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STCW.2/Circ.53  
4 March 2014

**INTERNATIONAL CONVENTION ON STANDARDS OF  
TRAINING, CERTIFICATION AND WATCHKEEPING  
FOR SEAFARERS (STCW), 1978, AS AMENDED**

**Equivalent arrangements – Regulation VI/6 Mandatory minimum requirements for  
security-related training and instruction for all seafarers**

**Communication by the Government of the United Kingdom**

The Secretary-General of the International Maritime Organization has the honour to transmit herewith a communication by the Government of the United Kingdom concerning equivalent arrangements accepted in accordance with the above Convention for Regulation VI/6 Mandatory minimum requirements for security-related training and instruction for all seafarers.

The equivalent arrangements are set out in the annex.

The Secretary-General would be grateful if steps could be undertaken to bring this information to the attention of the appropriate authorities.

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## ANNEX

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Annex A  
Evaluation of STCW Courses against MSO Courses

The following tables are the results of a mapping exercise of the knowledge understanding and proficiency from the STCW<sup>1</sup> Security Awareness and Designated Security Duties courses against the learning outcomes of the Maritime Security Operatives Course.

STCW Table A-VII/6-1 - Specification of minimum standard of competence in security awareness					MSO Course
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence	Learning Outcome	
Contribute to the Enhancement of maritime security through heightened awareness	Basic working knowledge of maritime security terms and definitions, including elements that may relate to piracy and armed robbery	Assessment of evidence obtained from approved instruction or attendance at an approved course	Requirements relating to enhanced maritime security are correctly identified	Unit 301: 5.1 – 5.3	
	Basic knowledge of international maritime security policy and responsibilities of Governments, companies and persons			Unit 301: 1.1, 2.1-2.3, 2.6, 2.7, 3.1-3.6	
	Basic knowledge of maritime security levels and their impact on security measures and procedures aboard ship and in port facilities			Unit 302: 4.1-4.4	
	Basic knowledge of security reporting procedures			Unit 301: 2.1 Unit 302: 3.1, 4.1-4.4	
	Basic knowledge of security-related contingency plans			Unit 302: 2.2	
Recognition of security threats	Basic knowledge of techniques used to circumvent security measures	Assessment of evidence obtained from approved instruction or attendance at an approved course	Maritime security threats are correctly identified	Unit 302: 2.2, 3.1 – 3.3 Unit 303: 3.1 – 3.3	
	Basic knowledge enabling recognition of potential security threats, including elements that may relate to piracy and armed robbery			Unit 301: 4.1, 4.2	
	Basic knowledge enabling recognition of weapons, dangerous substances and devices and awareness of the damage they can cause			Unit 301: 4.3 Unit 302: 2.4	
	Basic knowledge in handling security-related information and security-related communications			Unit 303 2.1 – 2.3, 5.1-5.2	

<sup>1</sup> International Convention on Standards, Training, Certification and Watchkeeping 1978, as amended  
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STCW Table A-VII/6-1 - Specification of minimum standard of competence in security awareness				MSO Course
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence	Learning Outcome
Understanding of the need for and methods of maintaining security awareness and vigilance	Basic knowledge of training, drill and exercise requirements under relevant conventions, codes and IMO circulars, including those relevant for anti-piracy and anti-armed robbery	Assessment of evidence obtained from approved instruction or attendance at an approved course	Requirements relating to enhanced maritime security are correctly identified	Unit 302: 3.1 - 3.3

