



How to prepare Report for Ship Security Assessment

December 2003

ClassNK

Purpose of preparing the report

- The purpose is to explain the methods of the SSA and concrete vulnerabilities and countermeasures identified to any person upon completion of the entire SSA (Stage 1 to 5)*

Sample of Report for Ship Security Assessment

Ship's particulars :-

Ship's name :-	="	Ship's type :-	="
Flag :-	="	Working language :-	="
Port of registry :-	="	Own nationality :-	="
Official number :-	="	Regular service area, if any :-	="
Call sign :-	="	Regular ports of call, if any :-	="
IMO number :-	IMO="	Class :-	="
Gross tonnage :-	="	Class number :-	="

="

Date of SSA conducted :-	From:="	To:="	Conducted by :-	="
Date of On-scene security survey conducted :-	From:="	To:="	Conducted by :-	="
Place of On-scene security survey conducted :-	="			

="

Where the SSA has been conducted by other than the CSO, :-

Date of SSA reviewed and accepted by CSO :-	="	Name of CSO in charge :-	="
		Registry of CSO :-	="

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Page 1/ Preparation

① Ship's specification

② Date of acceptance of the SSA by the CSO

• Where the SSA has been conducted by the CSO, "N/A" should be entered

Sample of Report for Ship Security Assessment

Ship's particulars

Ship's name:-		Ship's type:-	
Flag:-		Working language:-	
Port of registry:-		Crew nationality:-	
Official number:-		Regular service area, if any:-	
Call sign:-		Regular ports of call, if any:-	
IMO number:-	IMO:-	Class:-	
Gross tonnage:-		Class number:-	

Date of SSA conducted:- From: To: Conducted by:-

Date of On-scene security survey conducted:- From: To: Conducted by:-

Place of On-scene security survey conducted:-

Where the SSA has been conducted by other than the CSO:-

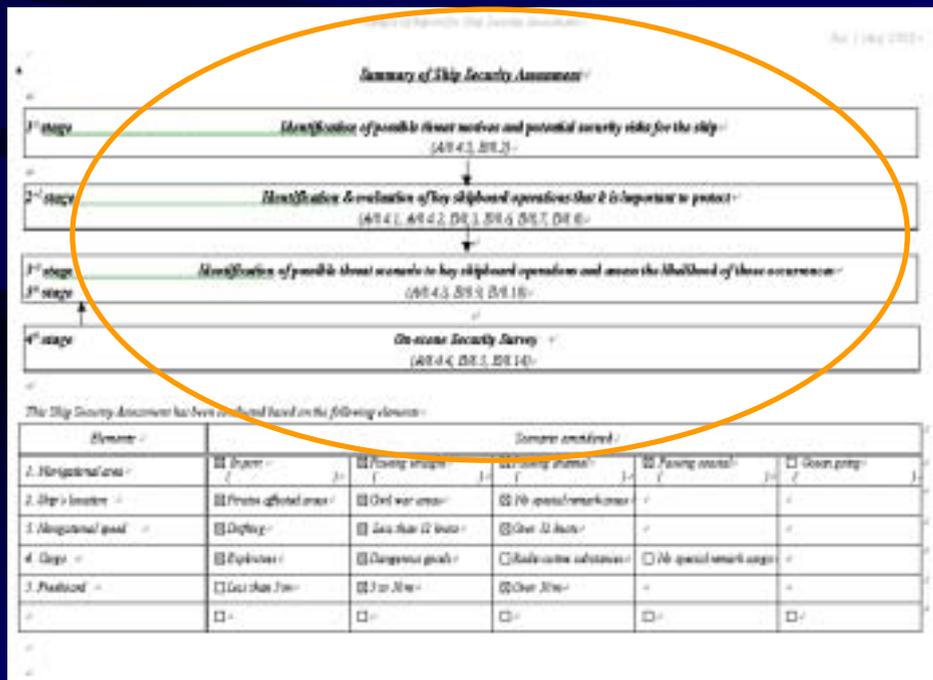
Date of SSA reviewed and accepted by CSO:-		Name of CSO in charge:-	
		Signature of CSO:-	

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Page 1

Page 2/ 5 Stages of SSA

- 1st stage : Identification of possible threat motives and risks
- 2nd stage : Identification of shipboard operation to protect
- 3rd stage : Identification and evaluation of possible threat scenario
 - (5th stage : Re-evaluation after 4th stage)
- 4th stage : On-scene Security Survey



Page 2/ Preparation

- Select items such as navigational area, location, ship's speed, type of cargo, freeboard and etc. that should be considered.

Summary of Ship Security Assessment

1st stage Identification of possible threat motives and potential security risks for the ship
(A/8.4.3, B/8.2)

↓

2nd stage Identification & evaluation of key shipboard operations that it is important to protect
(A/8.4.1, A/8.4.2, B/8.3, B/8.4, B/8.7, B/8.8)

↓

3rd stage Identification of possible threat scenarios to key shipboard operations and assess the likelihood of those occurrences
5th stage (A/8.4.3, B/8.9, B/8.10)

↑

4th stage On scene Security Survey
(A/8.4.4, B/8.5, B/8.14)

This Ship Security Assessment has been conducted based on the following elements:

Element	Scenario considered				
1. Navigational area	<input checked="" type="checkbox"/> In port ()	<input checked="" type="checkbox"/> Passing straight ()	<input checked="" type="checkbox"/> Passing channel ()	<input checked="" type="checkbox"/> Passing coastal ()	<input type="checkbox"/> Ocean going ()
2. Ship's location	<input checked="" type="checkbox"/> Pirates affected areas	<input checked="" type="checkbox"/> Civil war areas	<input checked="" type="checkbox"/> No special remark areas		
3. Navigational speed	<input checked="" type="checkbox"/> Drifting	<input checked="" type="checkbox"/> Less than 12 knots	<input checked="" type="checkbox"/> Over 12 knots		
4. Cargo	<input checked="" type="checkbox"/> Explosives	<input checked="" type="checkbox"/> Dangerous goods	<input type="checkbox"/> Radio active substances	<input type="checkbox"/> No special remark cargo	
5. Freeboard	<input type="checkbox"/> Less than 5 m	<input checked="" type="checkbox"/> 5 to 10 m	<input checked="" type="checkbox"/> Over 10 m		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Page 3/ Preparation

Records of appropriate background information

① “Yes” means the available information

② If “No”, state the reasons or comments

Sample of Report for Ship Security Assessment Rev. 1 (Aug. 2000)

Where the SSA has been conducted by the CSO has the CSO obtained the following background information? Or where the SSA has been conducted by other than the CSO, has the person who conducted the SSA received the following background information from the CSO? *

Yes	No	Background Information
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. the general layout of the ship
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. the location of areas which should have restricted access, such as navigation bridge, machinery spaces of category A and other control stations as defined in SOLAS chapter II-2, etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. the location and function of each actual or potential access point to the ship
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. changes in the tide which may have an impact on the seaworthiness or security of the ship
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. the cargo spaces and storage arrangements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. the location where the ship's stores and essential maintenance equipment is stored
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. the location where unaccompanied baggage is stored
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. the emergency and stand-by equipment available to maintain essential services
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. the number of ship's personnel, any existing security duties and any existing training requirements practices of the Company
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. existing security and safety equipment for the protection of passengers and ship's personnel
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. escape and evacuation routes and assembly stations where necessary to be maintained to ensure the orderly and safe emergency evacuation of the ship
<input type="checkbox"/>	<input checked="" type="checkbox"/>	12. existing arrangements with private security agencies providing shipboard security services WILL ENTER INTO A CONTRACT IN TIME WHEN NECESSARY
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. existing security measures and procedures in effect including inspection and control procedures, identification systems, surveillance and monitoring equipment, personnel identification documents and communication, clocks, lighting, access control and other appropriate systems

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Page 4/Preparation

Where the following item is considered, tick “Yes”

- ① persons, activities, services and operations (B/8.8)
- ② possible vulnerabilities (B/8.10)
- ③ special consideration (B/8.11)

Rev 7/2019

Has the person who conducted the SSA considered the following items?*

Yes	No	Item that is important to protect
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. the ship's personnel
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. passengers, visitors, vendors, repair technicians, port facility personnel
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. the capacity to maintain safe navigation and emergency response
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. the cargo, particularly dangerous goods or hazardous substances
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. the ship's stores
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. the ship security communication equipment and systems, if any
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. the ship's security surveillance equipment and systems, if any
Yes	No	8. conflict between safety and security measures
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. conflict between shipboard duties and security assigns
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. watch-keeping duties, number of ship's personnel per
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. any identified security pending deficiencies
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. any security equipment and systems, including access
Yes	No	Special considerations
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. particular consideration which is given to the continuous comfort and personal privacy of the ship's personnel and their ability to maintain their effectiveness over long periods

① B/8.8

② B/8.10

③ B/8.11

Page 5/ 1st Stage (1/3)

Identify the possible threat motives and risks (1)

- List up and classify possible incidents into political and symbolic motives, economical damages, damage to society/industry, fears to others, etc., for consideration.
- (Specific countermeasures might be come up while being considering these possible incidents)

1st Stage: Identification of possible threat motives and potential security risks for the ship

Security risk	Example	Likelihood			Comments
		Unlikely	Possible	High	
1. Political motives					
1.1 Does the ship have political (and religious, ideological, ethnic, nationalistic) motives related to your ship (ship owner, crew) or trade (cargo, passengers, trade routes, port)?	Cargo (e.g. weapons parts, narcotics, white, nuclear, coal) and trade routes (Middle East, US)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CARGO: CREWE OR TRADE AREA: HURKAL CULP
1.2 Does your ship trade in or deal with sensitive political issues?	Dealings with abortion, disarmament, and war (see other items, Middle East)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MIDDLE EAST
1.3 All other relevant questions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
2. Symbolic motives					
2.1 Can your ship be used as a means to harm symbolic institutions in the trade?	Well known buildings, streets, bridges, etc. (Orlando gas, Sydney, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AKADEMIEKUNST BRIDGE
2.2 Does your ship visit a port where international events take place?	Exhibitions, sports, political etc. (Japan, Korea, EXPO, WTO meeting, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WIC EVENT AVAILABLE ALWAYS IN TOKYO
2.3 Can your ship be used as a means to harm important environmental areas?	Areas of interest, environmental significance (oil, fish, marine, forest, coral reefs, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SEA: POLLUTION TO SINGAPORE, TOKYO
2.4 Does your ship itself represent a symbolic value?	Ship carries special cargo (e.g. weapons, support operations (oil or war activities, equipment or military projects), represent attitudes or values (peace, national resources, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.5 Does the visibility or the profile of your ship, company or brand represent a motive for attack?	Because of your policy, implementation of ship, political attitudes, the operations you are involved (national resources, weapons, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.6 All other relevant questions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. Economical damages					
3.1 Does your ship carry special cargo?	Flammable equipment for toxic substances, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CREWE OR TO DAMAGE ENVIRONMENT
3.2 Is it likely that known related smuggling take place from ports your ship is visiting?	Smuggling of psychotropic drugs, opium, etc. (see intelligence)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Is it likely that your crew can take part in or witness a crime related smuggling?	Efficient motives and cost-benefit ratio	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Is your ship trading in areas known for piracy?	See document Piracy report (2005)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SULAWESI STRAIT

Page 5/ 1st Stage (2/3)

Identify the possible threat motives and risks (2)

- Tick “Unlikely” if consider it might not occur
- Tick “Probable” if consider it might occur
- Tick “Likely” if consider it could occur

1st stage: Identification of possible threat motives and potential security risks for the ship

