

United States Coast Guard



PORT STATE CONTROL EXAMINER Job Aid

Name of Vessel		Flag <input type="checkbox"/> No Change	
IMO Number		Case Number	
Date Completed	Priority	Points	
Location			
Vessel Built in Compliance with SOLAS: 60 74 74/78 NA			
Port State Control Officer & Examiners			
1. _____		5. _____	
2. _____		6. _____	
3. _____		7. _____	
4. _____		8. _____	

Job Aid PSCE
Rev. Mar 2017

Use of Port State Control Examiner Exam Book:

This examination book is intended to be used as a job aid by Coast Guard port state control examiners during boardings of foreign-flagged vessels. Each book contains an extensive list of possible examination items. It is not, however, the Coast Guard's intention to "inspect" all items listed. As a port state responsibility, port state control examiners must verify that the vessels and their crews are in substantial compliance with international conventions and applicable US laws. The depth and scope of the examination must be determined by the senior marine inspectors/port state control officers based on their observations.

This PQS workbook cites SOLAS regulations from the 2014 Consolidated Edition (74 SOLAS (14)). In some cases, the regulations in 74 SOLAS (14) may not apply due to the keel laid date of the vessel. PSC personnel must pay close attention to the applicability dates of the SOLAS chapters and regulations when conducting PSC exams.

This document does not establish or change Federal laws or regulations. References given are only general guides. Refer to IMO publications, CFR's, the Port State Control Training Aid, NVIC's, and any locally produced cite guides for specific regulatory references.

NOTE: *Guidance on how to examine port state control vessels can be found in MSM Volume II, Section D: General Aspects of Port State Control Examinations.*

Guide to Examinations:

Pre-inspection Items

- Review MISLE records
- Obtain copies of forms to be issued

Post-inspection Items

- Issue letters/certificates to vessel
 - Form A
 - Form B
 - COC
- Complete MISLE entries within 48 hours

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Section 1: Administrative Items

IMO Applicability Dates:

Reference	Dates
1974 SOLAS (2014 Consolidated)	
Chapter (I)	All Ships
Chapter (II-1)	01 JAN 09
Chapter (II-2)	01 JUL 02
Chapter (III)	01 JUL 98
Chapters (IV-XII)	All Ships
1974 SOLAS (2009 Consolidated)	
Chapter (II-1)	01 JAN 09
Chapter (II-2)	01 JUL 02
Chapter (III)	01 JUL 98
1974 SOLAS (2004 Consolidated)	
Chapter (II-1)	01 JUL 86
Chapter (II-2)	01 JUL 02
Chapter (III)	01 JUL 98
1974 SOLAS (2001 Consolidated)	
Chapter (II-1)	01 JUL 86
Chapter (II-2, III)	01 JUL 98
1974 SOLAS (1997 Consolidated)	
Chapters (II-1, II-2 Part A,C,D, III)	01 JUL 86
Chapter (II-2 Part B)	01 OCT 94
1974 SOLAS (1981 Amendments)	
Chapters (II-1, II-2, III)	01 SEP 84
1974 SOLAS (Unamended)	25 MAY 80
1960 SOLAS	Prior to 25 MAY 80

Conversions:

Distance and Energy				
Kilowatts (kW)	X	1.341	=	Horsepower (hp)
Feet (ft)	X	3.281	=	Meters (m)
Long Ton (LT)	X	.98421	=	Metric Ton (t)
Liquid <i>(NOTE: Values are approximate.)</i>				
Liquid	bbt/LT	m ³ /t	bbt/m ³	bbt/t
Freshwater	6.40	1.00	6.29	6.29
Saltwater	6.24	.975	6.13	5.98
Heavy Oil	6.77	1.06	6.66	7.06
DFM	6.60	1.19	7.48	8.91
Lube Oil	7.66	1.20	7.54	9.05
Weight				
1 Long Ton	=	2240 lbs	1 Metric Ton	= 2204 lbs
1 Short Ton	=	2000 lbs	1 Cubic Foot	= 7.48 gal
1 Barrel (oil)	=	5.61 ft = 42 gal = 6.29 m ³	1 psi	= .06895 Bar = 2.3106 ft of water
Temperature: Fahrenheit = Celsius (°F = 9/5 °C + 32 and °C = 5/9 (°F – 32))				
0	=	-17.8	80	= 26.7
32	=	0	90	= 32.2
40	=	4.4	100	= 37.8
50	=	10.0	110	= 43.3
60	=	15.6	120	= 48.9
70	=	21.1	150	= 65.6
200	=	93.3	250	= 121.1
300	=	148.9	400	= 204.4
500	=	260	1000	= 537.8
Pressure: Bars = Pounds per square inch				
1 Bar	=	14.5 psi	5 Bars	= 72.5 psi
2 bars	=	29.0 psi	6 Bars	= 87.0 psi
3 Bars	=	43.5 psi	7 Bars	= 101.5 psi
4 Bars	=	58.0 psi	8 Bars	= 116.0 psi
9 Bars	=	130.5 psi	10 Bars	= 145.0 psi