STCW Table A-VII/6-2 - Specifications of minimum standards of competence for seafarers with designated security duties				MSO Course
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence	Learning Outcome
Maintain the conditions set forth in a ship security plan	Working knowledge of maritime security terms and definitions, including elements that may relate to piracy and armed robbery	Assessment of evidence obtained from approved instruction or attendance at an approved course	Procedures and actions are in accordance with the principles established by the ISPS Code and the SOLAS Convention, as amended	Unit 301: 5.1-5.3
	Knowledge of international maritime security policy and responsibilities of Governments, companies and persons, including working knowledge of elements that may relate to piracy and armed robbery			Unit 301: 1.1, 2.1-2.3, 2.6, 2.7, 3.1-3.6
	Knowledge of maritime security levels and their impact on security measures and procedures aboard ship and in the port facilities			Unit 302: 4.1-4.4
	Knowledge of security reporting procedures			Unit 301: 2.1 Unit 302: 3.1, 4.1-4.4
	Knowledge of procedures and requirements for drills and exercises under relevant conventions, codes and IMO circulars, including working knowledge of those that may relate to piracy and armed robbery		Communications within the area of responsibility are clear and understood	Unit 302: 2.2
				Unit 302: 3.1 - 3.3

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STCW Table A-VII/6-2 - Specifications of minimum standards of competence for seafarers with designated security duties					MSO Course
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence	Learning Outcome	
Recognition of security risks and threats	Knowledge of the procedures for conducting inspections and surveys and for the control and monitoring of security activities specified in a ship security plan			Unit 302: 2.2	
	Knowledge of security-related contingency plans and the procedures for responding to security threats or breaches of security, including provisions for maintaining critical operations of the ship/port interface, and including also working knowledge of those that may relate to piracy and armed robbery			Unit 302: 2.2, 3.1 – 3.3 Unit 303: 3.1 – 3.3	
	Knowledge of security documentation, including the Declaration of Security			Unit 301: 2.1	
	Knowledge of techniques used to circumvent security measures, including those used by pirates and armed robbers			Unit 301: 4.1,	
	Knowledge enabling recognition of potential security threats	Assessment of evidence obtained from approved instruction or during attendance at an approved course	Procedures and actions are in accordance with the principles established by the ISPS Code and the SOLAS Convention, as amended	Unit 301: 4.1, 4.2	
	Knowledge enabling recognition of weapons, dangerous substances and devices and awareness of the damage they can cause			Unit 301: 4.3 Unit 302: 2.4	
	Knowledge of crowd management and control techniques, where appropriate			Unit 304: 1.1 Unit 303: 3.1 (guidance)	
	Knowledge in handling security-related information and security-related communications			Unit 303 2.1 – 2.3, 5.1-5.2	
	Knowledge of the methods for physical searches and non-intrusive inspections			Unit 304: 1.4	
	Undertake regular security inspections of the ship	Knowledge of the techniques for monitoring restricted areas	Assessment of evidence obtained from approved instruction or during	Procedures and actions are in accordance with the principles established by the ISPS Code and the SOLAS Convention, as amended	Unit 302: 2.4
Knowledge of controlling access to the ship and to restricted areas on board ship				Unit 302: 2.4	
Knowledge of methods for effective monitoring of deck areas and areas surrounding the ship				Unit 302: 2.4 Unit 303: 1.1 – 1.3	

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STCW Table A-VII/6-2 - Specifications of minimum standards of competence for seafarers with designated security duties					MSO Course
Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence	Learning Outcome	
	Knowledge of inspection methods relating to the cargo and ship's stores	attendance at an approved course		Unit 302: 2.4 Unit 303: 4.2	
	Knowledge of methods for controlling the embarkation, disembarkation and access while on board of persons and their effects			Unit 302: 2.4	
Proper usage of security equipment and systems, if any	General knowledge of various types of security equipment and systems, including those that could be used in case of attacks by pirates and armed robbers, including their limitations	Assessment of evidence obtained from approved instruction or during attendance at an approved course	Equipment and systems operations are carried out in accordance with established equipment operating instructions and taking into account the limitations of the equipment and systems	Unit 301: 2.3 Unit 303 2.1-2.3, 3.1, 3.2, 4.1-4.3, 6.1, 6.2	
	Knowledge of the need for testing, calibrating, and maintaining security systems and equipment, particularly whilst at sea			Unit 302: 3.1, 5.1-5.4 Unit 303: 4.1	

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Maritime Security Manager

16 March 2013

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Annex B

Maritime Security Operative course syllabus

**Unit 301 Understand the maritime security industry**

<b>UAN:</b>	<b>TBC</b>
<b>Level:</b>	3
<b>Credit value:</b>	2
<b>GLH:</b>	14
<b>Relationship to ISO 28007:</b>	This unit is linked to sections 4.3, 4.4, 4.5, 4.6, 5.1, 5.2
<b>Aim:</b>	This unit explains the maritime security industry and organisations that will enable the learner to understand the working environment and industry they will be entering.