Security risk	Example	Likelihood			Comment
		Unlikely	Probable	Likely	
1. Political motives					
1.1. Does it suit political (but, religious, ideological, ethnic, nationalistic) motives related to your ship (flag, owner, crew) or trade (cargo, passengers, trade area or port)?	Cargo (e.g. weapons parts, Norwegian whale, nuclear cargo) and trade area/port (Middle East, US)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CARGO: CRUDE OIL - TRADE AREA: PERSIAN GULF
1.2. Does your ship trade in an area with unstable political situation?	Countries with elections, demonstrations, civil war, riots (West Africa, Middle East)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MIDDLE EAST
1.3. Add other relevant questions	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
2. Symbolic motives					
2.1. Can your ship be used as a means to harm symbolic constructions on the route?	Key known buildings, sites, bridges, etc. (Garden gate, Statue, opera, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ARABOBAIKYO BRIDGE
2.2. Does your ship visit a port where international events take place?	Exhibitions, sports, political, etc. (Olympic Games, EPCO WTO meeting, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ESU EVENT AVAILABLE AIRWAYS IN TOKYO
2.3. Can your ship be used as means to harm important environmental areas?	Areas for scientific, environmental, educational purposes (oil, farming, forests, coastal areas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OIL POLLUTION TO SINGAPORE, TOKYO
2.4. Does your ship itself represent or carry a symbolic value?	Ship carries special cargo (e.g. weapons), support operations (oil to war actions, equipment to military projects), represents attitudes at debate (ethnic, national resources, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
2.5. Does the visibility or the profile of your ship, company or brand represent a motive for unlawful acts?	Because of your profile, implementation of higher political attitudes, the operations you are involved (national resources, weapons, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
2.6. Add other relevant questions	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. Economical damages					
3.1. Does your ship carry special cargo?	Flammable, explosives, fire, toxic substances, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRUDE OIL TO DAMAGE ENVIRONMENT
3.2. Is it likely that terror related smuggling take place from ports your ship is visiting?	Smuggling of people/goods from Africa to ships (Dahlgren)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
3.3. Is it likely that your crew are taken port in or enroute terror related smuggling?	Political motives and economic cause	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-
3.4. Is your ship trading in an area known for piracy?	See Annual Piracy Report (ICG)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MALACCA STRAIT

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Page 5/ 1st Stage (3/3)

Identify the possible threat motives and risks (3)

- State the comments for considering the countermeasures
- Also, state the reason why “Likely” is chosen

Rev. 1 (Aug 2003)

1st stage

1st stage: Identification of possible threat motives and potential security risks for the ship

Security risks	Example	Likelihood			Comment
		Unlikely	Probable	Likely	
1. Political motives					
1.1 Does threat political (incl. religious, ideological, ethnic, national) motives related to your ship (flag, owner, crew) or trade (cargo, passengers, trade area or port)?	Cargo (e.g. weapons parts, Norwegian whale, nuclear cargo) and trade area/port (Middle East, US)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRUDE OIL - TRADE AREA: PERSIAN GULF
1.2 Does your ship trade in an area with unstable political situation?	Countries with elections, demonstrations, civil war, riots (West Africa, Middle East)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MIDDLE EAST
1.3 Add other relevant questions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
2. Symbolic motives					
2.1 Can your ship be used as a means to have symbolic constructions on the route?	UNESCO buildings, statues, bridges, etc. (Golden gate, Statue of Liberty, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AKASHI BAY'S BRIDGE
2.2 Does your ship visit a port where international events take place?	Exhibitions, sports, political, etc. (G8/Group of Seven, EMPO, WTO meeting, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ESG EVENT AVAILABLE ALWAYS IN TOKYO
2.3 Can your ship be used as means to have important environmental issues?	Area for marine environmental protection of marine fish farming, beaches, coastal areas, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OIL POLLUTION TO SINGAPORE, TOKYO
2.4 Does your ship itself represent or carry a symbolic value?	Ship carries special cargo (e.g. weapons, support operations, oil to war zones, equipment in military projects), represent attitudes of debate (crisis, national resources, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.5 Does the stability or the profile of your ship, company or brand represent a motive for an illegal act?	Because of your policy (exploitation of labor, political attitudes), the operations you are involved (national resources, weapons, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.6 Add other relevant questions		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. Economical damages					
3.1 Does your ship carry special cargo?	Platinum, equipment for nano-technology, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRUDE OIL TO DAMAGE ENVIRONMENT
3.2 Is it likely that terror related smuggling take place from ports your ship is visiting?	Smuggling of people/goods from Africa to ship (Liberians)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Is it likely that your crew can take part in or witness terror related smuggling?	Ethical motives and contracts issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Is your ship trading in an area known for piracy?	Strait of Malacca Region (SOM)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MALACCA STRAIT

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Page 7/ 2nd Stage (1/3)

Note : Before conducting 2nd stage

- Prepare the tentative security measures for the items recommended by B/9.8
- List the detailed items to be considered for mainly on security measures recommended by B/9.8

Security of Navigation (Sea Security Assessment)

Rev. 1 (Date 2008-)

2nd stage: Identification & evaluation of key shipboard operations that it is important to protect

Operations with related systems, areas and personnel	Criticality		Key security measures in place?		Existing measures, procedures, operations, warnings, limitations
	Low	High	Yes	No	
1. ACCESS CONTROL – Personnel, passengers, visitors, etc.					
1.1 Access ladders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREW WHEN IN USE, SECURE WHEN NOT IN USE
1.2 Access gangways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW WHEN IN USE, SECURE WHEN NOT IN USE, ICHN IDENTIFICATION SYSTEM IN PLACE
1.3 Access ramps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
1.4 Access doors, side scuttles, windows and ports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIMIT ACCESS DOORS TO WALKER AND GUARD BY CREW, IS THE ALL WINDOWS AND PORTS IN PORT
1.5 Moving papers and another charts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SEA GUARD ON MOVING PAPER, CLOSE MASTER PIPE
1.6 Cranes and hoisting gear	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE
1.7 Access to ships side (fireboard)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PATROL ON DECK
1.8 Equipment and baggage brought onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	INSPECTION
1.9 Unaccompanied baggage found onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REPORT TO AT CREW
1.10 Add to the security plan relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
2. RESTRICTED AREAS ON THE SHIP					
2.1 Navigation bridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.2 Navigational areas (radio, radar, GPS, etc)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.3 Machinery spaces, power supplies, steering rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.4 Control rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.5 Galley/kitchen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.6 Ventilation and air conditioning system	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.7 Spaces with access to potable water tanks, pumps or manifolds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, OPERATION SWITCH LOCK, SECURE MANIFOLD BY CHAIN
2.8 Ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURE BALLAST TANK
2.9 Rudders and propeller	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK (HYDRAU HOSES, SOURCE AND PUMPS BARRIER OFF)
2.10 Add to the security plan relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. CARGO HANDLING					

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Page 7/ 2nd Stage (2/3)

- Criticality is to be classified in “High” or “Low”

Sample of Sample Ship Security Assessment

Rev 1 July 2015

2nd stage: **Identification & evaluation of key shipboard operations that it is important to protect**