[illegible]

<p>74 SOLAS 2014 Consolidated contains all amendments entered into force up-to 01 Jul 14. The following Amendments (resolutions) have entered into force since it was published. www.imo.org</p> <p>MSC 365(93)</p> <p>MSC 366(93)</p>	<p>01 JUL 15</p> <p>01 JUL 15</p>
<p>FSS CODE (2015 edition)</p>	
<p>LSA Code (2010 edition) The following Amendments (resolutions) have entered into force since it was published. www.imo.org</p> <p>MSC 293(87)</p> <p>MSC 320(89)</p> <p>MSC 368(93)</p>	<p>01 JAN 12</p> <p>01 JAN 13</p> <p>01 JAN 16</p>
<p>ITC 1969</p>	<p>18 JUL 82</p>
<p>Load Line 1966</p> <p>Load Line 88 Protocol</p>	<p>21 JUL 68</p> <p>03 FEB 00</p>
<p>Load Line (2005 edition) contains all amendments entered into force up-to 2003 Amendments. The following Amendments (resolutions) have entered into force since it was published. www.imo.org</p> <p>MSC 172(79)</p> <p>MSC 223(82)</p> <p>MSC 270(85)</p> <p>MSC 329(90)</p> <p>MSC 356(92)</p> <p>MSC 375(93)</p>	<p>01 JUL 06</p> <p>01 JUL 08</p> <p>01 JUL 10</p> <p>01 JAN 14</p> <p>01 JAN 15</p> <p>01 JAN 16</p>

[illegible]

Owner's Agent
Individual
Phone Number

Individual

☐ Same as Owner's Agent

<input type="checkbox"/> No Change

<input type="checkbox"/> No Change

Vessel Information:

Classification Society	
ISM Issuer: Same as above? <input type="checkbox"/> Yes <input type="checkbox"/> No If not the same, which Recognized Organization? _____	
NOTE: The period of validity for ISM documents should correspond to the following list. If they do NOT, ISM documents should be further investigated. <input type="checkbox"/> 5 years = Full term (SMS and DOC) <input type="checkbox"/> 12 months = Interim (DOC) <input type="checkbox"/> 6 months = Interim (SMC) <input type="checkbox"/> 5 months = Short term (SMC)	
Last Drydocking Date	Next Drydocking Date
Location of Last Drydocking	
Date of Last Class Survey	
<input type="checkbox"/> Outstanding conditions of class or non-conformities	
Last Port of Call	Next Port of Call
Method of Construction <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Conversions / Modifications
Call Sign	<input type="checkbox"/> No Change
Gross Tons	<input type="checkbox"/> No Change
Built Date (use delivery date)	<input type="checkbox"/> No Change
Overall Length (in feet)	<input type="checkbox"/> No Change

Vessel Description:

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Passenger Vessel | <input type="checkbox"/> Ferry |
| <input type="checkbox"/> Ro-ro Passenger Vessel | <input type="checkbox"/> Other _____ |

IMMEDIATELY LEAVE ANY CONFINED SPACE IF:

- A personal monitor alarms;
- You feel dizzy or lightheaded;
- The forced air ventilation stops or is apparently ineffective; or
- If you sense any unexpected chemical through smell or dermal sensation that concerns you. This is a judgment call; however, you should depart any time there is a burning sensation in your lungs or you experience a shortness of breath. Any of these sensations may indicate a life threatening situation and you must react promptly to avoid injury.

Note: Climbing (other than on ladders) shall be limited to 5ft.

Steps to Take After Entry for All Confined Spaces

- ☐ Immediately contact your chain of command if you left a confined space for any of the reasons noted above. Do not reenter any confined space until notification of appropriate senior personnel and direction from your supervisor is obtained.
- ☐ Report any inconsistencies in the marine chemist certificate or competent person log to your supervisor and follow-up with a letter to Commandant CG-1134 via your District (industrial hygienist).
- ☐ In the event of overexposure, personnel should be evacuated to appropriate medical facilities by the most expeditious means. Medical personnel should be provided with all known information on the suspected exposure, including concentration and duration of exposure. This should include the most probable route of exposure. Also provide the medical authority with the phone number to American Toxic Substance and Disease Registry (ATSDR).

Examples (not limited to) of non-confined spaces that may pose a hazard on vessels:

<u>Non-confined spaces that may pose a risk (All vessel types)</u>	<u>Possible Hazard(s)</u>	<u>Safe Work Practice</u>
CO ₂ Storage Room	O ₂ deprivation due to leaking CO ₂	Ensure proper ventilation, wear O ₂ meter
Machinery Spaces	Noise, Flammability, Toxicity; MSDs – H ₂ S	Hearing protection
Flammable Storage Lockers/Paint Rooms	Flammability, Toxicity	Ensure proper ventilation
Battery Room	Toxicity -	Ensure proper ventilation
Bosun Shop	O ₂ deprivation	Ensure proper ventilation
Workshops	Toxicity from welding fumes, Flammability, Noise	Ensure proper ventilation
Provisions/Non-Flammable Storage	O ₂ deprivation	Ensure proper ventilation
Open Cargo Deck	Flammability	Ensure use of intrinsically safe radios, flashlight, phone, etc.

Section 2: Certificates and Documents

Name of Certificate	Issuing Agency	ID #	Port Issued/ Country	Issue Date	Exp. Date	Endors. Date
Certificate of Registry <input type="checkbox"/> No Change						
Classification Document <input type="checkbox"/> No Change						
Certificate of Financial Responsibility (COFR) <input type="checkbox"/> No Change	USCG					
Cargo Ship Safety Construction <input type="checkbox"/> No Change						
Cargo Ship Safety Equipment <input type="checkbox"/> No Change						
Cargo Ship Safety Radio <input type="checkbox"/> No Change						

Name of Certificate	Issuing Agency	ID #	Port Issued/ Country	Issue Date	Exp. Date	Endors. Date
International Load Line (ILLC) <input type="checkbox"/> No Change						
International Tonnage (ITC) <input type="checkbox"/> No Change						
ISM Document of Compliance (DOC) <input type="checkbox"/> No Change						
ISM Safety Management (SMC) <input type="checkbox"/> No Change						
International Ship Security (ISSC) <input type="checkbox"/> No Change						
Continuous Synopsis Record (CSR) <input type="checkbox"/> No Change						
Minimum Safe Manning (MSM) <input type="checkbox"/> No Change						

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Examples (not limited to) of confined spaces on vessels:

Confined Spaces	Hazard ²⁾
Voids/Cofferdams ¹⁾	P- O; S- F,T
Sealed Compartments ¹⁾	P- O; S- F,T
Double Bottoms/Sides/Duct Keels ¹⁾	P- O; S- F,T
Spaces Coated with a Preservative ¹⁾	P- O; S- F,T
Engine Crankcases/Scavenging Spaces ¹⁾	P- O; S- F,T
Large Heat Exchangers ¹⁾	P- O; S- F,T
Fuel/Lube Oil/Sludge Tanks ¹⁾	P- F,T; S- O
Water tanks ¹⁾	P- O; S- F,T
Cargo/Slop Tanks ¹⁾	P- O; S- F,T
Pump Rooms (if provided) ³⁾	P- O; S- F,T

1) Port State Control Officers should not attempt to enter any of the above spaces during a standard PSC examination, other than pump rooms. There may be reason to enter one or more of these spaces during the exam if there are clear grounds to do so, but only enter these spaces after ensuring they are safe for entry. Review the safe work practices contained in MSM Vol. 1, chapter 10, Appendix A for entry into confined spaces other than pump rooms.