<b>Learning outcome</b>
The learner will:
1 Understand the role of Maritime Organisations
<b>Assessment criteria</b>
The learner can:
1.1 Identify key <b>maritime organisations</b> and <b>shipping associations</b>
1.2 Identify key <b>naval/military</b> organisations
1.3 Describe the roles of the following organisations:
<ul style="list-style-type: none"> <li>• United Kingdom Maritime Trade Organisation (UKMTO)</li> <li>• Maritime Security Centre (Horn of Africa) MSC(HOA)</li> <li>• Maritime Liaison Office (MARLO)</li> </ul>

<b>Range</b>
<b>Maritime organisations</b>
International Maritime Organization (IMO), International Maritime Bureau (IMB), National Bodies eg Maritime & Coastguard Agency (MCA), National and International trade associations
<b>Shipping Associations</b>
BIMCO, International Chamber of Shipping (ICS), Intercargo, Intertanko
<b>Naval/Military</b>
North Atlantic Treaty Organisation (NATO), United Kingdom Maritime Trade Organisation (UKMTO), Task Force 8, Maritime Security Centre (Horn of Africa) MSC(HOA), Combined Maritime Forces, Maritime Liaison Office (MARLO)

<b>Learning outcome</b>
The learner will:
2 Understand current maritime security guidance

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<b>Assessment criteria</b> The learner can: <ul style="list-style-type: none"> <li>2.1 Identify key relevant <b>guidance documents</b> for maritime security</li> <li>2.2 Describe the role of the IMO in relation to Maritime security</li> <li>2.3 Explain the importance of best management practice (BMP) in maritime security</li> <li>2.4 Describe the relevance of the International Code of Conduct (ICoC) to the MSO</li> <li>2.5 Explain the <b>key elements</b> of the rules for the use of force</li> <li>2.6 Define the key purpose of the <b>International Ship and Port Facility Security Code (ISPS) Code</b></li> <li>2.7 State the action required by the following in relation to the ISPS Code: <ul style="list-style-type: none"> <li>• Company Security Officer (CSO)</li> <li>• Port Facility Security Officer (PFSO)</li> <li>• Ship Security Officer (SSO)</li> </ul> </li> <li>2.8 Define the key purpose of the <b>International safety Management (ISM) Code</b></li> </ul>
<b>Range</b> <b>Guidance Documents</b> BIMCO, Guardcon Guidance on Rules for the Use of Force (RUF), Private Maritime Security Company, National guidelines, Safety of Life at Sea (SOLAS), International Maritime Organization (IMO)  <b>Key elements</b> Command and control, graduated response, non-violent measures, weapon states, use of lethal force  <b>ISPS Code</b> ISPS code is a comprehensive set of measures to enhance the security of ships and port facilities. It provides a standardised framework for Risk Management  <b>ISM Code</b> ISM code provides an international standard for safe management and operation of ships and pollution prevention
<b>Learning outcome</b> The learner will: <ul style="list-style-type: none"> <li>3 Understand current maritime legislation</li> </ul>
<b>Assessment criteria</b> The learner can: <ul style="list-style-type: none"> <li>3.1 Describe how the current relevant <b>legislation</b> impacts on the maritime security operations</li> <li>3.2 Explain how national and international laws affect the duties of armed teams</li> <li>3.3 Explain the difference between differing jurisdictions and statutory requirements for home, flag coastal and port states</li> <li>3.4 Describe the <b>component relevant laws</b> that impact on an individual MSO post incident</li> </ul>



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|-----|---|
| 3.5 | Identify the relevant legislation applicable to the command and control of a ship and Masters authority |
| 3.6 | Describe the <b>jurisdiction areas</b> at sea   |