Operations with related systems, areas and personnel	Criticality		Are security measures in place?		Existing measures, procedures, operations, watches, instructions
	Low	High	Yes	No	
1. ACCESS CONTROL – Personnel, passengers, visitors, etc.					
1.1 Access ladders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREW WHEN IN USE, SECURE WHEN NOT IN USE
1.2 Access gangways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW WHEN IN USE, SECURE WHEN NOT IN USE, IDENTIFICATION SYSTEM IN PLACE
1.3 Access ramps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
1.4 Access doors, side scuttles, windows and ports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIMIT ACCESS DOORS TO SINGLE AND GUARD BY CREW, CLOSE ALL WINDOWS AND PORTS IN PORT
1.5 Mooring ropes and anchor chains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RAT GUARDS ON MOORING ROPE, CLOSE HAISE PIPE
1.6 Chutes and lifting gear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE
1.7 Access by ship's side (subdeck)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PATROL ON DECK
1.8 Equipment and baggage brought onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	100% INSPECTION
1.9 Unaccompanied baggage found onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REFUSAL TO ACCEPT
• Add items you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
2. RESTRICTED AREAS ON THE SHIP					
2.1 Navigation bridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.2 Navigational rooms (radar, GPS, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.3 Machinery spaces, power supplies, steering rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.4 Control rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.5 Galley/kitchen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.6 Ventilators and air conditioning system	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.7 Spaces with access to potable water tanks, pumps or manifolds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, OPERATION STATION LOCK, SECURED MANIFOLD BY CHAIN
2.8 Hull ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURED BALLAST TANK
2.9 Bulkers and peepholes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK (STEERING ROOM), SOURCE AND PUMPS BREAKER OFF
• Add items you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. CARGO HANDLING					

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Page 7/ 2nd Stage (3/3)

- The existence of security measures for each items is to be checked
 - Tick “Yes” or “No”, and state an outline in the right column
 - If “No”, state the possible measures to be considered in the right column
 - If the security measures are considered as insufficient even in “Yes” case, state the further measures in the right column

2nd stage: **Identification & evaluation of key shipboard operations that require security protection**

Operations with related systems, crew and personnel	Operability			Are security measures in place?	Existing measures, procedures, operations, walkouts, lockouts
	Low	High	Critical		
I. ACCESS CONTROL – Personnel, passengers, visitors, etc.					
1.1 Access lockers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURITY MEASURES BY CREW/WARDS TO PROTECT WARD ROOMS DO NOT ENTER WARD GALLEY BY CREW/WARDS IN USE. CREW WARD ROOM KEYS ONLY ON THE LOCKER/KEYS IN THE LOCKER PLACE
1.2 Access gangways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None
1.3 Access ramps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None
1.4 Access doors, side scuttles, windows and ports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LEGALLY ACCESSIBLE DOORS TO DECK AND CUBBY BY CREW/WARDS FOR ALL VISITORS AND PORTS IN PORT
1.5 Moving ramps and anchor chains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	KEYS KEYS FOR MOVING RAMP, CUBBY GALLEY RAMP
1.6 Drains and heating gear	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CONTROL BY CREW/WARDS BY USE, SECURITY WARD ROOM KEYS IN USE
1.7 Access to life rafts (lifelines)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURITY MEASURES
1.8 Equipment and baggage brought onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURITY MEASURES
1.9 Unaccompanied baggage (hand luggage)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURITY MEASURES
1.10 Add items, procedures, operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None
II. RESTRICTED AREAS ON THE SHIP					
2.1 Navigation bridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.2 Navigational rooms (radar, radar (GPS) etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.3 Multifunction spaces, power supplies, meeting rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.4 Control rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.5 Outfit rooms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.6 Maintenance and air conditioning systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK
2.7 Spaces with access to portable water tanks, pumps or manifolds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, OPERATIONS/LOCKOUT LOCK, SECURITY MEASURES BY CREW
2.8 Ball ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURITY MEASURES
2.9 Boiler and propulsion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, SECURITY, LOCK, OTHER SECURITY MEASURES
2.10 Add items, procedures, operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None
III. CARGO HANDLING					

Page 9/ 3rd Stage (1/5)

- List up the possible cases of threat scenarios recommended by B/8.9

Sample of Report for Ship Security Assessment
Rev. 1 (Aug 2003)

3rd stage and 5th stage
3rd stage & 5th stage: Identification of possible threat scenarios to key shipboard operations and assess the likelihood of these occurrences¹

Possible threat scenarios ²	Relevant ³		Possible Consequence ⁴			Likelihood ⁵		3 rd stage ⁶		5 th stage ⁷
	Yes ⁸	No ⁹	Minor ¹⁰ 1 ¹¹	Might ¹² 2 ¹¹	Extreme ¹³ 3 ¹¹	Unlikely ¹⁴ 1 ¹⁵	Likely ¹⁶ 2 ¹⁵	Vulnerability score ¹⁷	Minimize/ Mitigation ¹⁸	New vulnerability score ¹⁹
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)²⁰										
1.1 ²¹ Conceal explosives onboard, initiate with timer or remote device ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 ²³	1*/2*/3*/4*/5*/6*	3 ²⁴
1.2 ²¹ Bring explosives onboard, suicidal/high risk action ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 ²³	1*/2*/3*/4*/5*/6*	3 ²⁴
1.3 ²¹ Place explosives in cargo, initiate with timer or remote device ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 ²³	1*/2*/3*/4*/5*/6*	NOA ²⁵
1.4 ²¹ Attach explosives to hull, initiate with timer or remote device ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 ²³	1*/2*/3*/4*/5*/6*	3 ²⁴
1.5 ²¹ Open bow, side or stern ports, cargo hatch to sink or capsize ²²	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 ²³	1*/2*/3*/4*/5*/6*	0 ²⁴
2. Tampering with cargo, essential ship equipment or systems or ship's stores²⁶										
2.1 ²¹ Contaminate drinking water, food or air-conditioning ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 ²³	1*/2*/3*/4*/5*/6*	2 ²⁴
2.2 ²¹ Contaminate cargo ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 ²³	1*/2*/3*/4*/5*/6*	NOA ²⁵
3. Unauthorized access or use including presence of stowaway²⁷										
3.1 ²¹ Stowaways (including onboard, access/loss to cargo/service or storage spaces (including containers) ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 ²³	1*/2*/3*/4*/5*/6*	2 ²⁴
3.2 ²¹ Boarding ship at port or during voyage as "passenger" or "crew" ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 ²³	1*/2*/3*/4*/5*/6*	2 ²⁴
3.3 ²¹ Boarding ship at port or during voyage as "pilot", "supplier", "stowaway", "joke stowaway" ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 ²³	1*/2*/3*/4*/5*/6*	3 ²⁴
4. Smuggling weapon or equipment, including weapons of mass destruction²⁸										
4.1 ²¹ Conceal weapons/equipment in cargo/service or storage spaces (including containers) ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 ²³	1*/2*/3*/4*/5*/6*	3 ²⁴

¹Note: Possible consequence x Likelihood = Vulnerability score
²Note: After weighting the effectiveness of mitigation for mitigation at the On-scene
³Yes/No
⁴Minor/Might/Extreme
⁵Unlikely/Likely
⁶Vulnerability score
⁷Minimize/Mitigation
⁸Yes/No
⁹Yes/No
¹⁰Minor/Might/Extreme
¹¹1/2/3
¹²1/2
¹³1/2/3
¹⁴Unlikely/Likely
¹⁵1/2
¹⁶1/2/3
¹⁷Vulnerability score
¹⁸Minimize/Mitigation
¹⁹New vulnerability score
²⁰Note: A measure must be established for the cases where vulnerability score is 4 and above (*) to be deleted as appropriate
²¹1. Access Control 2. Restricted Area 3. Cargo Handling
²²4. Ship's store Delivery 5. Decompressed Baggage Handling 6. Security Monitoring
²³1. Access Control 2. Restricted Area 3. Cargo Handling
²⁴4. Ship's store Delivery 5. Decompressed Baggage Handling 6. Security Monitoring
²⁵NOA
²⁶Note: A measure must be established for the cases where vulnerability score is 4 and above (*) to be deleted as appropriate
²⁷1. Access Control 2. Restricted Area 3. Cargo Handling
²⁸4. Ship's store Delivery 5. Decompressed Baggage Handling 6. Security Monitoring

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Page 9/ 3rd Stage (2/5)

- If the scenarios is considered as not relevant to the ship, “No” may be ticked
- In case of “No”, the right columns should be blank

Sample of Report for Ship Security Assessment

Rev. 1 (Aug 2003)

3rd stage and 5th stage
3rd stage & 5th stage: Identification of possible threat scenario to key shipboard operations and assess the likelihood of those occurrences

Possible threat scenarios		Relevant		Possible Consequence			Likelihood		3 rd stage		5 th stage
		Yes	No	Moderate 1	High 2	Extreme 3	Unlikely 1	Likely 2	Vulnerability score	Measure for Mitigation	New vulnerability score
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)											
1.1	Conceal explosives onboard, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3
1.2	Bring explosives onboard, suicidal/high risk action	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3
1.3	Place explosives in cargo, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	5	1 st 4, 2 nd 5, 3 rd 4	N/A
1.4	Attach explosives to hull, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3
1.5	Open bow, side or stern ports, cargo hatch to sink or capsize	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input type="checkbox"/>	-	2 nd 4, 3 rd 5, 4 th 4	-
2. Tampering with cargo, essential ship equipment or systems or ship's stores											
2.1	Contaminate drinking water, food or air-conditioning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st 4, 2 nd 5, 3 rd 4	2
2.2	Contaminate cargo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	2	2 nd 4, 3 rd 5, 4 th 4	N/A
3. Unauthorized access or use including presence of stowaways											
3.1	Stowaways breaking onboard, concealment in cargo/service or storage spaces (including accessways)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st 4, 2 nd 5, 3 rd 4	2
3.2	Boarding ship at port or during voyage as "passenger" or "crew"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st 4, 2 nd 5, 3 rd 4	2
3.3	Boarding ship at port or during voyage as "pilot", "supplier", "survivor", false castaway	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3
4. Stowaway weapon or equipment, including weapons of mass destruction											
4.1	Conceal weapons/equipment in cargo/service or storage spaces (including accessways)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3

Note: Possible consequences = Likelihood + Vulnerability Score

Note: After weighing the effectiveness of the measures for mitigation at the On-scene

Note: A measure must be established for the cases where vulnerability score is 4 and above (to be deleted as appropriate)*

1. Access Control 2. Restricted Area 3. Cargo Handling
 4. Ship's Store Delivery 5. Decomposed Baggage Handling 6. Security Monitoring

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Page 9/ 3rd Stage (3/5)

- Consider the possible consequence if such cases occur
- Possible consequence may be judged by the assessor, since it has no scale.

Sample of Report for Ship Security Assessment

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3rd stage and 5th stage
3rd stage & 5th stage: Identification of possible threat scenarios to key ships and operations and assess the likelihood of those occurrences

Possible threat scenarios		Relevant		Possible Consequence			Likelihood		3 rd stage		5 th stage
		Yes	No	Medium 3	High 2	Low 1	Delivery 1	Supply 2	Vulnerability score	Measures for Mitigation	New vulnerability score
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)											
1.1	Conceal explosives onboard, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st /2 nd /3 rd 4 th /5 th /6 th	3
1.2	Bring explosives onboard, suicidal/high risk action	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st /2 nd /3 rd 4 th /5 th /6 th	3
1.3	Place explosives in cargo, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	5	1 st /2 nd /3 rd 4 th /5 th /6 th	N/A
1.4	Attach explosives to hull, initiate with timer or remote device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st /2 nd /3 rd 4 th /5 th /6 th	3
1.5	Open bow, side or stern ports, cargo hatch to sink or capsize	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input type="checkbox"/>	-	1 st /2 nd /3 rd 4 th /5 th /6 th	-
2. Tampering with cargo, essential ship equipment or systems or ship's stores											
2.1	Contaminate drinking water, food or air-conditioning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st /2 nd /3 rd 4 th /5 th /6 th	2
2.2	Contaminate cargo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	2	1 st /2 nd /3 rd 4 th /5 th /6 th	N/A
3. Unauthorized access or use including presence of stowaways											
3.1	Stowaways breaking onboard, concealment in cargo/service or storage spaces (including accessways)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st /2 nd /3 rd 4 th /5 th /6 th	2
3.2	Boarding ship at port or during voyage as "passenger" or "crew"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	4	1 st /2 nd /3 rd 4 th /5 th /6 th	2
3.3	Boarding ship at port or during voyage as "pilot", "supplier", "survivor", false castaway	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st /2 nd /3 rd 4 th /5 th /6 th	3
4. Stowaway weapon or equipment, including weapons of mass destruction											
4.1	Conceal weapons/equipment in cargo/service or storage spaces (including containers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	2 nd <input checked="" type="checkbox"/>	6	1 st /2 nd /3 rd 4 th /5 th /6 th	3

