

- (ii) Relevant government legislation and regulations;
 - (iii) Responsibilities and functions of other security organizations;
 - (iv) Methodology of Vessel Security Assessment;
 - (v) Methods of vessel security surveys and inspections;
 - (vi) Instruction techniques for security training and education, including security measures and procedures;
 - (vii) Handling sensitive security information and security related communications;
 - (viii) Knowledge of current security threats and patterns;
 - (ix) Recognition and detection of dangerous substances and devices;
 - (x) Recognition of characteristics and behavioral patterns of persons who are likely to threaten security;
 - (xi) Techniques used to circumvent security measures;
 - (xii) Methods of physical screening and non-intrusive inspections;
 - (xiii) Security drills and exercises, including drills and exercises with facilities; and
 - (xiv) Assessment of security drills and exercises.
- (c) *Responsibilities.* In addition to those responsibilities and duties specified elsewhere in this part, the CSO must, for each vessel for which he or she has been designated:
- (1) Keep the vessel apprised of potential threats or other information relevant to its security;
 - (2) Ensure a Vessel Security Assessment (VSA) is carried out;
 - (3) Ensure a Vessel Security Plan (VSP) is developed, approved, and maintained;
 - (4) Ensure the VSP is modified when necessary;
 - (5) Ensure vessel security activities are audited;
 - (6) Arrange for Coast Guard inspections under 46 CFR part 2;
 - (7) Ensure the timely or prompt correction of problems identified by audits or inspections;
 - (8) Enhance security awareness and vigilance within the owner's or operator's organization;
 - (9) Ensure relevant personnel receive adequate security training;
 - (10) Ensure communication and cooperation between the vessel and the port and facilities with which the vessel interfaces;
 - (11) Ensure consistency between security requirements and safety requirements;
 - (12) Ensure that when sister-vessel or fleet security plans are used, the plan for each vessel reflects the vessel-specific information accurately;
 - (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.

§ 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 a member of the crew.

(3) For unmanned vessels, 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.

§ 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: