



船舶保安評価の報告書

報告書記載要領

2003年12月

ClassNK

報告書作成の目的

- 5段階評価終了後に、船舶保安評価の方法、具体的な脆弱性及びそれに対する対応策を、第三者に説明することを目的とする

Sample of Report for Ship Security Assessment

Ship's particulars :-

Ship's name :-		Ship's type :-	
Flag :-		Writing language :-	
Port of registry :-		Over nationality :-	
Official number :-		Regular service area, if any :-	
Gross tonnage :-		Regular ports of call, if any :-	
IMO number :-	IMO :-	Class :-	
Over 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 CSC, :-

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

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1頁 準備

- ① 本船の要目等
- ② 外注したSSAを、CSOが受け入れた日付
 - CSOが実施した場合、「Nil」

Sample of Report for Ship Security Assessment

Ship's particular

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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2頁 船舶保安評価の流れ

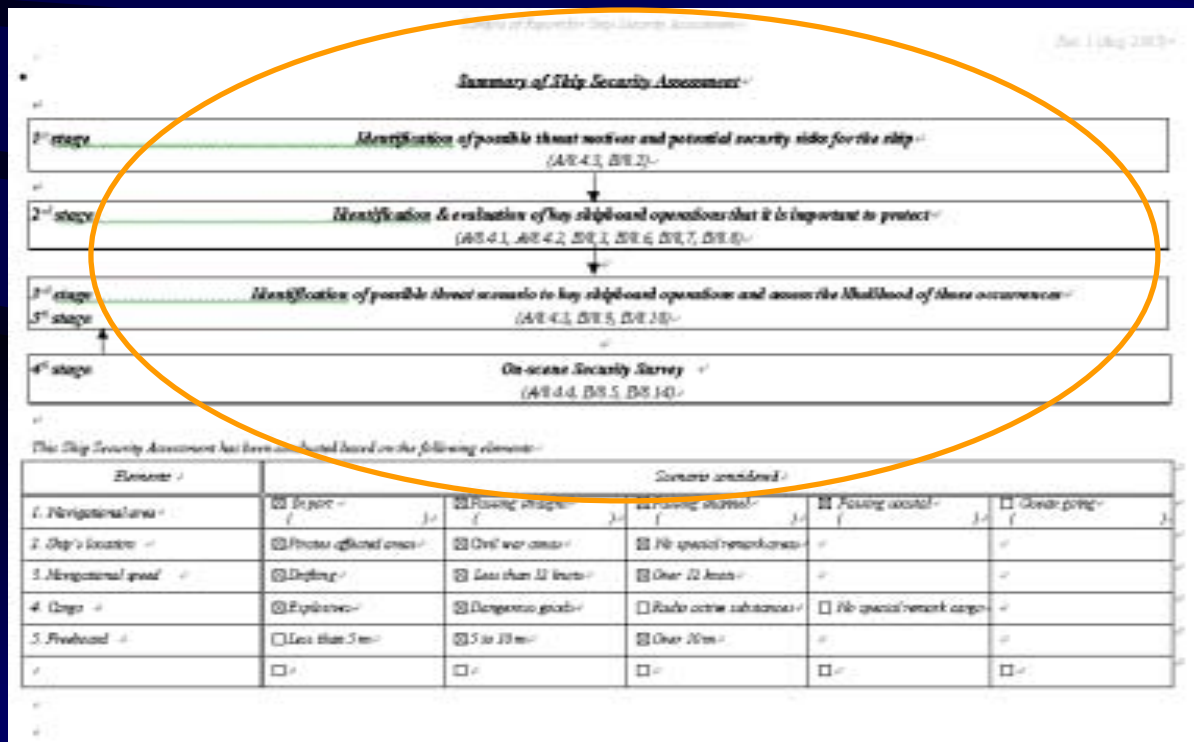
第1段階：脅威の誘因条件及びリスクの特定

第2段階：防御する船内業務の特定

第3段階：脅威シナリオの特定及びその評価

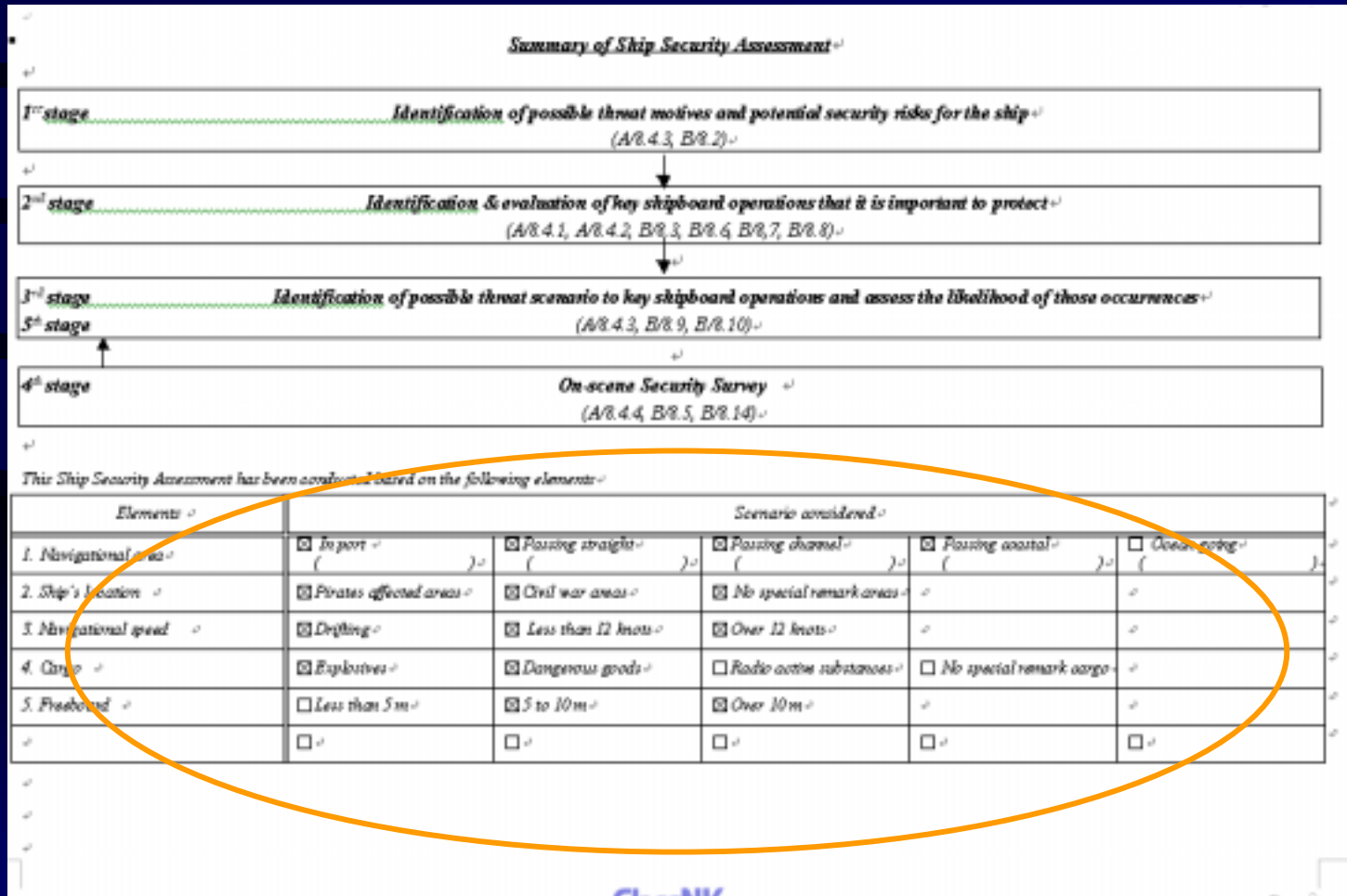
(第5段階： 第4段階の後, 再評価)

第4段階：現場保安検査



2頁 準備

就航区域，船速，積荷の種類，乾舷高さ等について，検討すべき事項を選択する



3頁 準備

必要な情報収集の記録

- ① 収集する(した)最低項目「Yes」にチェックマーク
- ② 「No」の場合は、理由、コメント等を記す

Sample of Report for Ship Security Assessment Rev. 1 (Aug. 2010)

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 CSOP?

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 title which may have an impact on the ownership 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 practice 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 these 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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4頁 準備

下記項目が検討されていれば、「Yes」

- ① 人物、行動、業務、運用 (B/8.8)
- ② 可能性のある脆弱性 (B/8.10)
- ③ 要員に対する特別な配慮 (B/8.11)

Sample of Report for Ship Security Assessment Rev. 1 (Aug. 2010)

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

Yes	No	Does 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. conflicts between safety and security measures
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. conflicts between shipboard duties and security duties
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. watch-keeping duties, number of ship's personnel, etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. any identified security training deficiencies
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. any security equipment and systems, including access
Yes	No	Special consideration
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. particular consideration which is given to the convenience, 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

5頁 第1段階 (1/3)

脅威の誘因条件及びリスクの特定(その1)

- 政治的, 象徴的, 経済的損害, 社会等への損害, 人々への恐怖等に分類し、幅広く考えつく事件を検討するためにリストアップしてみる
- 事件を検討すれば、具体的対策案が浮び上ってくる

1st stage
1st stage: Identification of possible threat motives and potential security risks for the ship¹⁾

Ann. 1 (Aug 2002)²⁾

Security risks ¹⁾	Example ¹⁾	Likelihood ²⁾			Comments ¹⁾
		Unlikely ³⁾	Possible ³⁾	Likely ³⁾	
1. Political motives¹⁾					
1.1 ¹⁾ Does transit political (racial, religious, ideological, nationalistic) motives related to your ship (flag, owner, crew) or made (cargo, passenger, trade area or port)? ¹⁾	Cargo (e.g., uranium, plutonium, nuclear cargo) and trade area (e.g., Middle East, US) ¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CARGO CRUISE OIL ¹⁾ TRADE AREA: PERSIAN GULF ¹⁾
1.2 ¹⁾ Does your ship trade in areas with unstable political situation? ¹⁾	Countries with economic sanctions, civil war, riots (West Africa, Middle East) ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MIDDLE EAST ¹⁾
1.3 ¹⁾ Add other relevant questions: ¹⁾	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA ¹⁾
2. Symbolic motives¹⁾					
2.1 ¹⁾ Can your ship be used as a means to have symbolic demonstrations on the route? ¹⁾	Well known buildings, streets, bridges, etc. (Golden Gate, Sydney Opera, etc.) ¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AKASHI KAIKYO BRIDGE ¹⁾
2.2 ¹⁾ Does your ship visit a port where international events take place? ¹⁾	Exhibitions, sports, political, etc. (Olympic Games, FIFA, WTO meeting, etc.) ¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BIG EVENT AVAILABLE ALWAYS IN TOKYO ¹⁾
2.3 ¹⁾ Can your ship be used as means to have responses environmental issues? ¹⁾	Areas for nuclear, chemical, biological contamination (oil spilling, beaches, coastal cities, etc.) ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OIL POLLUTION TO SINGAPORE, TOKYO ¹⁾
2.4 ¹⁾ Does your ship (re)present or carry a symbolic value? ¹⁾	Ship carries special cargo (e.g. weapons), support operations (oil to war actions, equipment to military projects), represent attitudes at debate (crisis, natural resources, etc.) ¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	—
2.5 ¹⁾ Does the visibility or the profile of your ship, company or brand represent a motive for unlawful acts? ¹⁾	Because of your policy (exploitation of labour, political attitudes), the operations you are involved (natural resources, weapons, etc.) ¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	—
2.6 ¹⁾ Add other relevant questions: ¹⁾	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA ¹⁾
3. Economical damages¹⁾					
3.1 ¹⁾ Does your ship carry special cargo? ¹⁾	Flammable, equipment for mass destruction, etc. ¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRUISE OIL TO DAMAGE ENVIRONMENT ¹⁾
3.2 ¹⁾ Is it likely that terror related smuggling take place from ports your ship visiting? ¹⁾	Smuggling of people/goods from Africa to Europe (Mediterranean) ¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	—
3.3 ¹⁾ Is it likely that your crew can take part in or witness terror related smuggling? ¹⁾	Ethical motives and common sense ¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	—
3.4 ¹⁾ Is your ship trading in an area known for piracy? ¹⁾	See Annual Piracy Report (USC) ¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MALACCA STRAIT ¹⁾

5頁 第1段階 (2/3)

脅威の誘因条件及びリスクの特定(その2)

- 起こらないであろうと考える場合「Unlikely」
- 起こるかもしれないと考える場合に「Probable」
- 起こりうると考える場合に「Likely」をチェックする

Page 1 (Aug 2002)

1st stage
1st stage: Identification of possible threat motives and potential security risks for the ship¹

Security risks ¹	Example ¹	Likelihood ¹			Comments ¹
		Unlikely ¹	Probable ¹	Likely ¹	
1. Political motives¹					
1.1 ¹ Does it exist political (and religious, ideological, national, nationalistic) motives related to your ship (flag, owner, crew) or trade (cargo, passengers, trade area or port)? ¹	Cargo (e.g. weapons parts, Norwegian whale, nuclear cargo) and trade weapons (Middle East, US) ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CARGO: CRUDE OIL; ¹ TRADE AREA: PERSIAN GULF; ¹
1.2 ¹ Does your ship trade in an area with unstable political situation? ¹	Countries with elections, demonstrations, civil war, riots (West Africa, Middle East) ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MIDDLE EAST ¹
1.3 ¹ Add other relevant questions: ¹		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A ¹
2. Symbolic motives¹					
2.1 ¹ Can your ship be used as a means to have symbolic constructions on the trade? ¹	Well known buildings, streets, bridges, etc. (Golden gate, Sydney opera, etc.) ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AKASHI KAIKYO BRIDGE ¹
2.2 ¹ Does your ship visit a port where international events take place? ¹	Exhibitions, sports, political, etc. (Olympic Games, FIFA, WTO meeting, etc.) ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BIG EVENT AVAILABLE ANYWAYS IN TOKYO ¹
2.3 ¹ Can your ship be used as means to have important environmental areas? ¹	Areas for marine environmental protection (fish farming, beaches, coastal cities, etc.) ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OIL POLLUTION TO SINGAPORE, TOKYO ¹
2.4 ¹ Does your ship transport or carry a symbolic value? ¹	Ship carries special cargo (e.g. weapons), support operations (oil to war actions, equipment to industry projects), represent attitudes at debate (crisis, natural resources, etc.) ¹	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.5 ¹ Does the visibility or the profile of your ship, company or brand represent a motive for unlawful acts? ¹	Because of your policy (exploitation of labour, political attitudes), the operations you are involved (natural resources, weapons, etc.) ¹	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.6 ¹ Add other relevant questions: ¹		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A ¹
3. Economical damages¹					
3.1 ¹ Does your ship carry special cargo? ¹	Flammable, equipment for mass destruction, etc. ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRUDE OIL TO DAMAGE ENVIRONMENT ¹
3.2 ¹ Is it likely that terror related smuggling take place from ports your ship is visiting? ¹	Smuggling of people/goods from Africa to Europe (Lampedusa) ¹	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 ¹ Is it likely that your crew can take part in or witness terror related smuggling? ¹	Ethical motives and common cause. ¹	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 ¹ Is your ship trading in an area known for piracy? ¹	See Annual Piracy Report (IUC) ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MALACCA STRAIT ¹

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5頁 第1段階 (3/3)

脅威の誘因条件及びリスクの特定(その3)

- 対策を検討するために必要と考えるコメントを記す
- また、どうして「Likely」などとしたかを記録しておく

3rd stage
1st stage: Identification of possible threat motives and potential security risks for the ship⁺

Security risks⁺ Example⁺ Likelihood⁺ Comments⁺

		Likelihood ⁺			Comments ⁺	
		Unlikely ⁺	Probable ⁺	Likely ⁺		
1. Political motives⁺						
1.1 ⁺	Does it exist political (real, religious, ideological, ethnic, nationalistic) motives related to your ship (flag, owner, crew) or trade (cargo, passengers, trade area or port)? ⁺	Cargo (e.g. weapon 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 volatile 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"/>	N/A ⁺
2. Symbolic motives⁺						
2.1 ⁺	Can your ship be used as a means to have symbolic associations on the route? ⁺	Well known buildings, statues, bridges, etc. (Golden Gate, Sydney opera, etc.) ⁺	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AKASHI NAIKYO BRIDGE ⁺
2.2 ⁺	Does your ship visit a port where international events take place? ⁺	Exhibitions, sports, political, etc. (Olympic Games, ENPC, WTO meeting, etc.) ⁺	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REG. EVENT AVAILABLE ALWAYS IN TOKYO ⁺
2.3 ⁺	Can your ship be used as means to have important environmental issues? ⁺	Areas for marine environmental exploration of oceans (oil spilling, beaches, coastal cities, 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 industry projects), represent attitudes or debate (nuclear resources, etc.) ⁺	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"
2.5 ⁺	Does the stability or the people of your ship, company or brand represent a motive for unlawful act? ⁺	Because of your policy (exploitation of labor, political attitudes), the operations you are involved (nuclear 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"/>	N/A ⁺
3. Economical damages⁺						
3.1 ⁺	Does your ship carry special cargo? ⁺	Plutonium, equipment for mass destruction, 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 Italy, (Italy/Greece) ⁺	<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 crewing issues ⁺	<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 (ICCP) ⁺	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MALACCA STRAIT ⁺

