

MARITIME SECURITY LEARNING STATION

INFORMATION TABLE

Elements of a catalog form	Explanation
Code	<ul style="list-style-type: none"> ● MARSEC
Initial design date	<ul style="list-style-type: none"> ● 02/10/2023
Final revision date	<ul style="list-style-type: none"> ● First Issue
Subject	<ul style="list-style-type: none"> ● 1. Introduction ● 2. Maritime Security Policy ● 3. Security Responsibilities ● 4. Ship Security Assessment ● 5. Security Equipment ● 6. Ship Security Plan ● 7. Threat Identification, Recognition, and Response ● 8. Ship Security Actions ● 9. Emergency Preparedness, Drills, and Exercises ● 10. Security Administration ● 11. Security Training
Title	<ul style="list-style-type: none"> ● Maritime Security Learning Station
Level	<ul style="list-style-type: none"> ● Basic
Target audience (potential participants / learner profile/)	<ul style="list-style-type: none"> ● Undergraduate Maritime Students
Short description	<ul style="list-style-type: none"> ● This course aims to educate students who may be assigned the role of Ship Security Officer (SSO) as outlined in the ISPS Code and STCW Code. It focuses on the duties related to ship security, implementing and upholding a Ship Security Plan, and collaborating with the Company Security Officer (CSO) and Port Facility Security Officers (PFSOs). The updated Ship Security Officer course focuses on providing specialized training to tackle the issue of piracy and armed robbery against ships. The adjustments are based on Section A-VI/5 of the 2010 amendments to the STCW Code.
Learning objectives (LOs)	<ul style="list-style-type: none"> ● LO1. Investigating incidents affecting maritime security. ● LO2. Understanding terms used in maritime security and national and international policies. ● LO3. Conducting routine security inspections aboard the ship to verify the maintenance of suitable security measures. ● LO4. Conducting ship security risk assessment. ● LO5. Overseeing and ensuring the execution of the Ship Security Plan, including any revisions to the plan. ● LO6. Coordinating security procedures for handling cargo and ship's stores with onboard personnel and Port Facility Security Officers. ● LO7. Suggesting changes to the Ship Security Plan. ● LO8. Reporting any shortcomings and non-conformities found during internal audits, periodic reviews, security inspections, and compliance verifications to the Company Security Officer and taking necessary remedial steps. ● LO9. Improving security awareness and vigilance on board. ● LO10. Ensuring shipboard staff get sufficient training as needed. ● LO11. reporting every security incident; ● LO12. Coordinating the execution of the Ship Security Plan with the Company Security Officer and the appropriate Port Facility Security Officer. ● LO13. Ensuring correct operation, testing, calibration, and maintenance of security equipment, if applicable.
Number of modules	<ul style="list-style-type: none"> ● 11 Modules

Learning outcomes	<ul style="list-style-type: none"> ● Learning Outcome 1. Encourage security awareness and vigilance; ● Learning Outcome 2. Understand the policies and elements effective in ship security; ● Learning Outcome 3. Assess security risk, threat, and vulnerability; ● Learning Outcome 4. Ensure that security equipment and systems, if any, are properly operated, tested and calibrated; ● Learning Outcome 5. Maintain and supervise the implementation of a Ship Security Plan; and ● Learning Outcome 6. Undertake regular inspections of the ship to ensure that appropriate security measures are implemented and maintained.
Related SDGs	<ul style="list-style-type: none"> ● Learning Station contributes to SDG 4 Quality Education target. ● It contributes to the SDG 8 Decent Work and Economic Growth target by providing training to prevent maritime crimes. ● It contributes to the SDS 9 Innovation, Industry and Infrastructure goal of preventing attacks against Maritime Critical Infrastructure. ● It contributes to SDS 14 Life Below Water target to prevent IUU fishing crimes. ● Fighting maritime crimes contributes to the SDG 17 Partnerships For The Goals target by establishing global partnerships.
Assessment methods	<ul style="list-style-type: none"> ● Multiple Choices Test Method
Duration (hours)	<ul style="list-style-type: none"> ● 28 hours
Prerequisites	<ul style="list-style-type: none"> ● No requirements needed before course.
Learning materials / resources	<ul style="list-style-type: none"> ● International Maritime Organization. (2003). International Ship & Port Facility Security (ISPS) Code, 2003 and December 2002 Amendments to SOLAS. London: IMO. (IMO-I116E). ● SOLAS Chapter XI-1 ● SOLAS Chapter XI-2 ● ISPS Code Part A ● ISPS Code Part B ● International Maritime Organization. (2009). "Guidance to Shipowners, Companies, Ship Operators, Shipmasters and Crews on Preventing and Suppressing Acts of Piracy and Armed Robbery against Ships." MSC/Circ.623/Rev.3
Quota	<ul style="list-style-type: none"> ● Minimum 8, Maximum 28 students
Language	<ul style="list-style-type: none"> ● English
Notes	<ul style="list-style-type: none"> ● A certificate should be provided to those who have completed this course, certifying that they have finished the training as a "Ship Security Officer" according to this specific model course.

