



Training for Use of Force Against Piracy

Prepared by

The Maritime Administration
of the U.S. Department of Transportation

in consultation with

the Department of Defense
and
the Department of Homeland Security

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TRAINING CURRICULUM FOR USE OF FORCE AGAINST PIRACY

INTRODUCTION

This course provides guidance for education and training on the use of force against piracy. It meets the requirements of Section 502 of the Piracy Suppression Act of 2012 (P.L. 112-213; 126 Stat. 1574) (the “Act”).

BACKGROUND:

The Act was signed into law by President Obama on December 20, 2012.

Section 502 of the Act established a new provision of law at 46 U.S.C. 51705, including in part the following requirements:

The Secretary of Transportation, in consultation with the Secretary of Defense and the Secretary of the department in which the Coast Guard is operating, shall certify a training curriculum for United States mariners on the use of force against pirates. The curriculum shall include—

- (1) information on waters designated as high-risk waters by the Commandant of the Coast Guard;*
- (2) information on current threats and patterns of attack by pirates;*
- (3) tactics for defense of a vessel, including instruction on the types, use, and limitations of security equipment;*
- (4) standard rules for the use of force for self-defense as developed by the Secretary of the department in which the Coast Guard is operating under Section 912(c) of the Coast Guard Authorization Act of 2010 (Public Law 111-281; 46 U.S.C. §8107 note), including instruction on firearm safety for crewmembers of vessels carrying cargo under section 55305 of this title [Title 46]; and,*
- (5) procedures to follow to improve crewmember survivability if captured and taken hostage by pirates.*

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CURRICULUM FRAMEWORK:

Module	Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
1	Identifying High Risk Waters and understanding policies and practices to be followed	Knowledge of MARSEC Directive 104-6 (a document marked as containing Sensitive Security Information or SSI with restricted distribution), Port Security Advisories and MARAD Advisories	Assessment obtained from examination	Ability to identify MARSEC Directive and HRW
2	Recognizing current pirate tactics	Knowledge of the current threats and practices of pirates and sources that provide updated information	Assessment obtained from training or examination	Current threats and sources that provide threats correctly identified
3	Demonstrating vessel defense tactics	Knowledge of how to defend against pirate tactics before, during, and after an attack; knowledge of Best Management Practices (BMP), MARSEC Directive, and Vessel Security Plan	Assessment obtained from training or examination	BMPs, MARSEC requirements, and tactics in accordance with Security Plan correctly identified
4	Identifying Rules for Use of Force and Demonstrating Basic Firearms Safety for Seafarers	Knowledge of firearms safety and rules for use of force (*This training presupposes that Seafarers will not be handling or employing firearms except in exigent circumstances)	Assessment obtained from training or examination	Ability to explain when use of force is warranted and to demonstrate basic firearm safety
5	Identifying tactics for hostage survivability	Knowledge of best practices in event a ship is taken over, including preparation and training prior to an attack and post –release treatment	Assessment obtained from training or examination	Ability to demonstrate practices in a hostage situation

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Part A: Course Framework

Scope

This model course consists of five modules and is intended to provide the knowledge required for personnel aboard vessels that transit High Risk Waters, as designated by the U.S. Coast Guard, to use appropriate force against piracy. The curriculum envisions use of certain Sensitive Security Information (SSI). SSI is information obtained or developed which, if released publicly, would be detrimental to transportation security under 49 CFR Part 1520 or transportation safety under 49 CFR Part 15. Training providers must take care to ensure that SSI is provided to trainees strictly on a “need to know” basis.

Objective

Those who complete this course successfully should be able to demonstrate knowledge, understanding, and proficiency in the use of force against piracy in accordance with the Piracy Suppression Act of 2012.

Course Completion Certificate

A course completion certificate should be issued upon successfully completing the course and assessments, certifying that the certificate holder has met the requirements for the “Training Curriculum for use of Force Against Piracy.”

Course Delivery

The objectives of this course may be achieved through various methods, including classroom training, in-service training (on board vessel), computer-based training, or some combination of these methods.

Instructor Qualifications

The instructor in charge of the course shall have had training and/or acceptable equivalent practical experience in its subject matter piracy, including knowledge of vessel operations, maritime security procedures, and the requirements of the Training for use of Force Against Piracy. Instructors should also have either appropriate training in or be familiar with instructional techniques and training methods.

Teaching Facilities

An ordinary classroom or similar meeting room with a blackboard or equivalent is sufficient for this course. In addition, when making use of audiovisual materials, the instructor should ensure that appropriate equipment is available. Finally, the use of maritime environments (vessels, facilities, or mock-ups) for certain segments of the course may enhance the overall effectiveness of this training.

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Teaching References

Best Management Practices to Deter Piracy off the Coast of Somalia and in the Arabian Sea Area (BMP), Witherby Publishing Group- current version

U.S Coast Guard MARSEC Directive 104-6 current version (SSI)

US Coast Guard Port Security Advisories (PSA):

PSA 2-09 (Rev. 3): Non-SSI version of MARSEC Directive 104-6 (series)

PSA 3-09: Guidance on Self-Defense or Defense of Other by U.S. Flagged Commercial Vessels Operating in High Risk Waters

PSA 4-09 (Rev 4): International Traffic in Arms Regulations (ITAR)

PSA 5-09 (Rev 1): Minimum Guidelines for Contracted Security Services in High Risk Waters

PSA 6-09 (Rev 1): Procedures for Obtaining a Name-Based Terrorism Check For Security Personnel Operating in High Risk Waters (HRW) In Accordance With Port Security Advisory (PSA) 05-09 (Rev 1)

PSA (8-09): Port State Response to Request for Information Regarding Carriage and Transport of Self-Defense Weapons Aboard U.S. Commercial Vessels and Port Information document

PSA (9-09): Expected Courses of Action Following Attacks by Pirates in the Horn of Africa Region

PSA 11-09 (Rev 1): U.S. Coast Guard Counter Piracy Information

Good Practice Guide for Shipping Companies and Manning Agents for the Humanitarian Support of Seafarers and Their Families http://mphrp.org/about_us.php

Post-Piracy Care For Seafarers – Center for Seafarers’ Rights - The Seamen’s Church Institute <http://seamenschurch.org/csr>

Ship Operations Cooperative Program (SOCP) DVD 2010

On Board Anti-Piracy Measures for Mariners

Crew Hostage Situational Awareness

ISO 28007 Guidelines for Private Maritime Security Companies (PMSC) Providing

Contracted Armed Security Personnel (PCASP) On Board Ships

International Maritime Center (IMB) Piracy Reporting Center Issuances

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Part B: Course Outline

Subject Area

Section 1 Introduction [30 minutes minimum]

- 1.1 Course Overview
- 1.2 Competencies to be Achieved

Section 2 U.S. Guidelines and Requirements for High Risk Waters (HRW) [30 minutes minimum]

- 2.1 Maritime Security (MARSEC) 104-6 (SSI)
- 2.2 Port Security Advisories (PSA's)

Section 3 Pirate Tactics [120 minutes minimum]

- 3.1 Sources
- 3.2 Best Management Practices
- 3.3 Vessel Security Plan

Section 4 Counter-piracy Tactics [120 minutes minimum]

- 4.1 Vessel Security Plan
- 4.2 Reporting Procedures

Section 5 Rules for the Use of Force & Firearms Safety [120 minutes minimum]

- 5.1 Firearms Safety Background
- 5.2 Major Firearms Components
- 5.3 Rules for the Use of Force (RUF)
- 5.4 International and National Laws of Self-defense
- 5.5 Firearms Safety

Section 6 Preparing for and Surviving a Hostage Situation [60 minutes minimum]

- 6.1 Best Management Practices
- 6.2 Post Piracy Care

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Part C: Detailed Teaching Syllabus

Competencies

Those who successfully complete this course will have demonstrated knowledge, understanding and proficiency in the following competencies:

1. Identifying HRW and understanding policies and practices to be followed
2. Recognizing current pirate tactics
3. Demonstrating vessel defense tactics
4. Identifying Rules for Use of Force and demonstrating Basic Firearms Safety for Seafarers
5. Identifying tactics for hostage survivability

This detailed teaching syllabus, which is in learning objective format, describes what the trainee should be able to demonstrate in terms of knowledge. The learning objectives are prefaced by the words, “The expected learning outcome is that the trainee will be able to. . .”