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7頁 第2段階 (1/3)

注: 第2段階を進める前に

- B/9.8で要求される保安対策案を作り上げておく
- B/9.8で要求される保安対策を、検討する詳細事項をリストの左欄に書き出す

Sample of Report for Ship Security Assessment

Rev. 1 (Aug 2003)

1st stage

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, weakness, 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, 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 ROPES, CLOSE HAUSE PIPE
1.6 Cranes and hoisting 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 (freshwater)	<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 stored onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REFUSAL TO ACCEPT
1. Add issues 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 means (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 Refrigeration and air conditioning units	<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 manifold	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, OPERATION SEAT/ON LOCK, SECURED MANIFOLD BY CHAIN
2.8 Ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURED BALLAST TANK
2.9 Rudder and propeller	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK (FILTERING ROOM), SOURCE AND PUMPS BREAKER OFF
2. Add issues you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
3. CARGO HANDLING					

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7頁 第2段階 (2/3)

各項目について、保安を強化できなかった場合の重要度を「High」と「Low」に分けて識別する

Sample of Report for Ship Security Assessment

Rev. 1 (Aug 2003)

1st stage

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, weaknesses, deficiencies
	Low	High	Yes	No	
1. ACCESS CONTROL – Personnel, passengers, visitors, etc.					
1.1 Access ladders	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GUARD LADDER BY CREWMEN 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
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 ROPES, CLOSE HAUSE PIPE
1.6 Cranes and hoisting 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 (foreboard)	<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 issues you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
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 (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 Refrigeration 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 manifold	<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 Ball ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURED BALLAST TANK
2.9 Rudder and propeller	<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 issues you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
3. CARGO HANDLING					

ClassNK

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7頁 第2段階 (3/3)

各項目について、現存の保安対策を確認する

- 「Yes」か「No」をチェックし、概略を右欄に記す
- 「No」の場合については、策定する事項を右欄に記す
- 「Yes」であっても、保安措置が不十分と考える事項があれば右欄に記す

Security Assessment - Key Security Assessment

Rev 1 (Aug 2012)

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

Existing measures, procedures, operations, watches, resources

Questions with island generic, overall and personnel	Criticality		Are security measures in place?		
	Low	High	Yes	No	
1. ACCESS CONTROL - Passages, passenger, 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, EXHAUSTION SYSTEM IN PLACE
1.3 Access ramps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
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 Moving ropes and anchor chains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RAIL GUARDS ON MOORING ROPES, CLOTH HAUSE PIPE
1.6 Decks and loading gear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GUARD BY CREW WHEN IN USE, SECURE WHEN NOT IN USE
1.7 Access to ship's side (fireward)	<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 type="checkbox"/>	<input type="checkbox"/>	DO NOT INSPECT
1.9 Unaccompanied baggage stored onboard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	REFUSAL TO ACCEPT
Add issues you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
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 units	<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 Office/entry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK
2.6 Ventilation and air conditioning systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, 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, MARKING, OPERATION STATION LOCK, SECURED HANDLES BY CHAIN
2.8 Ball, ballast tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SECURED BALLAST TANK
2.9 Rudder and propeller	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RESTRICTED AREA, MARKING, LOCK (STEERING MOTOR), SOURCE AND PUMPS BREAKER OFF
Add issues you find relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
3. CARGO HANDLING					

ClassNK

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9頁 第3段階 (1/5)

