

Course Syllabus

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



Course Duration:	18 Hours
Course Difficulty:	Advanced
Course Category:	Security



Learning Outcomes

1. *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.*
2. *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.*
3. *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.*
4. *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.*
5. *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 • 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> • 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	1.0 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> • 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	1.5 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> • Risk assessment methodology • Assessment tools • On-scene Security Inspection • Security assessment documentation	2.0 Hours
Chapter 4 Security Equipment <i>To ensure the learner knows how to determine the effectiveness of current security arrangements, procedures, and equipment.</i> • Security equipment and systems • Operational limitations of security equipment and systems • Testing, calibration, and maintenance of security equipment and systems	0.75 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> • 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	2.5 Hours

Chapter 6 Threat Identification <i>To ensure the learner understands and recognition, on a non-discriminatory basis, of persons posing potential security risks.</i> • 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	1.0 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> • 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	1.0 Hour
Chapter 8 Emergency Preparedness, Drills, and Exercises <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship.</i> • Contingency planning • Security drills and exercises • Assessment of security drills and exercises	1.0 Hour
Chapter 9 Security Administration <i>To ensure the learner understands how to record, monitor and report security-related events.</i> • Documentation and records • Reporting security incidents • Monitoring and control • Security audits and inspections • Reporting nonconformities	2.0 Hours
Chapter 10 Security Training <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship and onshore.</i> • Training requirements • Instructional techniques	2.0 Hours
Course Assessment	1.0 Hour