Learning Objectives

1. Introduction

- 1.1 Course overview
 - .1 Describe the topics and emphasis of the course
- 1.2 Competencies to be achieved
 - .1 Describe the competencies that will be achieved through completion of the course

2. Identifying High Risk Waters

- 2.1 MARSEC Directive 104-6 Sensitive Security Information (SSI) (Master and Vessel Security Officer (VSO) only)
 - .1 Understand control of SSI documents
 - .2 Discuss procedures for access to and protection of SSI
 - .3 Identify HRW and policies to be complied with
- 2.2 Port Security Advisories (current versions)
 - .1 Discuss content of the following PSAs;
 - PSA 2-09: Non-SSI version of MARSEC Directive 104-6 (series)
 - PSA 3-09: Guidance on Self-Defense or Defense of Others by U.S.-Flagged Commercial Vessels Operating in HRW
 - PSA 4-09 : International Traffic in Arms Regulations (ITAR)
 - PSA 5-09 : Minimum Guidelines for Contracted Security Services in HRW
 - PSA 6-09 : Procedures for Obtaining a Name-Based Terrorism Check For Security Personnel Operating in HRW in accordance with PSA 05-09 (Rev 1)
 - PSA (8-09): Port State Response to Request for Information Regarding Carriage and Transport of Self-Defense Weapons Aboard U.S. Commercial Vessels and Port Information document

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- PSA (9-09): Expected Courses of Action Following Attacks by Pirates in the Horn of Africa Region
- PSA 11-09 : U.S. Coast Guard Counter Piracy Information

3. Pirate Tactics

3.1 Sources

- .1 Provide sources of current information on pirate tactics and access the sources including:

- ONI World Wide Threat to Shipping Reports (WWTTS)
- ONI Piracy Analysis and Warning Weekly (PAWW)
- Maritime Liaison Office Bahrain (MARLO) Issuances
- MARAD Advisories
- NGA warnings and Ship Hostile Action Reports (SHAR)
- International Maritime Bureau (IMB) Piracy Reporting Center Issuances

3.2 Best Management Practices

- .1 Describe typical pirate attacks
- .2 Explain company planning
- .3 Describe ship Master's planning
- .4 Explain ship protection measures
- .5 Conduct a risk assessment

3.3 Vessel Security Plan

- .1 Describe requirements to conduct an exercise prior to entering HRWs
- .2 Explain how exercise is conducted

4. Counter-piracy Tactics

4.1 Vessel Security Plan

- .1 Provide crew assignments
- .2 Identify alarms

4.2 Reporting Procedures

- .1 Describe reporting procedures including
 - coordination with United States using Ship Security Alert System (SSAS)
 - coordination with Maritime Security Center Horn of Africa (MSCHOA)/Combined Task Force 151 (CTF-151)/European Union (EU) ATALANTA/NATO OCEAN SHIELD

5. Rules for the Use of Force and Firearms Safety

5.1 Firearms Safety Background

- .1 Understand firearm accidental discharge statics
- .2 Recognize authority given to companies to employ security forces
- .3 Comprehend universal safety rules
- .4 Understand most commonly cited firearm safety rules

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5.2 Major Firearms Components

- .1 Identify handgun components
- .2 Identify long gun (rifle / shotgun)
- .3 Identify safeties on firearms including the safeties on the 10 most common firearms used by security forces

5.3 Rules for the Use of Force (RUF)

- .1 Explain RUF and self-defense
- .2 Describe inherent right of self-defense
- .3 Explain necessary and reasonable actions in self-defense
- .4 Define use of deadly force and threat of use of deadly force
- .5 Explain escalation of force process

5.4 International and national laws of self-defense

- .1 Define piracy under international law
- .2 Explain the duties of nations to cooperate in the repression of piracy
- .3 Understand national (flag state) laws/guidelines concerning use of force
- .4 Explain the importance of knowing and complying with port and coastal state laws on the possession and use of firearms and use of force in self-defense

5.5 Firearms Safety (Note: have onboard security forces demonstrate safeties on the firearms to be used aboard the crewmembers' vessels.)

- .1 Explain how to safe and clear firearms including understanding the principle behind safe and clearing of firearms
- .2 Identify situations that may arise where you may have to safe and clear a firearm and explain procedures (steps) to safe and clear a firearm
- .3 Demonstrate the transfer of firearms from one person to another

6. Preparing for and Surviving a Hostage Situation

6.1 Best Management Practices

- .1 Describe how to recognize a pirate attack
- .2 Explain post-incident reporting requirements
- .3 Provide options on what to do if the pirates take control
- .4 Explain actions to take if the military action occurs

6.2 Post-piracy Care

- .1 Explain procedures available for complete medical assessment
- .2 Explain actions available once repatriated
- .3 Explain availability of follow-up assessments

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Part D: Instructor Manual

Overview

The detailed teaching syllabus provided in Section C provides guidance on the material that is to be presented during the Training for Use of Force Against Piracy course and is the core material that must be used develop the Instructor Manual. The curriculum reflects the views of the course developers with respect to methodology and organization, as well as what they consider relevant and important in light of their experience as instructors. Although the guidance given should be of value initially, each instructor should develop his or her own methods and ideas, recognize and refine what is successful, and discard that which does not work satisfactorily. The Instructor Manual should reflect the methods, venues, and sources/references that will be used in the course.