- B/8.9に基づく脅威シナリオの例を左欄に作成する

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 those occurrences**

Possible threat scenarios	Relevant		Possible Consequences			Likelihood		3 rd stage		5 th stage
	Yes	No	Medium 3	High 2	Extreme 1	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 /2 nd (25%) 4 th /5 th (75%)	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 (25%) 4 th /5 th (75%)	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	2 nd /3 rd (33%) 4 th /5 th (67%)	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 (25%) 4 th /5 th (75%)	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"/>	0	2 nd /3 rd (33%) 4 th /5 th (67%)	0
2. Interfering with cargo, essential ship equipment or systems or ship's store										
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 (25%) 4 th /5 th (75%)	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 /3 rd (33%) 4 th /5 th (67%)	N/A
3. Unauthorized access or use including presence of stowaways										
3.1 Stowaways breaking onboard, concealment in cargo/service or storage spaces (including access/egress)	<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 (25%) 4 th /5 th (75%)	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 (25%) 4 th /5 th (75%)	2
3.3 Boarding ship at port or during voyage as "pilot", "supplier", "seaman", "jailee" or "stowaway"	<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 (25%) 4 th /5 th (75%)	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 (25%) 4 th /5 th (75%)	3

Note: Possible consequences = Likelihood = Vulnerability score
Note: after weighing the consequences of the various scenarios, 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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9頁 第3段階 (2/5)

- 作り上げた左欄のシナリオに関連しないと判断した場合には、「No」をチェックする
- 「No」であれば、右欄は記入しなくてもよい

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 those occurrences

Possible threat scenarios		Relevant		Possible Consequence			Likelihood		3 rd stage		5 th stage
		Yes	No	Medium 3	High 2	Extreme 1	Unlikely 1	Likely 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input type="checkbox"/>	3	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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input type="checkbox"/>	1	1 st 2 nd 3 rd 4 th 5 th 6 th	1
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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 crewmembers)	<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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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", "jail 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input 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 type="checkbox"/> 1 st <input type="checkbox"/>	3 rd <input type="checkbox"/> 2 nd <input type="checkbox"/> 1 st <input type="checkbox"/>	6	1 st 2 nd 3 rd 4 th 5 th 6 th	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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9頁 第3段階 (3/5)

- 左欄の脅威(シナリオ)が起こった場合の結果についてその被害の度合いを考える
- Possible Consequenceは、スケールがなく評価者の判断でよい

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 which shipboard 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	Unlikely 1	Likely 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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3
1.5	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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input checked="" type="checkbox"/>	5	1 st 4, 2 nd 5, 3 rd 4	H/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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <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"/> 5 th <input type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input type="checkbox"/>	-	1 st 4, 2 nd 5, 3 rd 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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input checked="" type="checkbox"/>	2	1 st 4, 2 nd 5, 3 rd 4	H/A
3. Unauthorized access or use including presence of stowaways											
3.1	Stowaways sneaking onboard, concealment in cargo/service or storage spaces (including crewmembers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <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"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input checked="" type="checkbox"/>	4	1 st 4, 2 nd 5, 3 rd 4	2
3.5	Boarding ship at port or during voyage as "pilot", "supplier", "survivor", "jail castaway"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input 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 containers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/> 5 th <input checked="" type="checkbox"/>	2 nd <input type="checkbox"/> 3 rd <input checked="" type="checkbox"/>	6	1 st 4, 2 nd 5, 3 rd 4	3

Note: Possible consequences = Likelihood x Vulnerability Score

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

Note: A measure may be installed 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

ClassNK

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9頁 第3段階 (4/5)

- 「Likelihood」については、評価者の判断でよい
- 過去の事例があり広く知られているシナリオについては、「Likely」とすべき

Sample of Reportable 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 those occurrences¹⁾