2) Hazards – P (Primary);
S (Secondary);
O (Oxygen Deprivation);
F (Flammability);
T (Toxicity)

Confined Space Entry Checklist

Sources for Policy

- 29 CFR 1915, Part B
- COMDTINST M5100.47, Chapter 6, change 11
- MSM Vol. 1, Chapter 10 & Appendix A, C, D to Chapter 10
- MSM Vol. 2 Ch. 1, Section D, Chapter 6
- NFPA 306, Chapters 4, 6 & 7

A Confined Space for the purpose of this checklist is:

A space that possess all of the following three distinct characteristics –

1. Is large enough and so configured that an employee can bodily enter & perform assigned work;
2. Has limited or restricted means for entry or exit; and
3. Is not designed for continuous employee occupancy

Hazards associated with confined space entry

- Oxygen deficient or enriched atmosphere
- Flammable atmosphere
- Toxic atmosphere
- Extreme temperature (hot or cold)
- Engulfment hazard (such as grain, coal, sand, gypsum or similar material)
- Extreme noise
- Slick / wet surfaces & tripping hazards
- Falling objects
- Potential for rapidly changing atmosphere

USCG Confined Space Entry Requirement

A certified Marine Chemist **shall** conduct the initial inspection & certify all confined spaces on merchant vessels “Safe for Workers” before entry by USCG personnel.

In rare circumstances, if a Marine Chemist is not available, the OCMI may designate a USCG Competent Person to certify a confined space “Safe for Workers”

Name of Certificate	Issuing Agency	ID #	Port Issued/ Country	Issue Date	Exp. Date	Endors. Date
International Oil Pollution Prevention (IOPP) <input type="checkbox"/> No Change						
International Sewage Pollution Prevention (ISPP) <input type="checkbox"/> No Change						
International Air Pollution Prevention (IAPP) <input type="checkbox"/> No Change						
International Energy Efficiency (IEEC) <input type="checkbox"/> No Change						
International Anti-fouling System (IAFS) <input type="checkbox"/> No Change						

Section 3: Inspection Items

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | 1. Schedule examination in Maritime Information for Safety and Law Enforcement (MISLE) | 33 CFR 2
33 CFR 6 |
| <input type="checkbox"/> | 2. Coordinate examination with vessel's representative | MPS-PR-SEC-02
MSM II/D.5.C.2 |
| <input type="checkbox"/> | 3. Mitigate potential hazards encountered during an exam | NFPA 306 |
| <input type="checkbox"/> | 4. Examine anchor(s) and chain | MSM II/E.2.6.b
ILO-147 p48/3(g) |
| <input type="checkbox"/> | 5. Examine hull for required markings | ICLL 5-9 |
| <input type="checkbox"/> | 6. Examine material condition of hull | 33 USC 1321
MARPOL I/15 |
| <input type="checkbox"/> | 7. Examine access ladders and sideshell openings | 29 CFR 1915.74(a)
SOLAS 14 II-1/3-9 |
| <input type="checkbox"/> | 8. Examine hull, anchors and anchor chain for compliance with the Non-Indigenous Aquatic Nuisance Species Act | 33 CFR 151.2050(e)(f)
MSM II/D.1.G.1.t |
| <input type="checkbox"/> | 9. Examine mooring system/equipment | MSM II/E.2.6.b |
| <input type="checkbox"/> | 10. Examine security procedures at vessel access point(s) | 33 CFR 104.265(a)
ISPS A/7.2.2 |
| <input type="checkbox"/> | 11. Verify security training & records | 33 CFR 104.215 & 104.220
SOLAS 14 XI-2/4.2 |
| <input type="checkbox"/> | 12. Examine Certificate of Registry | 46 USC 3303
SOLAS 14 I/13 |
| <input type="checkbox"/> | 13. Examine Classification Society Certificate | SOLAS 14 I/6(a) |
| <input type="checkbox"/> | 14. Examine International Tonnage Certificate (ITC) | ICTM 69 Article 7 |
| <input type="checkbox"/> | 15. Examine International Load Line Certificate (ILLC) | ICLL Article 16 |
| <input type="checkbox"/> | 16. Examine Cargo Ship Safety Construction Certificate (CSSCC) | SOLAS 14 I/12(a)(ii)
SOLAS 14 I/16 |
| <input type="checkbox"/> | 17. Examine Cargo Ship Safety Equipment Certificate (CSSEC) and Record of Equipment (Form-E) | SOLAS 14 I/12(a)(iii)
SOLAS 14 I/16 |
| <input type="checkbox"/> | 18. Examine Cargo Ship Safety Radio Certificate (CSSRC) and Record of Equipment (Form-R) | SOLAS 14 I/12(a)(iv)
SOLAS 14 I/16 |
| <input type="checkbox"/> | 19. Examine Cargo Ship Safety Certificate (CSSC) and Record of Equipment (Form-C) | SOLAS 14 I/12(a)(v)
SOLAS 14 I/16 |
| <input type="checkbox"/> | 20. Examine copy of Document of Compliance (ISM-DOC) | 33 CFR 96.330
SOLAS 14 IX/4.2 |
| <input type="checkbox"/> | 21. Examine Safety Management Certificate (ISM-SMC) | SOLAS 14 IX/4.3
ISM Code 13.7 |
| <input type="checkbox"/> | 22. Examine Minimum Safe Manning Document | SOLAS 14 V/14.1 |

