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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.
- (n) Relevant aspects of the TWIC program and how to carry them out.

[USCG–2003–14749, 68 FR 39302, July 1, 2003, as amended by USCG–2006–24196, 72 FR 3580, Jan. 25, 2007]

§ 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

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(e) Techniques used to circumvent security measures.

(f) Relevant aspects of the TWIC program and how to carry them out.

[USCG–2003–14749, 68 FR 39302, July 1, 2003, as amended at 68 FR 60513, Oct. 22, 2003; USCG–2006–24196, 72 FR 3580, Jan. 25, 2007]

§ 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