the platform, does not obstruct the light in any direction; and