§ 15.830 Radio officers.

Radio officers are required on certain merchant vessels of the United States. The determination of when a radio officer is required is based on the Federal Communications Commission requirements as found in 47 CFR part 13 and 47 CFR part 80.


§ 15.835 Staff officers.

Staff officers, when carried, must be registered as specified in part 11 of this chapter.


§ 15.840 Able seamen.

(a) With certain exceptions, 46 U.S.C. 8702 applies to all vessels of at least 100 GRT. At least 65 percent of the deck crew of these vessels, excluding individuals serving as officers, must be able seamen. For vessels permitted to maintain a two-watch system, the percentage of able seamen may be reduced to 50 percent.

(b) Able seamen are rated as: unlimited, limited, special, offshore supply vessel (OSV), sail, and fishing industry, under the provisions of part 12 of this subchapter. 46 U.S.C. 7312 specifies the categories of able seamen (i.e., unlimited, limited, etc.) necessary to meet the requirements of 46 U.S.C. 8702.

(c) On vessels subject to STCW, the individual meeting the requirement of this section must also hold an STCW endorsement as ratings forming part of a navigational watch or able seafarer-deck (according to § 15.404(a) and (b) of this part), except as noted in § 15.105(g) of this part for vessels on domestic near-coastal voyages.

(d) It is the responsibility of the master or person in charge (PIC) to ensure that the able seamen in the service of the vessel meet the requirements of 46 U.S.C. 7312 and 8702.


§ 15.845 Lifeboatmen.

(a) The number of lifeboatmen required for a vessel is specified in part 199 of this chapter; however, on vessels not equipped with lifeboats, a lifeboatman may be replaced by a lifeboatman-limited.

(b) On vessels subject to STCW, the individual meeting the requirement of this section must also hold an STCW endorsement for proficiency in survival craft, except as noted in § 15.105(g) of this part for vessels on domestic near-coastal voyages.


§ 15.850 Lookouts.

(a) The requirements for the maintenance of a proper lookout are specified in Rule 5 of the International Regulations for Preventing Collisions at Sea, 1972 (33 U.S.C. 1602(c)), and Rule 5 of the Inland Navigational Rules Act of 1980 (33 CFR part 80). Lookout is a function to be performed by a member of a navigational watch.
(b) On vessels subject to STCW, the individual meeting the requirement of this section must also hold at least an STCW deck endorsement as rating forming part of a navigational watch, except as noted in §15.105(g) of this part for vessels on domestic near-coastal voyages.


§ 15.855 Cabin watchmen and fire patrols.

(a) On vessels carrying passengers at night, the master or person in charge must ensure that a suitable number of watchmen are in the vicinity of the cabins or staterooms and on each deck, to guard against and give alarm in case of fire or other danger.

(b) On a fish processing vessel of more than 100 GRT, there must be a suitable number of watchmen trained in firefighting onboard when hot work is being done, to guard against and give alarm in case of a fire.

(c) For the watchmen described in paragraph (a) of this section, the owner or operator of an uninspected passenger vessel not more than 300 GRT may substitute the use of fire detectors, heat detectors, smoke detectors, and high-water alarms with audible- and visual-warning indicators, in addition to other required safety alarms, only when each of the following conditions are met:

(1) Fire detectors are located in each space containing machinery or fuel tanks per §181.400(c) of this chapter.

(2) All grills, broilers, and deep-fat fryers are fitted with a grease extraction hood per §181.425 of this chapter.

(3) Heat and/or smoke detectors are located in each galley, public accommodation space, enclosed passageway, berthing space, and all crew spaces.

Table 1 to §15.860(a)—Minimum Requirements for Tankermen Aboard Manned Tank Vessels

<table>
<thead>
<tr>
<th>Tankship Certified for Voyages Beyond Boundary Line:</th>
<th>Tankerman-PIC</th>
<th>Tankerman assistant</th>
<th>Tankerman engineer</th>
<th>Tankerman-PIC or tankerman-PIC (barge)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 5,000 GRT</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>5,000 GRT or less</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tankship Not Certified for Voyages Beyond Boundary Line</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tank Barge</td>
<td></td>
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</tr>
</tbody>
</table>

1 If only one engineer is required, then only one tankerman-engineer is required.

2 If the total crew complement is one or two persons, then only one tankerman-PIC is required.

§ 15.860 Tankerman.

(a) The OCMI enters on the COI issued to each manned tank vessel subject to the regulations in this chapter the number of crewmembers required to hold valid MMDs or MMCs with the proper tankerman endorsement. Table 1 to §15.860(a) of this section provides the minimum requirements for tankermen aboard manned tank vessels; Table 2 to §15.860(a) of this section provides the tankerman endorsements required for personnel aboard tankships.