**Range**

**Legislation**

United Nations Convention on the law of the Sea (UNCLOS) and relevant articles relating to piracy, UN Charter, flag state law, national state law of the MSO, national state law of the third party, Convention for the Suppression of Unlawful Acts Against the Safety of Maritime Navigation (SUA)

**Component relevant laws**

laws of the Flag State of the ship, International Maritime Law, MSO own National Law, Convention for the Suppression of Unlawful Acts Against the Safety of Maritime Navigation (SUA), potentially the National Law of a third party

**Jurisdiction areas**

High seas, Territorial Seas, Contiguous Zones, Economic Exclusion Zones

**Learning outcome**

The learner will:

- 4 Understand the maritime threat

**Assessment criteria**

The learner can:

- 4.1 Describe the **threat** to maritime security  
4.2 Describe the impact of global geo-political situations on maritime security  
4.3 Identify **craft** and **equipment** used in hostile acts

**Range**

**Threat**

International terrorism, crime, piracy, activism

**Craft and equipment**

Dhows and Skiffs that have overpowered engines, surplus amounts of personnel, extended ladders, firearms and ammunition

**Learning outcome**

The learner will:

- 5 Understand the merchant shipping operating environment and procedures

**Assessment criteria**

The learner can:

- 5.1 Identify **merchant ship types** and how they operate  
5.2 Describe the **operating environment and protocol**  
5.3 Explain the importance of **cultural awareness** on board ship

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<b>Range</b>
<b>Merchant ship types</b> Liquefied Natural Gas (LNG)/Liquefied Petroleum Gas (LPG), Bulk Carriers, Cargo, Containers, Tankers, Survey, Fishing, Passenger
<b>Operating environment</b> Ship routines, crew working environment, MSO working environment
<b>Protocol</b> Company/ship drugs and alcohol policies, Crew/ MSO interaction, ships watch rotation eg Officer of the Watch
<b>Cultural awareness</b> Cultural sensitivities, race, religion, gender, languages

<b>Learning outcome</b>
The learner will: 6 Understand current employment requirements for Maritime Security Operatives
<b>Assessment criteria</b>
The learner can: 6.1 Describe the key <b>elements</b> of MSO selection screening and vetting 6.2 List <b>qualifications and training</b> required by security and shipping companies

<b>Range</b>
<b>Elements</b> Criminal record checks on individuals or national equivalent, firearms competence and currency, Curriculum Vitae, UK's Eng 1 medical certificate or national equivalent, Seamans card and Discharge Book, fit for purpose current medical training competence, relevant modules of Standards of Training Certification and Watchkeeping (STCW)
<b>Qualifications and training</b> Firearms training, enhanced medical training, team leader training

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**Unit 301      Understand the maritime security industry**

Supporting information

**Guidance**

**Learning Outcome 1 AC1.1**

**National Trade Associations**

The range refers to National and International Trade Associations and Trade Bodies. These are varied and the relevant bodies will depend on the nationality of the Training Centre and Learner

**Learning Outcome 2 AC 2.4**

**Note relating to the International Code of Conduct (ICoC)**

The ICoC was designed for personnel in land security, however, conformity with the code has been identified as a pre-requisite by some Flag, Port and National bodies as well as shipping companies, insurance and P&I clubs.

**Learning Outcome 4 AC4.2**

Learners should be made aware of the global impact of political situations/instability and the current threat of piracy against shipping across all areas of the world

**Learning Outcome 5 AC5.1**

Learners should be made aware of central characteristics of each type of ship such as speed, freeboard, manoeuvrability, weaknesses, strengths, visual identification clues

**Learning Outcome 5 AC5.2**

An overview of how the MSO supports the company Quality Management Policy should be covered

**Learning Outcome 6 AC6.1**

Learners should be made aware that the MSO screening and vetting process may include medical screening. ISO 28007 states that "Wherever possible and legally permissible under human rights and data protection laws, the screening should provide for f) assessment of medical, physical and mental fitness of personnel (this may include psychometric testing and/or written evidence from a health professional)"

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Unit 302

Understand maritime security pre-deployment planning and procedures

UAN:	TBC
Level:	3
Credit value:	1
GLH:	7
Relationship to ISO28007:	Sections 4.1, 4.2, 4.4, 5.1, 5.2, 5.3, 5.8
Aim:	This unit will ensure that learners will have a knowledge of the preparation and procedures that they will employ prior to and on joining a ship.

