

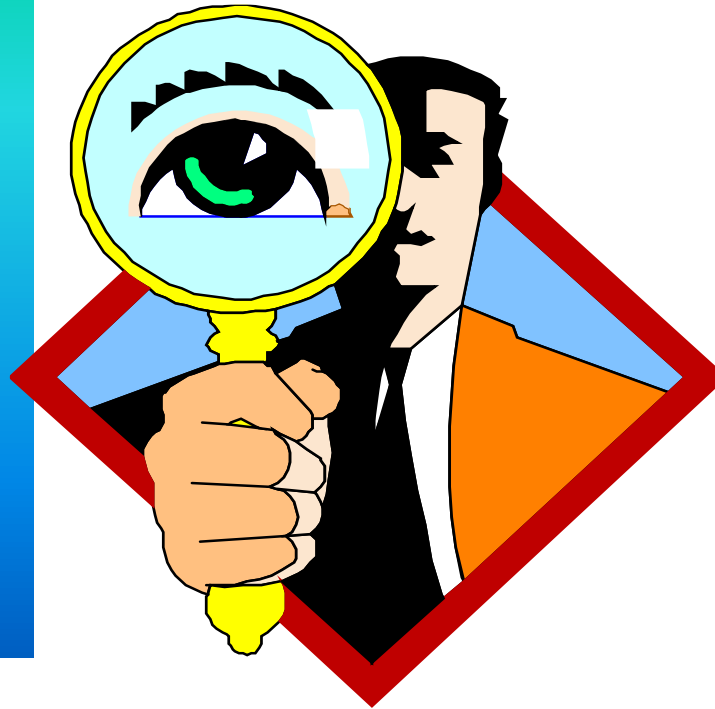


# Ship Security Assessment



## SHIP SECURITY ASSESSMENT ( SSA )

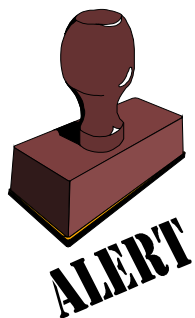
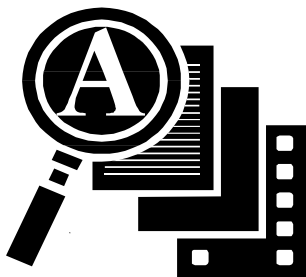
The SSA is an essential and integral part of the process of developing and updating the SSP



The CSO shall ensure that the SSA is carried out by persons with appropriate skills to evaluate the security of the ship

## SHIP SECURITY ASSESSMENT ( SSA )

The SSA shall include an on-scene security survey and, at least, with identification of :



- 1 - Existing security measures, procedures and operations
- 2 - And evaluation of key ship board operations that it is important to protect
- 3 - Possible threats to the key ship board operation
- 4 - Weakness, including human factors in the infrastructure, policies and procedures

The SSA shall be documented, reviewed, accepted and retained by the company.



# SHIP SECURITY ASSESSMENT ( SSA )

Address the following elements on board or within the ship :

Personnel protection systems

Physical security

Structural integrity

Procedural policies

Radio, telecommunication, computer systems



Other areas that may, if damaged or used for illicit observation, pose a risk to...

Those **involved should be able** to draw upon expert assistance in relation to :



- 1 - Knowledge of current security threats and patterns**
- 2 - Recognition and detection of weapons, dangerous substances and devices**
- 3 - Recognition, on a non-discriminatory basis of characteristics and behavioural patterns of persons who are likely to threaten the security**
- 4 - Techniques used to circumvent security measures**

# SHIP SECURITY ASSESSMENT ( SSA )

Those involved should be able to draw upon expert assistance in relation to :



- 5 - Methods used to cause security incident**
- 6 - Effect of explosives on ship's structures and equipment**
- 7 - Ship security**
- 8 - Ship / Port interface business practices**
- 9 - Contingency planning, emergency preparedness and response**

# SHIP SECURITY ASSESSMENT ( SSA )

Those involved should be able to draw upon expert assistance in relation to :

**10 - Physical security**

**11 - Radio and telecommunication systems,  
computer systems and networks**

**12 - Marine engineering**

**13 - Ship and port operations**



# SHIP SECURITY ASSESSMENT ( SSA )

Should consider the persons, activities, services and operations that it is important to protect. This includes :



- 1 - Ship's personnel**
- 2 - Passengers, visitors, vendors, repair technicians, port facility personnel**
- 3 - Capacity to maintain safe navigation and emergency response**
- 4 - Cargo, particularly dangerous goods or hazardous substances**
- 5 - Ship's stores**
- 6 - Security communication equipment & systems, if any**
- 7 - Security surveillance equipment & systems, if any**



# SHIP SECURITY ASSESSMENT ( SSA )

On-scene security survey should examine and evaluate existing shipboard protective measures, procedures and operations for :

- 1 - Ensuring the performance of all ship security duties**
- 2 - Monitoring restricted areas to ensure access only to authorised persons**
- 3 - Controlling access to the ship, including any identification systems**
- 4 - Monitoring of deck area and area surrounding the ship**



# SHIP SECURITY ASSESSMENT ( SSA )

On-scene security survey should examine and evaluate existing shipboard protective measures, procedures and operations for :



## **5 - Controlling the embarkation of persons and their effects**

- accompanied and unaccompanied baggage
- ship's personnel personal effects

## **6 - Supervising the handling of cargo and the delivery of ship's store**

## **7 - Ensuring that ship security communication, information, and equipment are readily available**