Note: Possible consequences x Likelihood = Vulnerability Score

Note: A measure may be established for the cases where vulnerability score is 4 and above (to be deleted as appropriate)*

Note: after weighing the effectiveness of the measures for mitigation at the On-board

1. Access Control 2. Restricted Area 3. Cargo Handling
 4. Ship's Store Delivery 5. Decomposed Baggage Handling 6. Security Monitoring

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Page 9/ 3rd Stage (4/5)

- “Likelihood” may be judged by the assessor
- Where the scenario is the one which occurred in the past, or the one considered as well known, “Likely” should be ticked

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3rd stage and 5th stage
3rd stage & 5th stage: Identification of possible threat scenarios to key shipboard operations and assess the likelihood of those occurrences¹⁾

Possible threat scenarios ²⁾		Relevant ³⁾		Possible Consequences ⁴⁾			Likelihood ⁵⁾		3 rd stage ⁶⁾		5 th stage ⁶⁾
		Yes ⁷⁾	No ⁸⁾	Moderate ⁹⁾ 3 rd	High ⁹⁾ 3 rd	Extreme ⁹⁾ 3 rd	Unlikely ¹⁰⁾ 2 nd	Likely ¹⁰⁾ 2 nd	Vulnerability score ¹¹⁾	Measures for Mitigation ¹²⁾	New vulnerability score ¹³⁾
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)¹⁴⁾											
1.1 ¹⁵⁾	Conceal explosives onboard, initiate with timer or remote device ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	6 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	3 rd
1.2 ¹⁵⁾	Bring explosives onboard, suicidal/high risk action ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	6 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	3 rd
1.3 ¹⁵⁾	Place explosives in cargo, initiate with timer or remote device ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	5 ¹⁷⁾	2 nd /3 rd 4,5/3,5 4 th /5 th 4,5/3,5	N/A ¹⁸⁾
1.4 ¹⁵⁾	Attach explosives to hull, initiate with timer or remote device ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	6 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	3 rd
1.5 ¹⁵⁾	Open bow, side or stern ports, cargo hatch to sink or capsize ¹⁶⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/>	1 ⁷⁾	2 nd /3 rd 4,5/3,5 4 th /5 th 4,5/3,5	1 ⁷⁾
2. Tampering with cargo, essential ship equipment or systems or ship's store¹⁹⁾											
2.1 ¹⁵⁾	Contaminate drinking water, food or air-conditioning ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	4 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	2 nd
2.2 ¹⁵⁾	Contaminate cargo ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	2 ¹⁷⁾	2 nd /3 rd 4,5/3,5 4 th /5 th 4,5/3,5	N/A ¹⁸⁾
3. Unauthorized access or use including presence of stowaways²¹⁾											
3.1 ¹⁵⁾	Stowaways breaking onboard, concealment in cargo/service or storage spaces (including crewmembers) ²²⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	4 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	2 nd
3.2 ¹⁵⁾	Boarding ship at port or during voyage as "passenger" or "crew" ²³⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	4 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	2 nd
3.3 ¹⁵⁾	Boarding ship at port or during voyage as "pilot", "supplier", "survivor", false castaway ²³⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	6 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	3 rd
4. Stowaway weapon or equipment, including weapons of mass destruction²⁴⁾											
4.1 ¹⁵⁾	Conceal weapons/equipment in cargo/service or storage spaces (including containers) ²⁵⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input checked="" type="checkbox"/>	6 ¹⁷⁾	1 st /2 nd 4,5/3,5 4 th /5 th 4,5/3,5	3 rd

¹⁾Note: Possible consequences x Likelihood = Vulnerability Score
²⁾Note: after weighing the effectiveness of the measures for mitigation at the On-scene
³⁾Yes/No
⁴⁾Moderate/High/Extreme
⁵⁾Unlikely/Likely
⁶⁾3rd stage/5th stage
⁷⁾Yes/No
⁸⁾Yes/No
⁹⁾Moderate/High/Extreme
¹⁰⁾Unlikely/Likely
¹¹⁾Vulnerability score
¹²⁾Measures for Mitigation
¹³⁾New vulnerability score
¹⁴⁾Bombing, arson, sabotage, vandalism
¹⁵⁾1.1, 1.2, 1.3, 1.4, 1.5
¹⁶⁾Initiate with timer or remote device
¹⁷⁾6, 5, 4, 3, 2, 1
¹⁸⁾N/A
¹⁹⁾Tampering with cargo, essential ship equipment or systems or ship's store
²⁰⁾Contaminate drinking water, food or air-conditioning
²¹⁾Unauthorized access or use including presence of stowaways
²²⁾Stowaways breaking onboard, concealment in cargo/service or storage spaces (including crewmembers)
²³⁾Boarding ship at port or during voyage as "passenger" or "crew"
²⁴⁾Stowaway weapon or equipment, including weapons of mass destruction
²⁵⁾Conceal weapons/equipment in cargo/service or storage spaces (including containers)

1. Access Control 2. Access Procedures 3. Cargo Handling
4. Ship's Store Delivery 5. Unaccompanied Baggage Handling 6. Security Monitoring

Page 9/10

ClassNK

Page 9/ 3rd Stage (5/5-1)

- Multiply the figure of “Possible Consequence” by the one of “Likelihood”
- such “Vulnerability Score” is to be considered as an index for taking countermeasures.

