

(13) Ensure compliance with an Alternative Security Program or equivalents approved under this subchapter, if appropriate; and

(14) Ensure security measures give particular consideration to the convenience, comfort, and personal privacy of vessel personnel and their ability to maintain their effectiveness over long periods.

[USCG-2003-14749, 68 FR 39302, July 1, 2003, as amended at 68 FR 60513, Oct. 22, 2003]

§ 104.215 Vessel Security Officer (VSO).

(a) *General.* (1) A VSO may perform other duties within the owner's or operator's organization, provided he or she is able to perform the duties and responsibilities required of the VSO for each such vessel.

(2) For manned vessels, the VSO must be the Master or a member of the crew.

(3) For unmanned vessels, the VSO must be an employee of the company, and the same person may serve as the VSO for more than one unmanned vessel. If a person serves as the VSO for more than one unmanned vessel, the name of each unmanned vessel for which he or she is the VSO must be listed in the Vessel Security Plan (VSP).

(4) The VSO of any unmanned barge and the VSO of any towing vessel interfacing with the barge must coordinate and ensure the implementation of security measures applicable to both vessels during the period of their interface.

(5) The VSO may assign security duties to other vessel personnel; however, the VSO remains responsible for these duties.

(b) *Qualifications.* The VSO must have general knowledge, through training or equivalent job experience, in the following:

(1) Those items listed in §104.210 (b)(1) and (b)(2) of this part;

(2) Vessel layout;

(3) The VSP and related procedures, including scenario-based response training;

(4) Crowd management and control techniques;

(5) Operations of security equipment and systems; and

(6) Testing and calibration of security equipment and systems, and their maintenance while at sea.

(c) *Responsibilities.* In addition to those responsibilities and duties specified elsewhere in this part, the VSO must, for each vessel for which he or she has been designated:

(1) Regularly inspect the vessel to ensure that security measures are maintained;

(2) Ensure maintenance and supervision of the implementation of the VSP, and any amendments to the VSP;

(3) Ensure the coordination and handling of cargo and vessel stores and bunkers in compliance with this part;

(4) Propose modifications to the VSP to the Company Security Officer (CSO);

(5) Ensure that any problems identified during audits or inspections are reported to the CSO, and promptly implement any corrective actions;

(6) Ensure security awareness and vigilance on board the vessel;

(7) Ensure adequate security training for vessel personnel;

(8) Ensure the reporting and recording of all security incidents;

(9) Ensure the coordinated implementation of the VSP with the CSO and the relevant Facility Security Officer, when applicable;

(10) Ensure security equipment is properly operated, tested, calibrated and maintained; and

(11) Ensure consistency between security requirements and the proper treatment of vessel personnel affected by those requirements.

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§ 104.220 Company or vessel personnel with security duties.

Company and vessel personnel responsible for security duties must have knowledge, through training or equivalent job experience, in the following, as appropriate:

(a) Knowledge of current security threats and patterns;

(b) Recognition and detection of dangerous substances and devices;

(c) Recognition of characteristics and behavioral patterns of persons who are likely to threaten security;

(d) Techniques used to circumvent security measures;

- (e) Crowd management and control techniques;
- (f) Security related communications;
- (g) Knowledge of emergency procedures and contingency plans;
- (h) Operation of security equipment and systems;
- (i) Testing and calibration of security equipment and systems, and their maintenance while at sea;
- (j) Inspection, control, and monitoring techniques;
- (k) Relevant provisions of the Vessel Security Plan (VSP);
- (l) Methods of physical screening of persons, personal effects, baggage, cargo, and vessel stores; and
- (m) The meaning and the consequential requirements of the different Maritime Security (MARSEC) Levels.

§ 104.225 Security training for all other vessel personnel.

All other vessel personnel, including contractors, whether part-time, full-time, temporary, or permanent, must have knowledge of, through training or equivalent job experience in the following, as appropriate:

- (a) Relevant provisions of the Vessel Security Plan (VSP);
- (b) The meaning and the consequential requirements of the different Maritime Security (MARSEC) Levels, including emergency procedures and contingency plans;
- (c) Recognition and detection of dangerous substances and devices;
- (d) Recognition of characteristics and behavioral patterns of persons who are likely to threaten security; and
- (e) Techniques used to circumvent security measures.

[USCG-2003-14749, 68 FR 39302, July 1, 2003, as amended at 68 FR 60513, Oct. 22, 2003]

§ 104.230 Drill and exercise requirements.

(a) *General.* (1) Drills and exercises must test the proficiency of vessel personnel in assigned security duties at all Maritime Security (MARSEC) Levels and the effective implementation of the Vessel Security Plan (VSP). They must enable the Vessel Security Officer (VSO) to identify any related security deficiencies that need to be addressed.

(2) A drill or exercise required by this section may be satisfied with the implementation of security measures required by the Vessel Security Plan as the result of an increase in the MARSEC Level, provided the vessel reports attainment to the cognizant COTP.

(b) *Drills.* (1) The VSO must ensure that at least one security drill is conducted at least every 3 months, except when a vessel is out of service due to repairs or seasonal suspension of operation provided that in such cases a drill must be conducted within one week of the vessel's reactivation. Security drills may be held in conjunction with non-security drills where appropriate.

(2) Drills must test individual elements of the VSP, including response to security threats and incidents. Drills should take into account the types of operations of the vessel, vessel personnel changes, and other relevant circumstances. Examples of drills include unauthorized entry to a restricted area, response to alarms, and notification of law enforcement authorities.

(3) If the vessel is moored at a facility on the date the facility has planned to conduct any drills, the vessel may, but is not required to, participate in the facility's scheduled drill.

(4) Drills must be conducted within one week from whenever the percentage of vessel personnel with no prior participation in a vessel security drill on that vessel exceeds 25 percent.

(5) Notwithstanding paragraph (b)(4) of this section, vessels not subject to SOLAS may conduct drills within 1 week from whenever the percentage of vessel personnel with no prior participation in a vessel security drill on a vessel of similar design and owned or operated by the same company exceeds 25 percent.

(c) *Exercises.* (1) Exercises must be conducted at least once each calendar year, with no more than 18 months between exercises.

(2) Exercises may be:

- (i) Full scale or live;
- (ii) Tabletop simulation or seminar;
- (iii) Combined with other appropriate exercises; or