**Learning outcome**

The learner will:

1. Understand pre-deployment processes used by companies for teams and equipment

**Assessment criteria**

The learner can:

- 1.1 Describe the **administrative requirements** for teams in regard to travel
- 1.2 Identify the key elements of a Warning Order/Deployment Order

**Range**

**Administrative requirements**

Seaman's Card, Discharge Book, letter of invitation, Visa, MSO contract

**Warning Order/ Deployment Order**

Ship IMO number, Team composition, flight and travel details, firearms and equipment, Flag State, Flag State approval, contact details of agent

**Learning outcome**

The learner will:

2. Understand familiarisation procedures on board ship

**Assessment criteria**

The learner can:

- 2.1.2.1 Identify the **key elements** of the Team Leader and Master meeting
- 2.2 Describe the content of a security **Risk Assessment**
- 2.3 List the **key aspects** of a ship safety brief
- 2.4 Explain the purpose of the **ship security plan**

**Range**

**Key elements of meeting**

Ships routine, training routine, authority to use firearms, Risk Assessments, , location of Citadel, Ship defences and BMP 4, RUF, Incident reporting/management, crew brief

**Risk Assessment**

Measured against the Ship Security Plan, include identification of restricted areas and access to them, prevention of unauthorised access to ship, procedures to respond to

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security threats, procedures for evacuation, reporting of security incidents, identification of the SSO, identification of the ship security alert system activation points

**Key aspects**

Fire fighting, lifeboat stations, man overboard

**Ship security plan**

Techniques for monitoring restricted areas, controlling access to the ship and restricted areas on board, effective monitoring of deck areas and areas surrounding the ship, inspection methods relating to the cargo and ships stores, methods for controlling persons and their effects during embarkation, disembarkation and while on board

**Learning outcome**

The learner will:

3 Know how on board briefings and training relating to external security threats are conducted

**Assessment criteria**

The learner can:

- 3.1 Identify the elements of a **crew brief** relating to external security threats
- 3.2 Describe the **purpose** of team training on board
- 3.3 Describe the **components** of team training on board

**Range**

**Crew brief**

Identifying threats, emergency drill, citadel/safe muster points, responsibilities

**Purpose**

Maintain professional standards, contractual, meet guidance, validation

**Components**

Firearms handling, flag and coastal state legislation, first aid, best management practice, RUF, security equipment

**Learning outcome**

The learner will:

4 Understand crew roles and responsibilities

**Assessment criteria**

The learner can:

- 4.1 Explain the relationship between the Master and the Team Leader as company representatives
- 4.2 Explain the duties of the Officer of the Watch (OOW)
- 4.3 Describe the **responsibilities** of the Ship Security Officer
- 4.4 Describe the **roles and responsibilities** of key crew members

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<b>Range</b> <b>Responsibilities</b> Compliance with the ISPS Code, ship security plan, crew security training  <b>Roles and responsibilities</b> <b>Master:</b> responsible for safety, security, welfare, navigation <b>Bosun:</b> workforce management <b>Chief Engineer:</b> mechanical reliability of the ship, liaison with team for BMP <b>Medical officer/medic:</b> medical stores and facilities, treatment <b>Chief officer/First officer:</b> assume command from the master if required, usually SSO, Officer of the Watch (OOW) <b>Second Officer:</b> Officer of the Watch (OOW)
<b>Learning outcome</b> The learner will: 5 Know how to implement firearms management plans  <b>Assessment criteria</b> The learner can: 5.1 Describe the importance of complying with relevant flag, <b>national</b> and local laws for licensing and transshipment of firearms 5.2 Explain the process for the <b>checking and reporting</b> of firearms against inventory 5.3 Describe the <b>role of the agent</b> in transshipment of firearms and security equipment 5.4 Describe the <b>safe stowage requirements</b> of firearms whilst aboard
<b>Range</b> <b>National</b> Section 1, section 5 of the UK Firearms Act, ( or National equivalent Firearms Legislation)  <b>Checking and reporting</b> Firearms to be checked at the point of issue, only those on the inventory to be used, Full equipment checks on embarkation and pre arrival,  <b>Role of the agent</b> Liaison with operations managers, liaison with police/military armoury, liaison with government departments, port authorities, movement to and from the ship, accommodation and transport  <b>Safe stowage requirements</b> Safes where fitted, securing firearms case to bulk head, firearms bonding where required