Detention Information:

NOTE: Complete prior to recommendation.

- ☐ Verify owner (from DOC or COFR), operator, and mailing address.
- ☐ Verify owner's agent.
- ☐ Verify last and future drydock dates and locations.
- ☐ If dual classed, who will respond? _____
- ☐ Which agency issued the documents that have major problems?

- ☐ What is the date of the last survey conducted for those items that have problems?

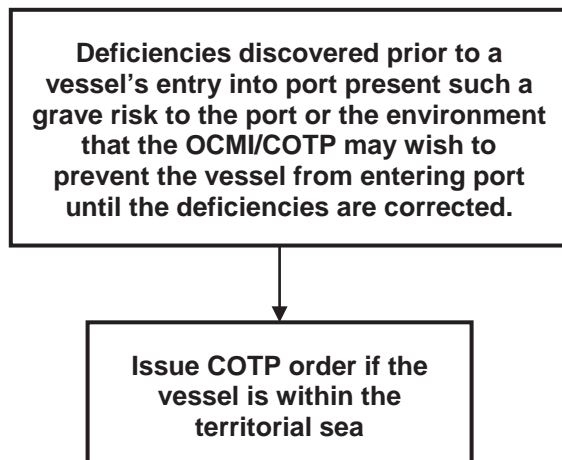
- ☐ What are the vessel's plans to deal with the problems?

- ☐ What is the crew's attitude toward the problems?

- ☐ Is the detention ISM related? If so, include ISM certification information in the Detention Report to CG-CVC-2

Notes: _____

Requires Corrective Measures Prior to Entry



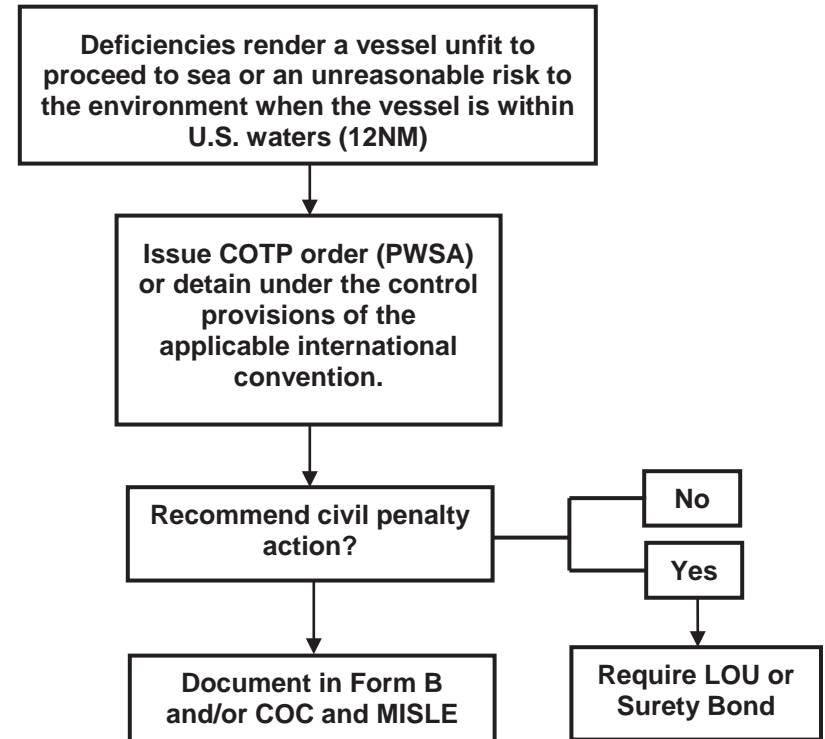
Examples include the following:

