



SUB-COMMITTEE ON STANDARDS OF
TRAINING AND WATCHKEEPING
35th session
Agenda item 9

STW 35/9/1
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MEASURES TO ENHANCE MARITIME SECURITY

Submitted by the United States

SUMMARY

Executive summary: MSC 77 directed the STW Sub-Committee to develop with high priority, training and certification requirements for Ship Security Officer (SSO) in the long term and to consider all possible options. In order to develop training requirements it is necessary to agree on the competencies required to perform the duties and responsibilities of the SSO. The United States developed competencies based on these duties and responsibilities, which can be used when discussing the training requirements for an SSO.

Action to be taken: Paragraph 4

Related documents: MSC 77/26, STW 34/14, STW 34/9/2, MSC 75/24, MSC 75/WP.18 and Add.1, MSC 75/22, STW 33/17, MSC 76/4/1/Add.1

Introduction

1 The Maritime Safety Committee, at its seventy-seventh session, agreed to include in the work programme and the provisional agenda of the forthcoming session of the STW Sub-Committee an item on "Measures to Enhance Maritime Security" (MSC 77/26, paragraphs 6.81 and 6.82). In particular, MSC instructed the Sub-Committee to develop long-term training and certification requirements for the SSOs. In addition, MSC 77 agreed that as an interim measure, the International Ship Security Certificate (ISSC) would be accepted as prima facie evidence that training has been conducted in accordance with the International Ship and Port Facility Security Code (ISPS Code).

Discussion

2 In the development of a training standard, there is a prerequisite to establish the competencies that an SSO must meet in order to complete the mandatory duties and responsibilities required by the amendments to the International Convention on the Safety of Life at Sea, 1974 and detailed in Part A of the International Ship and Port Facility Security Code (ISPS Code). Once the competencies are identified, it is necessary to develop the knowledge, understanding and proficiency necessary to ensure that those competencies are achieved. Subsequently, it is essential to establish how to assess that the trainees have met the competencies and to establish the training success criteria for each competency.

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3 To assist the Sub-Committee in their discussion, the United States developed competencies for an SSO based on the duties and responsibilities in Part A of the ISPS Code and the guidance contained in Part B. The annex of this paper, presents the table of Competencies, KUPs, and suggested Methods for Demonstrating and the Criteria for evaluating each competence. In considering the above discussion, the United States recommends these results be used to develop the terms of reference when discussing the training requirements for the SSO.

Action requested of the Sub-Committee

4 The Sub-Committee is invited to take note of the above information as well as the table in the annex when discussing the training requirements for a Ship Security Officer (SSO).

ANNEX

**KNOWLEDGE, UNDERSTANDING AND PROFICIENCIES (KUPS)
REQUIRED OF THE SHIP SECURITY OFFICER**

Column 1	Column 2	Column 3	Column 4
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Implement and maintain a ship security plan and related emergency procedures	• Knowledge of the security responsibilities of the Company Security Officer (CSO), the Master, the Ship Security Officer (SSO), the crew, and the Port Facility Security Officer (PFSO) • Knowledge of the laws and regulations that govern maritime and ship security and appropriate flag and port state authorities to notify in event of a security breach • Knowledge of the elements that make up a ship security plan and related procedures • Knowledge of security contingencies and their responses • Crowd management control	Examination or assessment of evidence obtained from training, exercises and/or practical demonstration	Procedures and actions are in accordance with established principles and plans Objectives and strategy are appropriate to the nature of the situation, take account of contingencies and make optimum use of available resources Action of crewmembers contribute to maintaining order and control Ship venue not required Practical demonstration not required.

Column 1	Column 2	Column 3	Column 4
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
	• Knowledge of security levels and the appropriate readiness and protective measures for each level • Knowledge of security in the layout of a ship • Proficiency in conducting regular security inspections of the ship and audits on board • Knowledge of the operation of technical aids to security • Knowledge of security measures in port and during ship operation		

Column 1	Column 2	Column 3	Column 4
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
The assessment of risk, threat, and vulnerability	• Knowledge of methodologies for risk, threat, and vulnerability assessments • Knowledge of techniques used to circumvent security measures • Recognition of characteristics and behavioural patterns of persons who may be likely to threaten security • Recognition and detection of weapons, dangerous substances, and devices • Knowledge in handling sensitive security related information and security related communications	Examination or assessment of evidence obtained from training, exercises and practical demonstration	Procedures and actions are in accordance with established principles and plans Objectives and strategy are appropriate to the nature of the situation, take account of contingencies and make optimum use of available resources Procedures ensure a state of readiness to respond to situations Action of crewmembers contribute to maintaining order and control Ship venue not required Practical demonstration required
Methods of physical searches	• Knowledge of the various techniques used to conduct physical searches (such as personnel, baggage and cargo, etc.) and non-intrusive inspections • Implementing and co-ordinating a search	Examination or assessment of evidence obtained from training, exercises and practical demonstration	Procedures and actions are in accordance with established principles and plans Objectives and strategy are appropriate to the nature of the situation, take account of contingencies and make optimum use of available resources

Column 1	Column 2	Column 3	Column 4
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
	- Proficiency in the operation of security equipment and systems - Testing, calibration and at sea maintenance of equipment and systems		Procedures ensure a state of readiness to respond to situations Action of crewmembers contribute to maintaining order and control Ship venue not required Practical demonstration required
Encourage security awareness and vigilance	Knowledge of Instructional Techniques for training crew	Examination or assessment of evidence obtained during required training, drills, and exercises	Procedures and actions are in accordance with established principles and plans