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**Unit 302 Understand maritime security pre-deployment planning and procedures**

Supporting information

**Guidance notes**

**Learning Outcome 2 AC2.4**

Ship Security Plan access may be limited by some clients. The contents of a SSP are never to be communicated outside of the ship contract.

**Learning Outcome 5**

Implementation of firearms management plans are defined within the ISO28007 Section 4.2.5 (i) to (q)

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<b>Unit 303</b>	<b>Understand maritime security operating procedures</b>
<b>UAN:</b>	<b>TBC</b>
<b>Level:</b>	<b>3</b>
<b>Credit value:</b>	<b>2</b>
<b>GLH:</b>	<b>12</b>
<b>Relationship to ISO 28007</b>	<b>Sections 4.4, 4.5, 4.6, 5.1, 5.2, 5.3</b>
<b>Aim:</b>	This unit will provide the learner with knowledge of security operating procedures and standard operating procedures according to Best Management Practice whilst on board ship.

<b>Learning outcome</b>
The learner will:
1 Understand the importance of applying Best Management Practice (BMP) in maritime security operations
<b>Assessment criteria</b>
The learner can:
1.4 Identify the <b>key aspects</b> of BMP
1.5 Explain the <b>potential implications</b> to the Ship and Shipping company if BMP is not applied
1.6 Describe the <b>limitations</b> of BMP

<b>Range</b>
<b>Key aspects</b> risk assessment, reporting procedures, company planning, ship masters planning, ship protection measures, activity in high risk areas, pirate attack, event of military intervention, post incident reporting
<b>Potential implications</b> Increased risk, Insurance can be nullified, P&I clubs will not cover members ships, refusal for entry to port
<b>Limitations</b> Currency, doesn't encompass employment of armed MSO's, scope of operating areas

<b>Learning outcome</b>
The learner will:
2 Understand ships' communications and alert systems
<b>Assessment criteria</b>
The learner can:
2.9 Identify the <b>methods of communication</b> used for reporting to relevant agencies
2.10 Describe the operation of <b>alert systems</b>
2.11 Describe the format of an international MAYDAY call



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<b>Range</b>
<b>Methods of communication</b> Very High Frequency (VHF) radio, Satellite communications, Digital Selective Calling (DSC)
<b>Alert systems</b> Global Maritime Distress Safety System (GMDSS), Digital Selective Calling (DSC), Ship Security Alert System (SSAS), Automated Identification System (AIS)

<b>Learning outcome</b>
The learner will:
3 Understand the graduated response and Rules for the Use of Force (RUF)
<b>Assessment criteria</b>
The learner can:
3.7 Describe the <b>principles of graduated response</b> in the event of suspicious or aggressive approaches toward the ship
3.8 Define the basic <b>principles</b> of Rules for the Use of Force (RUF)

<b>Range</b>
<b>Principles of graduated response</b> Use of non lethal deterrents (visual presence, visual deterrents, communications), show of intent, invoke RUF, individual responsibilities e.g. follow team leader instructions before taking action, Article 8 of the European Convention on Human Rights (or National Human Rights principals equivalent)
<b>Principles of RUF</b> Escalation of weapon states, the inherent right to self-defence, attempt not to injure innocent parties, proportionate reasonable and justifiable response, aimed shots, single shots