Sample of Scenario Risk Group Assessment

Rev. 1 (July 2003)

3rd stage & 3rd stage: Identification of possible threat scenario to key shipboard operations and assess the likelihood of those occurring¹⁾

Possible threat scenario ²⁾	Advised ³⁾		Priority Categories ⁴⁾			Disposal ⁵⁾		3 rd stage ⁶⁾		3 rd stage ⁷⁾
	Yes	No	Major ¹⁾	High ²⁾	Low ³⁾	Unlikely ¹⁾	Likely ²⁾	Vulnerability score ⁸⁾	Maximum acceptable ⁹⁾	Site vulnerability score ¹⁰⁾
1. Damage to, or destruction of, the ship (including arson, sabotage, vandalism)¹¹⁾										
1.1 - Conceal explosives onboard, initiate with timer or remote device ¹²⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6-	24000000 44000000	3-
1.2 - Bring explosives onboard, initiate high risk action ¹²⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6-	24000000 44000000	3-
1.3 - Place explosives on cargo, initiate with timer or remote device ¹²⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3-	24000000 44000000	High
1.4 - Attach explosives to hull, initiate with timer or remote device ¹²⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6-	24000000 44000000	3-
1.5 - Open fire, rifle or other ports, cargo hatch to rifle or support ¹²⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	24000000 44000000	0
2. Tampering with cargo, essential ship equipment or systems or ship's stores¹³⁾										
2.1 - Contaminate drinking water, food or air-conditioning ¹⁴⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24000000 44000000	3-
2.2 - Contaminate cargo ¹⁴⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3-	24000000 44000000	High
3. Unauthorized access or use including presence of stowaways¹⁵⁾										
3.1 - Stowaways on deck onboard, non-essential in cargo/service or storage spaces (including containers) ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24000000 44000000	3-
3.2 - Boarding ship at port or during voyage as "passenger" or "crew" ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24000000 44000000	3-
3.3 - Boarding ship at port or during voyage as "pilot", "supplier", "stranger", "like passengers" ¹⁶⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6-	24000000 44000000	3-
4. Smuggling weapons or equipment, including weapons of mass destruction¹⁷⁾										
4.1 - Conceal weapons/equipment in cargo/service or storage spaces (including containers) ¹⁸⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6-	24000000 44000000	3-

1) Yes - Immediate attention; 2) High risk; 3) Low risk; 4) Major; 5) High; 6) Low; 7) Yes; 8) Vulnerability score; 9) Maximum acceptable; 10) Site vulnerability score; 11) Damage to, or destruction of, the ship (including arson, sabotage, vandalism); 12) Initiate with timer or remote device; 13) Tampering with cargo, essential ship equipment or systems or ship's stores; 14) Contaminate drinking water, food or air-conditioning; 15) Unauthorized access or use including presence of stowaways; 16) Boarding ship at port or during voyage as "passenger" or "crew"; 17) Smuggling weapons or equipment, including weapons of mass destruction; 18) Conceal weapons/equipment in cargo/service or storage spaces (including containers).

ClassNK

Page 9/ 3rd Stage (5/5-2)

• Measure must be established for the cases where the vulnerability score is 4 and above

Sample of Scenario Risk Group Assessment

Rev 1 (June 2003)

3rd stage & 3rd stage: Identification of possible threat scenario to key shipboard operations and assess the likelihood of those occurring¹

Possible threat scenario ²	Advised ³		Priority Categories ⁴			Disrupt ⁵		3 rd stage ⁶		3 rd stage ⁷
	Yes	No	Medium ¹	High ²	Extreme ³	Unlikely ¹	Likely ²	Vulnerability score ⁸	Measure/Steps ⁹	Risk ¹⁰
1. Damage to, or destruction of, the ship (including arson, sabotage, vandalism)¹¹										
1.1 - Conceal explosives onboard, initiate with timer or remote device ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0-	24024000; 44024000	2-
1.2 - Bring explosives onboard, accidentally initiate ¹³	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0-	24024000; 44024000	2-
1.3 - Place explosives in cargo, initiate with timer or remote device ¹⁴	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3-	24024000; 44024000	Risk ¹⁵
1.4 - Attach explosives to hull, initiate with timer or remote device ¹⁶	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0-	24024000; 44024000	3-
1.5 - Open fire, rifle or mortar ports, cargo hatch to rifle or mortar ¹⁷	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	24024000; 44024000	0
2. Tampering with cargo, essential ship equipment or systems or ship's stores¹⁸										
2.1 - Contaminate drinking water, food or air-conditioning ¹⁹	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24024000; 44024000	2-
2.2 - Contaminate cargo ²⁰	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3-	24024000; 44024000	Risk ¹⁵
3. Unauthorized access or use including presence of stowaways²¹										
3.1 - Stowaways including onboard, non-essential in cargo/aircraft or storage spaces (including containers) ²²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24024000; 44024000	2-
3.2 - Boarding ship at port or during voyage as "passenger" or "crew" ²³	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4-	24024000; 44024000	2-
3.3 - Boarding ship at port or during voyage as "pirate", "supplier", "intruder", "silo raider" ²⁴	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0-	24024000; 44024000	3-
4. Smuggling weapons or equipment, including weapons of mass destruction²⁵										
4.1 - Conceal weapons/equipment in cargo/aircraft or storage spaces (including containers) ²⁶	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0-	24024000; 44024000	3-

11. Includes hijacking, piracy, terrorism, sabotage, vandalism, arson, etc.
12. Includes hidden explosives, etc.
13. Includes hidden explosives, etc.
14. Includes hidden explosives, etc.
15. Includes hidden explosives, etc.
16. Includes hidden explosives, etc.
17. Includes hidden explosives, etc.
18. Includes tampering with cargo, essential ship equipment or systems or ship's stores.
19. Includes tampering with drinking water, food or air-conditioning.
20. Includes tampering with cargo.
21. Includes unauthorized access or use including presence of stowaways.
22. Includes stowaways including onboard, non-essential in cargo/aircraft or storage spaces (including containers).
23. Includes boarding ship at port or during voyage as "passenger" or "crew".
24. Includes boarding ship at port or during voyage as "pirate", "supplier", "intruder", "silo raider".
25. Includes smuggling weapons or equipment, including weapons of mass destruction.
26. Includes concealing weapons/equipment in cargo/aircraft or storage spaces (including containers).

ClassNK

Page 11/ 4th Stage (1/3)

- Conduct On-scene Security Survey and establish the security measures.
- List up the items for levels 1 to 3 as to comply with ISPS Code B/9.8 .

