

Model Course 1.XX

SHIP SECURITY OFFICER

6 September 2003



IMO

Part B: Course Outline

Subject Area	Hours
Introduction	1.5
1.1 Course overview	
1.2 Competences to be achieved	
1.3 Historical perspective	
1.4 Current security threats and patterns	
1.5 Ship and port operations and conditions	
2 Maritime Security Policy	1.0
2.1 Relevant international conventions, codes, and recommendations	
2.2 Relevant government legislation and regulations	
2.3 Definitions	
2.4 Legal implications of action or non-action by the Ship Security Officer personnel	
2.5 Handling sensitive security-related information and communications	
3 Security Responsibilities	1.5
3.1 Contracting governments	
3.2 Recognized Security Organizations	
3.3 The company	
3.4 The ship	
3.5 The port facility	
3.6 Ship Security Officer	
3.7 Company Security Officer	
3.8 Port Facility Security Officer	
3.9 Shipboard personnel with specific security duties	
3.10 Port Facility personnel with specific security duties	
3.11 Other personnel	
4 Ship Security Assessment	1.5
4.1 Risk assessment methodology	
4.2 Assessment tools	
4.3 On-scene security surveys	
4.4 Security assessment documentation	

Subject Area	Hours
5 Security Equipment	1.0
5.1 Security equipment and systems	
5.2 Operational limitations of security equipment and systems	
5.3 Testing, calibration and maintenance of security equipment and systems	
6 Ship Security Plan	1.5
6.1 Purpose of the Ship Security Plan	
6.2 Contents of the Ship Security Plan	
6.3 Confidentiality issues	
6.4 Implementation of the Ship Security Plan	
6.5 Maintenance and modification of the Ship Security Plan	
7 Threat Identification, Recognition, and Response	1.5
7.1 Recognition and detection of weapons, dangerous substances and devices	
7.2 Methods of physical searches and non-intrusive inspections	
7.3 Implementing and coordinating searches	
7.4 Recognition, on a non-discriminatory basis, of persons posing potential security risks	
7.5 Techniques used to circumvent security measures	
7.6 Crowd management and control techniques	
8 Ship Security Actions	1.0
8.1 Actions required by different security levels	
8.2 Maintaining security of the ship/port interface	
8.3 Usage of the Declaration of Security	
8.4 Implementation of security procedures	
9 Emergency Preparedness, Drills, and Exercises	1.0
9.1 Contingency planning	
9.2 Security drills and exercises	
9.3 Assessment of security drills and exercises	

Subject Area	Hours
10 Security Administration	1.0
10.1 Documentation and records	
10.2 Reporting security incidents	
10.3 Monitoring and control	
10.4 Security audits and inspections	
10.5 Reporting nonconformities	
11 Security Training	1.5
11.1 Training requirements	
11.2 Instructional techniques	
	Total: 14.0

Part C: Detailed Teaching Syllabus

The detailed teaching syllabus has been written in learning objective format in which the objective describes what the trainee should be able to do to demonstrate that knowledge has been transferred. All objectives are understood to be prefixed by the words, "The expected learning outcome is that the trainee"

In order to assist the instructor, references are shown against the learning objectives to indicate IMO/ILO references and publications, additional technical material and teaching aids, which the instructor may wish to use when preparing course material. The material listed in the course framework has been used to structure the detailed teaching syllabus; in particular:

Teaching aids (indicated by A);

IMO/ILO references (indicated by R);

will provide valuable information to instructors. The abbreviations used are:

add.: addendum

app.: appendix

art.: article

ch.: chapter

encl. : enclosure

p.: page

pa.: paragraph

reg.: regulation

sect.: section

The following are examples of the use of references:

R1.2 reg.1 refers to regulation 1 of the December, 2002 Amendments to the 1974 SOLAS Convention;

Al.2 sect.5 refers to training section 5 ("Security Equipment") in the guidance notes of the instructor manual.

■ Note

Throughout the course, safe working practices are to be clearly defined and emphasized with reference to current international requirements and regulations. It is expected that the institution implementing the course will insert references to national and/or regional requirements and regulations as necessary.

■ Competences

The competences to be demonstrated by candidates may be expressed as follows:

1. Maintain and supervise the implementation of a Ship Security Plan;
2. Assess security risk, threat, and vulnerability;

3. Undertake regular inspections of the ship to ensure appropriate security measures are implemented and maintained;
4. Ensure that security equipment and systems, if any, are properly operated, tested and calibrated; and
5. Encourage security awareness and vigilance.