Possible threat scenarios ²⁾	Relevant ³⁾		Possible Consequence ⁴⁾			Likelihood ⁵⁾		3 rd stage ⁶⁾		5 th stage ⁷⁾
	Yes ⁸⁾	No ⁹⁾	Moderate ¹⁰⁾ 3 ¹⁾	High ¹¹⁾ 2 ¹⁾	Extreme ¹²⁾ 3 ¹⁾	Unlikely ¹³⁾ 2 ¹⁾	Likely ¹⁴⁾ 2 ¹⁾	Vulnerability score ¹⁵⁾	Measure for Mitigation ¹⁶⁾	New vulnerability score ¹⁷⁾
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)¹⁸⁾										
1.1 ¹⁹⁾ Conceal explosives onboard, initiate with timer or remote device ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	6 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	3 ¹⁾
1.2 ¹⁹⁾ Bring explosives onboard, suicidal/high risk action ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	6 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	3 ¹⁾
1.5 ¹⁹⁾ Place explosives in cargo, initiate with timer or remote device ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	5 ¹⁾	2 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	N/A ²¹⁾
1.4 ¹⁹⁾ Attach explosives to hull, initiate with timer or remote device ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	6 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	3 ¹⁾
1.5 ¹⁹⁾ Open bow, side or stern ports, cargo hatch to sink or capsize ²⁰⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input type="checkbox"/>	1 ¹⁾	2 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	1 ¹⁾
2. Tampering with cargo, essential ship equipment or systems or ship's store²²⁾										
2.1 ¹⁹⁾ 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 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	4 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	2 ¹⁾
2.2 ¹⁹⁾ Contaminate cargo ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	2 ¹⁾	2 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	N/A ²¹⁾
3. Unauthorized access or use including presence of stowaways²³⁾										
3.1 ¹⁹⁾ Stowaways breaking onboard, concealment in cargo/service or storage spaces (including crewmembers) ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	4 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	2 ¹⁾
3.2 ¹⁹⁾ Boarding ship at port or during voyage as "passenger" or "crew" ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	4 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	2 ¹⁾
3.5 ¹⁹⁾ Boarding ship at port or during voyage as "pilot", "supplier", "survivor", false castaway ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	6 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	3 ¹⁾
4. Stowaway weapon or equipment, including weapons of mass destruction²⁴⁾										
4.1 ¹⁹⁾ Conceal weapons/equipment in cargo/service or storage spaces (including containers) ²⁰⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 ¹⁾ <input type="checkbox"/>	2 ¹⁾ <input checked="" type="checkbox"/>	6 ¹⁾	1 ¹⁾ /2 ¹⁾ (5 ¹⁾ / 4 ¹⁾ (5 ¹⁾ (5 ¹⁾ / 3 ¹⁾	3 ¹⁾

¹⁾Note: Possible consequence x Likelihood = Vulnerability Score
²⁾Note: after weighing the effectiveness of the measures for mitigation at the On-scene
³⁾Yes, after weighing the effectiveness of the measures for mitigation at the On-scene
⁴⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
⁵⁾Unlikely, after weighing the effectiveness of the measures for mitigation at the On-scene
⁶⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
⁷⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
⁸⁾Yes, after weighing the effectiveness of the measures for mitigation at the On-scene
⁹⁾No, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁰⁾Moderate, after weighing the effectiveness of the measures for mitigation at the On-scene
¹¹⁾High, after weighing the effectiveness of the measures for mitigation at the On-scene
¹²⁾Extreme, after weighing the effectiveness of the measures for mitigation at the On-scene
¹³⁾Unlikely, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁴⁾Likely, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁵⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁶⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁷⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁸⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
¹⁹⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
²⁰⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
²¹⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
²²⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
²³⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene
²⁴⁾None, after weighing the effectiveness of the measures for mitigation at the On-scene

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

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9頁 第3段階 (5/5-1)

- 「Possible Consequence」と「Likelihood」の数字の積を得る
- その積を「Vulnerability Score」とし、対策の指標とする

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

3rd stage and 5th stage
1st stage & 3rd stage: Identification of possible threat scenarios to key shipboard operations and assess the likelihood of those occurrences

Possible threat scenarios	Reference		Possible Consequences			Likelihood		2 nd stage		3 rd stage
	Yes	No	Minor 1	High 2	Extreme 3	Occur 1	Freq 2	Vulnerability score	Minimum 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"/>	3 rd <input checked="" type="checkbox"/>	6	4x3=12	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"/>	3 rd <input checked="" type="checkbox"/>	6	4x3=12	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 checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	3	4x3=12	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"/>	3 rd <input checked="" type="checkbox"/>	6	4x3=12	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"/>	3 rd <input type="checkbox"/>	-	4x3=12	-
2. Tampering with cargo, essential ship equipment or systems or ship's store										
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"/>	3 rd <input checked="" type="checkbox"/>	4	4x3=12	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"/>	3 rd <input checked="" type="checkbox"/>	2	4x3=12	N/A
3. Unauthorized access or use including presence of stowaways										
3.1 Stowaways sneaking onboard, concealment in cargo/service or storage spaces (including containers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 rd <input type="checkbox"/>	3 rd <input checked="" type="checkbox"/>	4	4x3=12	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"/>	3 rd <input checked="" type="checkbox"/>	4	4x3=12	2
3.3 Boarding ship at port or during voyage as "pilot", "supplier", "surveyor", fake castaway	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3 rd <input type="checkbox"/>	3 rd <input checked="" type="checkbox"/>	6	4x3=12	3
4. Smuggling 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"/>	3 rd <input checked="" type="checkbox"/>	6	4x3=12	3