4th stage: On-scene Security Survey

Checklist for Initial On-scene Security Survey	YES	NO	Observation (including possible recommendations)	Comments/measure to be taken
I. ACCESS TO THE SHIP				
1.1- Does the SSP contain security measures covering the access to the ship?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-
1.2- Are access ladders identified and restricted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREW WHEN IN USE, SECURE WHEN NOT IN USE	-
1.3- Are access gangways identified and restricted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW WHEN IN USE, SECURE WHEN NOT IN USE, IDENTIFICATION SYSTEM IN PLACE	-
1.4- Are access ramps identified and restricted?	<input type="checkbox"/>	<input type="checkbox"/>	N/A	-
1.5- Are access doors, side scuttles, windows, hatches and ports identified and restricted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LIGHT ACCESS DOORS TO HATCH AND GUARD BY CREW, CLOSE ALL WINDOWS AND PORTS IN PORT	-
1.6- Are mooring ropes and anchor chains identified and restricted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RAT GUARD ON MOORING ROPES, CLOSE HAUL PIPE	-
1.7- Are cranes and hoisting gear identified and restricted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE	-
1.8- Are other access points identified in the SSP?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
1.9- Are identity documents of all persons sitting at board the ship checked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.10- Are three procedures and records available for how to check IDs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.11- Are the reasons for the people boarding the ship confirmed by checking joining instructions, passenger tickets, boarding passes, work orders etc?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.12- Are the personal effects of passengers controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE 100% INSPECTION	-
1.13- Is the restriction of crew controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE @ 100% INSPECTION	-

ClassNK

Page 11/ 4th Stage (2/3)

- Any “Observation” is to be stated
- Assessor is to consider whether the ship can perform the requirements for A/7.1 as well as A/7.2 to A/7.4 using the existing measures

4th stage: On-scene Security Survey

Checklist for Initial On-scene Security Survey

	YES	NO	Observation (including possible vulnerabilities)	Countermeasures to be taken
1. ACCESS TO THE SHIP				
1.1- Does the SSP contain security measures covering the access to the ship? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-
1.2- Are access ladders identified and monitored? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREW WHEN IN USE, SECURE WHEN NOT IN USE -	-
1.3- Are access gangways identified and monitored? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW WHEN IN USE, SECURE WHEN NOT IN USE, IDENTIFICATION SYSTEM IN PLACE -	-
1.4- Are access ramps identified and monitored? -	<input type="checkbox"/>	<input type="checkbox"/>	NA -	-
1.5- Are access doors, side scuttles, windows, hatches and ports identified and monitored? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LOCKY ACCESS DOORS TO SINGLE AND GUARD BY CREW, CLOSE ALL WINDOWS AND PORTS IN PORT -	-
1.6- Are mooring ropes and anchor chains identified and monitored? -	<input type="checkbox"/>	<input type="checkbox"/>	RAT GUARDS ON MOORING ROPE, CLOSE HAUSE FIB -	-
1.7- Are cranes and hoisting gear identified and monitored? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE -	-
1.8- Are other access points identified in the SSP? -	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
1.9- Are identity documents of all persons seeking to board the ship checked? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE -	-
1.10- Are there procedures and records available for how to check this? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE -	-
1.11- Are the means for the people boarding the ship explained by displaying joining instructions, passenger tickets, boarding passes, work orders etc? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE -	-
1.12- Are the personal effects of passengers controlled? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE 100% DISPECTION -	-
1.13- Is the embarkation of crew controlled? -	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE & 100% DISPECTION -	-

Page 11/ 4th Stage (3/3)

• Any weakness or vulnerability are identified, countermeasures for those should be considered and specified

Rev. 1 (Aug 2003)

4th stage: **On-scene Security Survey**

4th stage: **On-scene Security Survey**

Checklist for Initial On-scene Security Survey		YES	NO	Observation (including possible substantiating)	Countermeasures to be taken
1. ACCESS TO THE SHIP					
1.1	Does the SSP contain security measures covering the access to the ship?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-
1.2	Are access ladders identified and monitored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREW WHEN IN USE, SECURE WHEN NOT IN USE	-
1.3	Are access gangways identified and monitored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW WHEN IN USE, SECURE WHEN NOT IN USE, IDENTIFICATION SYSTEM IN PLACE	-
1.4	Are access ramps identified and monitored?	<input type="checkbox"/>	<input type="checkbox"/>	N/A	-
1.5	Are access doors, side scuttles, windows, hatches and ports identified and monitored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LOCK ACCESS DOORS TO DECK AND GUARD BY CREW, CLOSE ALL WINDOWS AND PORTS IN PORT	-
1.6	Are mooring ropes and anchor chains identified and monitored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RAT GUARDS ON MOORING ROPES, CLOSE HATCH PITS	-
1.7	Are cranes and hoisting gear identified and monitored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE	-
1.8	Are other access points identified in the SSP?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
1.9	Are identity documents of all persons seeking to board the ship checked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.10	Are there procedures and records available for how to check this?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.11	Are the reasons for the people boarding the ship confirmed by checking joining instructions, passenger tickets, boarding passes, work orders etc?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE	-
1.12	Are the personal effects of passengers controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE 100% INSPECTION	-
1.13	Is the embarkation of crew controlled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD GANGWAY BY CREW IDENTIFICATION SYSTEM IN PLACE & 100% INSPECTION	-

Page 11

ClassNK

Return to page 9/ 5th Stage

- Based on results of 3rd and 4th stages, re-consider “Likelihood” as for stage 5 for the items which Vulnerability score were identified as 4 and above at the 3rd stage
- Only when the likelihood is changed as “Unlikely” from “Likely”, new Vulnerability score is to be less than 4

and operations and assess the likelihood of those occurrences

Consequences		Likelihood		3 rd stage		5 th stage
High 2	Extreme 3	Unlikely 1	Likely 2	Vulnerability score	Measures for Mitigation	New vulnerability score
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	3 rd <input checked="" type="checkbox"/> 5 th <input type="checkbox"/>	6	1*12*13* 4*15*16*	3
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	3 rd <input checked="" type="checkbox"/> 5 th <input type="checkbox"/>	6	1*12*13* 4*15*16*	3
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input checked="" type="checkbox"/> 5 th <input type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input type="checkbox"/>	3	1*12*13* 4*15*16*	N/A
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	3 rd <input checked="" type="checkbox"/> 5 th <input type="checkbox"/>	6	1*12*13* 4*15*16*	3
<input type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input type="checkbox"/>		1*12*13* 4*15*16*	

Thank you for your attention

ClassNK