

Course Syllabus

Course Title: ISPS & Company Security Officer (CSO) Online Course



Course Duration:	20 Hours
Course Difficulty:	Advanced
Course Category:	Security



Learning Outcomes

- Master the Development and Implementation of a Ship Security Plan (SSP): Learn how to create, apply, and oversee an effective SSP that aligns with the ISPS Code, addressing security threats and operational needs in real-world maritime scenarios.*
- Observe Effective Security Risk Assessments: Observe practical skills to identify threats, vulnerabilities, and potential consequences to ship operations, enabling you to develop strong preventive and responsive security strategies.*
- Implement and Maintain Maritime Security Measures: Understand regulatory compliance, industry best practices, and company policies to ensure shipboard security, protect personnel, and prevent security breaches.*
- How to Manage Shipboard Security Equipment and Systems: Learn to monitor, assess, and maintain security technology, ensuring operational readiness and compliance with maritime security regulations.*
- Enhance Security Awareness and Crew Preparedness: Develop strategies to cultivate a proactive security culture, improve situational awareness, and encourage vigilant reporting among crew members and stakeholders.*

References:

- IMO Model Course 3.20
- IMO Convention & Codes
- Marine Transportation Security Act & Regulations
- ICS
- BMP
- MCA (UK), USCG
- Transport Canada

Course Subject	Time
Introduction <ul style="list-style-type: none"> • Competences to be achieved • Historical perspective • Current security threats and patterns 	1 Hour
Chapter 1 Maritime Security Policy <i>To ensure the learner understands the importance of ship security and the roles and responsibilities of organizations and individuals involved in it.</i> <ul style="list-style-type: none"> • Relevant international conventions, codes, circulars, and recommendations including those that may relate to piracy • Relevant Government legislation and regulations • Definitions • Handling sensitive security-related information and communications 	1.5 Hour
Chapter 1 Quiz	0.5 Hour

Chapter 2 Security Responsibilities <i>To ensure the learner knows the role of personnel and knows what to expect from each in terms of authority and responsibility.</i> <ul style="list-style-type: none"> Contracting Governments Recognized Security Organizations The company The ship The port facility Ship Security Officer Company Security Officer Port Facility Security Officer Shipboard Personnel with designated security duties Port facility personnel with designated security duties Other personnel 	1 Hour
Chapter 2 Quiz	0.5 Hour
Chapter 3 Ship Security Assessment and On-scene Inspections <i>To ensure the learner knows how to assess security risk, threat, and vulnerability to the ship, its personnel, cargo, and operations.</i> <ul style="list-style-type: none"> Risk assessment methodology Assessment tools On-scene Security Inspection Security assessment documentation 	1.0 Hours
Chapter 3 Quiz	0.5 Hour
Chapter 4 Security Equipment <i>To ensure the learner knows how to determine the effectiveness of current security arrangements, procedures, and equipment.</i> <ul style="list-style-type: none"> Security equipment and systems Operational limitations of security equipment and systems Testing, calibration, and maintenance of security equipment and systems 	0.75 Hour
Chapter 4 Quiz	0.5 Hour
Chapter 5 Ship Security Plan <i>To ensure the Learner understands how to implement a Ship Security Plan and the related regulatory requirements.</i> <ul style="list-style-type: none"> Purpose of the Ship Security Plan Contents of the Ship Security Plan Confidentiality issues Development of the Ship Security Plan Approval of the Ship Security Plan Implementation of the Ship Security Plan Maintenance and modification of the Ship Security Plan 	0.75 Hours
Chapter 5 Quiz	0.5 Hour

Chapter 6 Threat Identification <i>To ensure the learner understands and recognition, on a non-discriminatory basis, of persons posing potential security risks.</i> <ul style="list-style-type: none"> • Potential security risks • Recognition of threats due to impending piracy attack • Recognition and detection of weapons, dangerous substances, and devices • Implementing and coordinating searches • Methods of physical searches and non-intrusive inspections • Techniques used to circumvent security measures including those used by pirates • Crowd management and control techniques 	3.0 Hours
Chapter 6 Quiz	0.5 Hour
Chapter 7 Ship Security Actions <i>To ensure the learner understands and be familiar with Part A of the ISPS Code together with the Ship Security Officer.</i> <ul style="list-style-type: none"> • Actions required by different security levels, including actions to be taken to prevent piracy and armed robbery • Maintaining the security of the ship/port interface • Usage of the Declaration of Security • Implementation of security procedures 	2.0 Hours
Chapter 7 Quiz	0.5 Hour
Chapter 8 Emergency Preparedness, Drills, and Exercises <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship.</i> <ul style="list-style-type: none"> • Contingency planning • Security drills and exercises • Assessment of security drills and exercises 	1.25 Hours
Chapter 8 Quiz	0.5 Hour
Chapter 9 Security Administration <i>To ensure the learner understands how to record, monitor and report security-related events.</i> <ul style="list-style-type: none"> • Documentation and records • Reporting security incidents • Monitoring and control • Security audits and inspections • Reporting nonconformities 	1.0 Hour
Chapter 9 Quiz	0.5 Hour
Chapter 10 Security Training <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship and onshore.</i> <ul style="list-style-type: none"> • Training requirements • Instructional techniques 	0.5 Hours
Chapter 10 Quiz	0.5 Hour
Course Assessment – 45 Multiple Choice Questions	1.0 Hour