Note: Possible consequence x Likelihood = Vulnerability Score
 Note: After weighing the effectiveness of the measures for mitigation at the On-scene assessment stage, new vulnerability score is to be evaluated at 3rd stage

Note: A measure must be established for the cases where vulnerability score is 4 or above (* to be considered appropriate)
 1. Access Control 2. Restricted Areas 3. Alarm 4. Search 5. Security Monitoring

1. Access Control 2. Restricted Areas 3. Alarm 4. Search 5. Security Monitoring

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9頁 第3段階 (5/5-2)

- 「Vulnerability Score」が4以上の場合、対策を確立しなければならない

Sample of Report for Ship Security Assessment Rev. 1 (Aug 2009)

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

Possible threat scenarios	Reference		Possible Consequences			Likelihood		2 nd stage		3 rd stage
	Tit	No.	Minor 1	High 2	Extreme 3	Occur 1	Freq 2	Vulnerability score	Minimum Mitigation	New vulnerability score
1. Damage to, or destruction of, the ship (Bombing, arson, sabotage, vandalism)										
1.1						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	6	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	3
1.2						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	6	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	3
1.3						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	3	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	N/A
1.4						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	6	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	3
1.5						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	-	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	-
2. Tampering with cargo, essential ship equipment or systems or ship's store										
2.1						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	4	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	2
2.2						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	2	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	N/A
3. Unauthorized access or use including presence of stowaways										
3.1						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	4	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	2
3.2						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	4	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	2
3.3						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	6	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	3
4. Smuggling weapon or equipment, including weapons of mass destruction										
4.1						3 rd <input type="checkbox"/>	3 rd <input type="checkbox"/>	6	1*(2+2+2+2+2+2+2+2) 4*(5+5+5+5)	3

Note: Possible consequences x Likelihood = Vulnerability Score
 Note: After verifying the effectiveness of the measure for mitigation at the On-scene assessment stage, new vulnerability score is to be re-evaluated at 3rd stage

Note: A measure must be established for the cases where vulnerability score is 4 or above (* to be considered appropriate)
 1. Access Control 2. Restricted Area 3. Alarm 4. Security Monitoring
 4. Ship's crew Delivery 5. Unaccompanied Baggage Handling

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11頁 第4段階 (1/3)

- 現場保安検査を実施し、本船の保安措置を確認もしくは確立する
- 大項目はB/9.8に従ったものとし、レベル1から3までのリストを作る

4th stage: On-scene Security Survey

Check (for Initial On-scene Security Survey)	YES	NO	Observation (including possible non-compliance)	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"/>	NA	-
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 Ais?	<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 8, 100% INSPECTION	-

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11頁 第4段階 (2/3)

- 保安上の弱点に関する「Observation」を書くようにする
- 本船が、現存の措置を用いて、A/7.1からA/7.4に規定されている行動を実行できるかどうかを念頭において行うこと

Rev. 1 (Aug 2003)

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

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

Checker for Initial On-scene Security Survey	YES	NO	Observation (including possible vulnerabilities)	Countermeasures 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 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"/>	LIMIT 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 checked="" type="checkbox"/>	<input type="checkbox"/>	RAY GUARDS ON MOORING ROPES, 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 these 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 masks 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	

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11頁 第4段階 (3/3)

- 弱点、脆弱性が特定されたら、対応策を検討し規定する

Rev 1 (Aug 2002)

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

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

Checklist for Initial On-scene Security Survey		YES	NO	Observation (including possible vulnerabilities)	Comments/Measures 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"/>	LIMIT ACCESS BOOTH 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 checked="" 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 sailing 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 jetting 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	

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9頁へ戻る 第5段階

- 第3段階でVulnerability Scoreが4以上につき、これまでの検討結果を踏まえて、第5段階として再度「Likelihood」を考察する
- “Likely”から“Unlikely”に変更された場合のみ、新Vulnerability Scoreが4以下となりうる

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*/2*/13* 4*/5*/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*/2*/13* 4*/5*/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*/2*/13* 4*/5*/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*/2*/13* 4*/5*/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*/2*/13* 4*/5*/16*	

Thank you for your attention

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