The detailed teaching syllabus must be studied carefully and, where appropriate, lesson plans or lecture notes should be applied. The course outline and timetable provide guidance on the time allocation for each topic; however, it should be emphasized that the listed duration of each section represents the minimum time required to convey the specified material.

The teaching material has been arranged under the following five modules:

1. Identifying High Risk Waters and understanding policies and practices to be followed.
2. Recognizing current pirate tactics
3. Demonstrating vessel defense tactics
4. Identifying Rules for Use of Force and demonstrating basic firearms safety for seafarers
5. Identifying tactics for hostage survivability

Preparation and planning are the most important criteria in effectively presenting this course. Availability and proper use of course materials are also essential for maximum efficacy in conveying the subject to trainees. The capabilities and limitations of the facilities in use may dictate that the learning objectives be adjusted, but changes should be kept to a minimum. Where possible, lectures should be supported by practical demonstrations, table-top exercises, written course materials, videos, and other media that allow the trainee to embrace the material to the fullest extent and should be indicated in the Instructor's Manual. Instructors should prepare learning materials for use with overhead projectors or for distribution to trainees as handouts.

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Manual

The Instructor Manual must include the following sections and provide the information indicated below:

- Teaching References
- Teaching Aids
- Method of Examination
- Determination of Final Grade
- Re-test Procedures
- Course Critique

Teaching References

The teaching references provided in Section A will provide the subject matter information for the course. Additional material may be used, but should be indicated in the Manual.

Teaching Aids

Visual aids: Include copies of all visual aids and a discussion of how audiovisual and other aids will be used during the training course, and which performance objectives they will affect. This information should be included in the lesson plans for the curriculum.

Textbooks and Handouts

Include copies of all student handouts, classroom exercises and homework assignments, workbooks, and a bibliography of textbooks to be used.

Method of Examination Aids

Include an explanation of how the students' performance will be evaluated throughout the course. Include whichever is applicable:

Written Examinations: Copies of all written examinations with accompanying answer key, the grading procedure to be used, frequency of exam revisions, and grading scheme including a passing score.

Practical Demonstrations: Detailed descriptions of all practical or simulator examinations, tests, or exercises that describe the situation presented to the student; what the students must do to successfully complete each test; and how each student's performance will be evaluated and recorded.

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Provide a separate checklist to evaluate each practical examination and what is considered a passing score. This checklist should include the condition under which the practical demonstration will occur, the behavior to be observed, and the criteria for successful completion of the demonstration.

Note: Instructors or other training provider personnel should not assist or coach students in any way during the examination process.

Determination of Final Grade

Include a discussion of how the instructor(s) will determine final grades by proportioning written and practical examination scores, as appropriate.

Re-test Procedures

Include a description of the training provider's policy on re-tests of failed examinations.

Course Critique:

The instructor should seek student feedback on the effectiveness of the course at the conclusion of each course. Include a sample student course evaluation form(s) or the training provider's procedures for obtaining student feedback on the effectiveness of the instruction and instructors regarding the training course.

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Part E: Acronyms

BMP	Best Management Practices
CTF	Combined Task Force
HRW	High Risk Waters
IMB	International Maritime Bureau
ISO	International Organization for Standardization
ITAR	International Traffic in Arms Regulations
MARLO	Maritime Liaison Office Bahrain
MARAD	Maritime Administration
MARSEC	Maritime Security
MSCHOA	Maritime Security Center Horn of Africa
ONI	Office of Naval Intelligence
PAWN	Policy Analysis and Warning Weekly
PCASP	Privately Contracted Armed Security Personnel
PSA	Port Security Advisory
RUF	Rules for the use of force
SCOP	Ship Operations Cooperative Program
SSAS	Ship Security Alert System
SSI	Sensitive Security Information
SHAR	Ship Hostile Action Reports
VSO	Vessel Security Officer
WWTTS	World Wide Threat to Shipping Reports