- Leaking tanks.
- Carrying dangerous cargoes with expired documents.
- Carrying incompatible cargoes.
- Invalid ISM certificates.
- COFR not on board.

<input type="checkbox"/>	23. Examine Crew Certificates of Competency and Proficiency IAW Safe Manning Document	STCW I/2.11
<input type="checkbox"/>	24. Examine Medical Certificates	STCW I/9.3 COMDTINST 16711.12A
<input type="checkbox"/>	25. Examine Continuous Synopsis Record (CSR)	SOLAS 14 XI-1/5.1
<input type="checkbox"/>	26. Examine International Ship Security Certificate (ISSC)	SOLAS 14 XI-1/5.10 SOLAS 14 XI-2/4.2
<input type="checkbox"/>	27. Examine International Oil Pollution Prevention Certificate (IOPP) and Record of Construction and Equipment (Form-A)	ISPS Code A/19.2.1 33 CFR 151.19 MARPOL I/7 & 8
<input type="checkbox"/>	28. Examine International Sewage Pollution Prevention Certificate (ISPP)	MARPOL IV/5 NVIC 01-09 Encl. 3
<input type="checkbox"/>	29. Examine International Air Pollution Prevention Certificate (IAPP)	MARPOL VI/6 CG-543 Policy Ltr 09-01
<input type="checkbox"/>	30. Examine the Engine International Air Pollution Prevention (EIAPP) Certificate(s)	MARPOL VI/13.8 NOx Code 2.1.1
<input type="checkbox"/>	31. Verify compliance with the Vessel General Permit (VGP)	VGP 1.5.1.1 & 10 VGP Table 1
<input type="checkbox"/>	32. Examine muster lists and emergency instructions	SOLAS 14 III/8.2
<input type="checkbox"/>	33. Examine ballast water management documents	33 CFR 151.2025(a)(1)
<input type="checkbox"/>	34. Examine Long-Range Identification & Tracking (LRIT) conformance test report	IMO MSC.1/Circ. 1307
<input type="checkbox"/>	35. Examine Ship Energy Efficiency Management Plan (SEEMP)	MARPOL VI/22
<input type="checkbox"/>	36. Examine International Energy Efficiency Certificate (IEEC)	MARPOL VI/6 CG-CVC Policy Ltr 13-02
<input type="checkbox"/>	37. Examine Energy Efficiency Design Index (EEDI)	MARPOL VI/20
<input type="checkbox"/>	38. Examine International Anti-fouling System Certificate (IAFS)	AFS 2 MSM II/D.1.G.t
<input type="checkbox"/>	39. Examine Oil Record Book Part I (ORB)	33 CFR 151.25 MARPOL I/17.1
<input type="checkbox"/>	40. Examine Shipboard Oil Pollution Emergency Plan (SOPEP)	MARPOL I/37.1
<input type="checkbox"/>	41. Examine Non-Tank Vessel Response Plan (NTVRP)	33 USC 1321(a)(26) 33 USC 1321(j)(5)(A)(ii)
<input type="checkbox"/>	42. Verify transfer personnel, procedures, equipment and records	33 CFR 155.700 33 CFR 155.710(e)(4)
<input type="checkbox"/>	43. Examine Garbage Management Plan	33 CFR 151.57 MARPOL V/9.2
<input type="checkbox"/>	44. Examine Garbage Record Book	33 CFR 151.55 MARPOL V/9.3
<input type="checkbox"/>	45. Examine training manuals	SOLAS 14 II-2/15.2.3.1