<b>Learning outcome</b>
The learner will:
4 Understand 'weapon states', carriage, inventory and maintenance of firearms
<b>Assessment criteria</b>
The learner can:
4.1 Describe the <b>states of readiness</b> relating to firearms and the authorisation to implement them
4.2 Describe the process for <b>firearms accounting</b>
4.3 Explain the <b>environmental effects</b> on firearms

<b>Range</b>
<b>States of readiness</b> Unloaded, loaded, ready
<b>Firearms accounting</b>

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Securely stored, documented record of use, recording of ammunition expenditure

**Environmental effects**

Rusting, ingress of moisture in sighting system, effects of different temperatures

**Learning outcome**

The learner will:

5 Know how to interpret intelligence reports and summaries

**Assessment criteria**

The learner can:

5.1 List **intelligence providers** that issue summaries and reports

5.2 Describe the **effects of incident reports** on alert states and ships course

**Range****Intelligence providers**

International Maritime Bureau, Maritime Security Centre Horn Of Africa (MSC(HOA)), NATO Shipping Centre, Private Intelligence Companies, NAVTEX, other ships

**Effects of incident reports**

Inform OOW/TL/Master, route deviation, increased speed

**Learning outcome**

The learner will:

6 Be able to use navigation and navigational equipment and charts for security duties

**Assessment criteria**

The learner can:

6.1 Apply **chart work** to route selection and changes in relation to the threat

6.2 Describe **types** of radar and their security **applications** used by Maritime Security Operatives (MSO)

**Range****Chart work**

Latitude and Longitude co-ordinate plotting, distance measuring, time and distance measurement

**Types**

S band, X band, Automatic radar plotting aid (ARPA)

**Applications**

Closest Point of Approach (CPA), Target Data

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**Unit 303                      Understand maritime security operating procedures**  
Supporting information

**Guidance**

**Learning Outcome 1 AC1.1**

Learners should be made aware of the BIMCO document Interim guidance for Owners, Operators and Masters for the protection against Piracy in the Gulf of Guinea (GoG) as a supplement to BMP

**Learning Outcome 3 AC3.1**

**The process below reflects the guidance relating to principles of graduated response**

MSO will always have sole responsibility for any decision taken by him for the use of any force. Actions must always be in accordance with RuF stipulated in contract and within applicable and relevant national and international laws.

Identify suspicious activity in relation to environmental patterns of local life, inform OOW/TL/Master as appropriate, report to UKMTO/MSCHOA, evasive action if appropriate, attempt to contact vessel and inform them of armed guards if no response call team to stations, load firearms and show firearms to suspicious vessel, once piracy equipment/firearms are positively identified and positive identification of an attack is in progress move the crew to Citadel and await orders from the Team Leader.

Please note that this guidance reflects the current regional reporting centres. Tutors are advised to check the current situation before delivery of the course

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Unit 304

Understand maritime incident management and post operational procedures

UAN:	TBC
Level:	3
Credit value:	1
GLH:	5
Relationship to ISO28007	Sections 4.5, 4.6, 5.1, 5.3, 5.4, 5.5, 5.6
Aim:	This unit will provide the learner with the knowledge to report and manage incidents and understand post transit procedures.

<b>Learning outcome</b>
The learner will:
7 Understand how to manage incidents
<b>Assessment criteria</b>
The learner can:
1.7 Explain the importance of <b>scene management</b> and the protection of evidence
1.8 Describe the <b>role</b> of the MSO Team Leader post in dealing with;
<ul style="list-style-type: none"> <li>• <b>Security</b> incidents</li> <li>• <b>non security</b> incidents</li> </ul>
1.9 Describe the procedures for dealing with an <b>accidental discharge</b> of a firearm
1.10 Explain the procedure for dealing with <b>apprehended persons</b>
1.11 Identify the <b>elements</b> contained in an Incident Statement