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MODULES	Delivery Modes											Assessment	LEARNING OUTCOMES	
	Reading	Presentation	Video	Case Study	Hands-on examples	Checklist	Social media	Software	Artificial intelligence	Movie	Flowchart			Duration
1. Introduction														
Related Learning Objectives (LO1)														
1.1 Course overview	✓											20 min	Multiple Choices Test Method	Learning Outcome 1
1.2 Competences to be achieved	✓											10 min		
1.3 Historical perspective	✓		✓	✓					✓			30 min		
1.4 Current security threats and patterns	✓	✓	✓							✓		160 min		
1.5 Ship and port operations and conditions	✓		✓									20 min		
2. Maritime Security Policy														
Related Learning Objectives (LO2)														
2.1 Relevant international conventions, codes, and recommendations	✓								✓			40 min	Multiple Choices Test Method	Learning Outcome 2
2.2 Relevant government legislation and regulations	✓	✓							✓			30 min		
2.3 Definitions -Ship Security Plan -Company Security Officer -Ship Security Officer -Port facility -Ship / Port Interface -Ship to ship activity -Port Facility Security Officer -Designated Authority -Recognized Security Organization -Declaration of Security -Security incident -Security Level -The three security levels -Terms relating to piracy and armed robbery	✓								✓			60 min		
2.4 Legal implications of action or non-action by security personnel									✓			15 min		

2.5 Handling sensitive security-related information and communications										<input checked="" type="checkbox"/>			15 min		
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3. Security Responsibilities

Related Learning Objectives (LO3, LO5, LO6, LO7, LO8, LO12)

3.1 Contracting governments			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			20 min	Multiple Choices Test Method	Learning Outcome 1 and 2
3.2 Recognized Security Organizations	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										15 min		
3.3 The company	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>			20 min		
3.4 The ship	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						20 min		
3.5 The port facility			<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>			20 min		
3.6 Ship Security Officer	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>			20 min		
3.7 Company Security Officer	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>			20 min		
3.8 Port Facility Security Officer	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>			20 min		
3.9 Seafarers with designated security duties	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>			20 min		
3.10 Port facility personnel with designated security duties	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										10 min		
3.11 Other personnel		<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>			10 min		

4. Ship Security Assessment

Related Learning Objectives (LO4)

4.1 Risk assessment methodology	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								40 min	Multiple Choices Test Method	Learning Outcome 2 and 3
4.2 Assessment tools					<input checked="" type="checkbox"/>								20 min		
4.3 On-scene security surveys	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>						20 min		
4.4 Security assessment documentation		<input checked="" type="checkbox"/>											20 min		

5. Security Equipment

Related Learning Objectives (LO3, LO6, LO13)

5.1 Security equipment and systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			40 min	Multiple Choices Test Method	Learning Outcome 4
5.2 Operational limitations of security	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>			20 min		

8.4 Reporting security incidents	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							60 min		
8.5 Implementation of security procedures	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>						60 min		

9. Emergency Preparedness, Drills, and Exercises

Related Learning Objectives (LO9, LO10)

9.1 Contingency planning	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			30 min	Multiple Choices Test Method	Learning Outcome 5
9.2 Security drills and exercises	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							35 min		
9.3 Assessment of security drills and exercises	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			30 min		

10. Security Administration

Related Learning Objectives (LO8, LO11)

10.1 Documentation and records	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									40 min	Multiple Choices Test Method	Learning Outcome 5 and 6
10.2 Monitoring and control								<input checked="" type="checkbox"/>				10 min		
10.3 Security audits and inspections	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			40 min		
10.4 Reporting nonconformities	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		40 min		

11. Security Training

Related Learning Objectives (LO10)

11.1 Training requirements	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			30 min	Multiple Choices Test Method	Learning Outcome 1, 5 and 6
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