<input type="checkbox"/>	46. Examine liferaft maintenance records and service logs/reports	SOLAS 14 III/36.7 SOLAS 14 III/20.6
<input type="checkbox"/>	47. Examine fire detection system maintenance and service logs/reports	SOLAS 14 II-2/14.2.2.1 IMO MSC.1/Circ. 1432
<input type="checkbox"/>	48. Examine Logbook entries	33 CFR 164.25 SOLAS 14 V/26
<input type="checkbox"/>	49. Examine fire fighting equipment maintenance and service logs/reports	SOLAS 14 II-2/14.2.2.1 IMO MSC.1/Circ. 1432
<input type="checkbox"/>	50. Examine lifeboat maintenance records and service logs/reports	SOLAS 14 III/36.7
<input type="checkbox"/>	51. Examine charts and publications (when applicable)	33 CFR 164.33 SOLAS 14 V/19.2.1.4
<input type="checkbox"/>	52. Examine echo-sounding device	33 CFR 164.35(h) SOLAS 14 V/19.2.3.1
<input type="checkbox"/>	53. Examine electronic position fixing device	33 CFR 164.41 SOLAS 14 V/19.2.1.6
<input type="checkbox"/>	54. Examine bridge navigation/propulsion indicators	33 CFR 164.35(f) SOLAS 14 V/19.2.5.4
<input type="checkbox"/>	55. Examine records of emergency training and drills	SOLAS 14 III/19.3.2 SOLAS 14 III/19.5
<input type="checkbox"/>	56. Examine radar(s) and Automatic Radar Plotting Aid (ARPA)	33 CFR 164.35(a) & 37 SOLAS 14 V/19.2.3.2
<input type="checkbox"/>	57. Examine compasses	33 CFR 164.35(b) SOLAS 14 V/19.2.1.1
<input type="checkbox"/>	58. Witness operational test of steering gear	SOLAS 14 II-1/29.7 SOLAS 14 II-1/29.8
<input type="checkbox"/>	59. Examine Voyage Data Recorder (VDR)	SOLAS 14 V/20 IMO Res A.861(20)
<input type="checkbox"/>	60. Examine Automatic Identification System (AIS)	33 CFR 164.46 SOLAS 14 V/19.2.4
<input type="checkbox"/>	61. Examine radiotelephone (VHF)	33 CFR 26.03 SOLAS 14 IV/7.1
<input type="checkbox"/>	62. Examine Global Maritime Distress and Safety System (GMDSS) equipment	SOLAS 14 IV/8-11 IMO Res A.694(17)
<input type="checkbox"/>	63. Examine Long-Range Identification & Tracking (LRIT) equipment	SOLAS 14 V/19-1 .4.1 CG-543 Guidance
<input type="checkbox"/>	64. Examine daylight signaling lamp	SOLAS 14 V/19.2.2.2
<input type="checkbox"/>	65. Examine internal means of communication	SOLAS 14 II-1/37
<input type="checkbox"/>	66. Examine accommodations	ILO-147 p33/1-3 & 13 ILO-147 p34/12
<input type="checkbox"/>	67. Examine hospital space	ILO-147 p38/27 COMDTINST 16711.12A 7(1)(e)
<input type="checkbox"/>	68. Examine galley	ILO-147 p31/1(b) COMDTINST 16711.12A 7(1)(f)
<input type="checkbox"/>	69. Examine refrigerator and dry food stores	ILO-147 p30/2 COMDTINST 16711.12A 7(1)(f)
<input type="checkbox"/>	70. Examine sanitation areas	ILO-147 p36/18-20 COMDTINST 16711.12A 7(1)(d)
<input type="checkbox"/>	71. Examine vessel for general safety items	ILO-147 p45/3(b) COMDTINST 16711.12A 7(1)©