<b>Range</b>
<b>Scene Management</b>
Protection of the site, storage of any firearms involved in an incident, visual/photographic evidence of the scene, details of injury, details and photographic evidence of damage to ship, legal governance relating to statements (SSO take statements) , in the event of deviation from transit route the TL must confirm with PMSC that firearms and security equipment can legally enter new destination, PMSC will agree procedures for casualty evacuation and management with the client prior to embarkation
<b>Role relating to:</b>
<b>Security</b>
Ensure that Annex D of BMP is completed and sent to UKMTO, follow on report to UKMTO, enter details of incident in conjunction with Master in ships log, gather statements from team members, Inform PMSC Operations room, inform the Flag State, diversion to bail out ports - this decision made between Master and Company Security Officer (CSO)
<b>Non security</b>
Enter details of incident in conjunction with Master in ships log, gather statements from team members, Inform PMSC Operations room, inform the Flag State
<b>Accidental Discharge</b>

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Statements from the MSO, firearm should be secured and inspected post transit, witness statements taken and the facts recorded in the ships log, PMSC operations room to be informed, ammunition count to be amended

**Apprehended Persons**

Unauthorised persons, pirates, the Master has the responsibility/authority to detain persons and not the MSO, MSO will dis-arm apprehended persons and hand over to the Master post-incident

**Elements**

Time, location, details of events leading up to the incident, details of the incident, identities and details of personnel and witnesses involved, written statement from those involved and witnesses, photographs, video surveillance, audio evidence (black box recorder) details of injuries or damage and lessons learnt

**Learning outcome**

The learner will:

8 Know the requirements of Post Transit Reports (PTRs)

**Assessment criteria**

The learner can:

2.12 List the **essential elements** of a Post Transit Report

2.13 Describe the **validation process** for submitted reports

**Range**

**Essential elements**

Ship details, dates, Ports of embarkation/disembarkation, Equipment Inventory, firearms storage and use, training conducted of crew and team, ship defences and recommendations, satellite phone logs, intelligence updates, Post Incident Report if necessary

**Validation process**

Recipients, PMSC validation, client validation, lessons learned, MSO assessment, Quality Management

**Learning outcome**

The learner will:

9 Know disembarkation procedures

**Assessment criteria**

The learner can:

3.9 Describe the **role** of the **MSO/Team leader** prior to/and during disembarkation

3.10 Describe the role of the master and the ship's crew during disembarkation

3.11 Identify the **information** required by the agent and port authorities from the MSO/TL

3.12 Describe roles and responsibilities of the **Agent**

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- |   |
|---|
| 3.13 Describe the role of the Port Facility Security Officer (PFSO)                   |
| 3.14 Identify <b>documentation</b> required for MSO personnel prior to disembarkation |

**Range**

**Role of MSO/TL**

ensure firearms are cleaned and stored, prepare full inventory of firearms, complete pre arrival paperwork on behalf of the Master for ammunition and security related equipment, send inventory to company operations room, establish communications with the agent

**Information**

Firearms related documentation detail i.e. serial numbers, ammunition count, MSO staff details documentation

**Agent**

The agent will apply for visa's on behalf of the team where required, arrange transportation to the armoury, arrange accommodation, travel to and from airport, liaison with government and port authorities

**Documentation**

Seamans card, Discharge book, valid passport, flight details

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**Unit 304                      Understand maritime incident management and post operational procedures**

Supporting information

**Guidance**

When teaching this unit it should be noted that UK companies should refer to the Department for Transport and the crime manual for Ship Security Officers (produced by Association of chief police officers) for the latest guidance in this unit

**Learning Outcome 1 AC 1.2**

This could relate to the following types of incidents:

Security threats, Injuries to MSOs/Crew members, unauthorised persons, accidental discharge of a firearm, breach of discipline

**Learning Outcome 1 AC 1.4**

The Voluntary Principles on Security and Human Rights contain guidance on how to deal with apprehended persons and their human rights.

**Learning Outcome 2 AC 2.2**

Learners should be made aware that negative comments on ships crew and any suggestions that may result in financial expenditure by the client, are to be sent to the PMSC office for forwarding. PTRs are not to be sent by ships email.

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