

§ 149.540

LIGHTS ON SINGLE POINT MOORINGS
(SPM)

§ 149.540 What are the requirements for obstruction lights on an SPM?

(a) The lights for a single point mooring (SPM) must meet the requirements for obstruction lights in part 67 of this chapter, except that the lights must be located at least 10 feet above mean high water.

(b) A submerged turret loading (STL) deepwater port is not required to meet the requirements for obstruction lights, provided it maintains at least a five-foot clearance beneath the net under-keel clearance for all vessels, at the mean low water condition, transiting the area.

(c) An STL deepwater port that utilizes a marker buoy must be lighted in accordance with paragraph (a) of this section.

LIGHTS ON FLOATING HOSE STRINGS

§ 149.550 What are the requirements for lights on a floating hose string?

Hose strings that are floating or supported on trestles shall display the following lights at night and in periods of restricted visibility.

(a) One row of yellow lights. The lights must be:

- (1) Flashing 50 to 70 times per minute;
- (2) Visible all around the horizon;
- (3) Visible for at least 2 miles on a clear, dark night;
- (4) Not less than 1 and not more than 3.5 meters above the water;
- (5) Approximately equally spaced; and
- (6) Not more than 10 meters apart where the hose string crosses a navigable channel, and, also, where the hose string does not cross a navigable channel, the lights must be sufficient in number to clearly show the hose string's length and course.

(b) Two red lights at each end of the hose string, including the ends in a channel where the hose string is separated to allow vessels to pass, whether open or closed. The lights must be:

- (1) Visible all around the horizon;
- (2) Visible for at least 2 miles on a clear, dark night; and
- (3) One meter apart in a vertical line with the lower light at the same height

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above the water as the flashing yellow light.

LIGHTS ON BUOYS USED TO DEFINE
TRAFFIC LANES

§ 149.560 How must buoys used to define traffic lanes be marked and lighted?

(a) Each buoy that is used to define the lateral boundaries of a traffic lane at a deepwater port must meet 62.25 of this chapter.

(b) The buoy must have an omnidirectional light located at least 8 feet above the water.

(c) The buoy light must be located so that the structure of the buoy, or any other device mounted on the buoy, does not obstruct the light in any direction.

§ 149.565 What are the required characteristics and intensity of lights on buoys used to define traffic lanes?

(a) The color of the light on a buoy that is used to define the lateral boundaries of a traffic lane must correspond with the color schemes for buoys in § 62.25 of this chapter.

(b) The buoy light may be fixed or flashing. If it is flashing, it must flash at intervals of not more than 6 seconds.

(c) Buoy lights must have an effective intensity of at least 25 candela.

MISCELLANEOUS

§ 149.570 How is a platform, SPM, or STL identified?

(a) Each platform, SPM, or STL (protruding above the water/marked by a buoy) must display the name of the deepwater port and the name or number identifying the structure, so that the information is visible:

(1) From the water at all angles of approach to the structure; and

(2) If the structure is equipped with a helicopter pad, from aircraft on approach to the structure.

(b) The information required in paragraph (a) of this section must be displayed in numbers and letters that are:

- (1) At least 12 inches high;
- (2) In vertical block style; and
- (3) Displayed against a contrasting background.

(c) If a STL protrudes from the water, it must be properly illuminated in accordance with § 149.540.