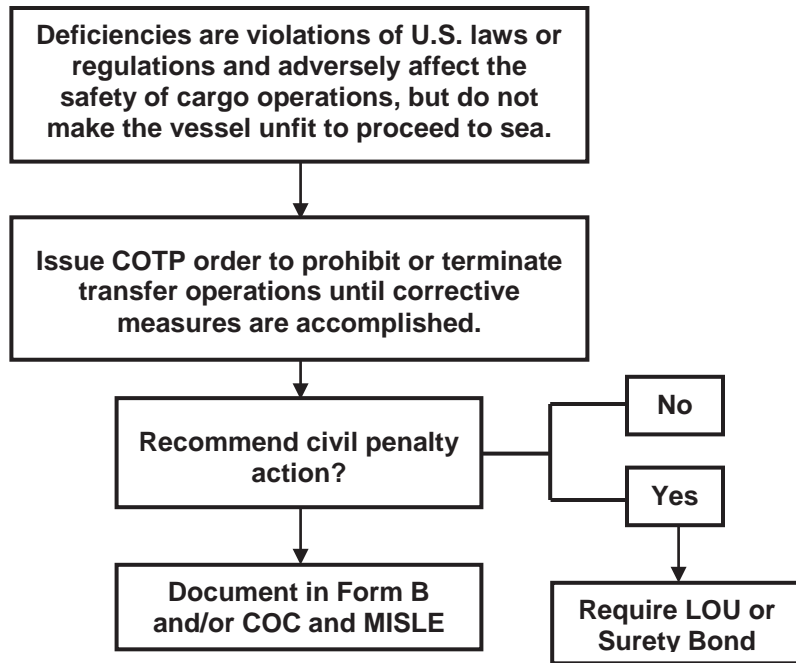
Requires Corrective Measures Prior to Departure (DETENTION)



Examples include the following:

- Excessive wastage, corrosion, pitting, holes, or damage to the hull, cargo hatches, fire main, or other vital system.
- Inoperable emergency fire pump or emergency generator.
- Inability to lower lifeboats.
- Inoperable lifeboat motors (i.e., will not start).
- Crew incompetent to carry out duties (e.g., fire or boat drills, cargo transfer, stability calculations, etc.).
- Licenses invalid.
- Safe Manning Document not on board.

**Requires Corrective Measures Prior to Cargo, Bunkering
or Lightering Operations
(NO DETENTION)**



Examples include the following:

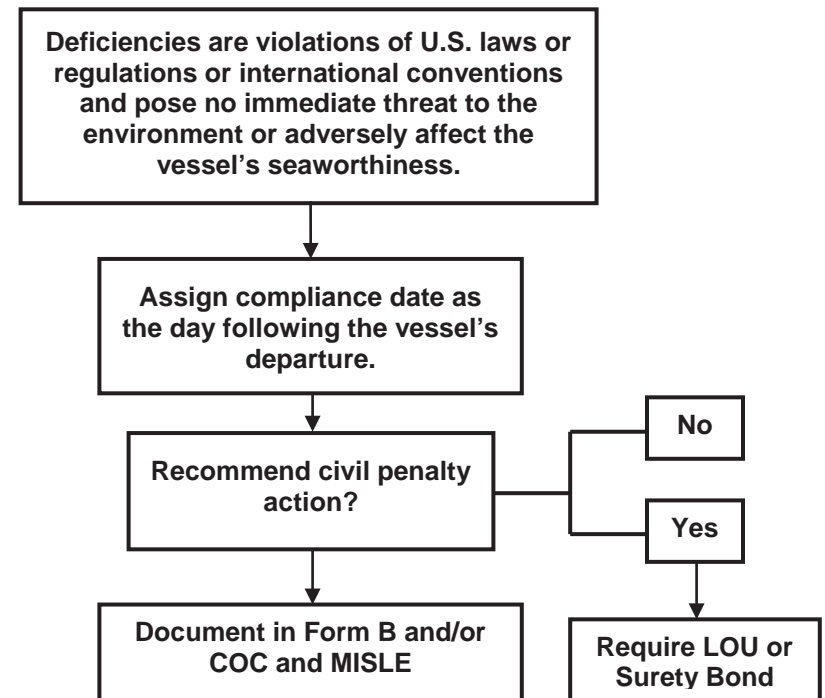
- Oil transfer procedures incomplete.
- Information on properties and hazards of cargoes not on board.
- High and low level alarms inoperative.

<input type="checkbox"/>	72. Examine means of escape	SOLAS 14 II-2/13.1 SOLAS 14 II-2/13.3.3
<input type="checkbox"/>	73. Avoid inadvertent entry into a confined space	29 CFR 1915, Part B MSM I/10
<input type="checkbox"/>	74. Examine life jackets	SOLAS 14 III/7.2.1.1 SOLAS 14 III/7.2.1.2
<input type="checkbox"/>	75. Examine immersion suits and stowage (when applicable)	SOLAS 14 III/7.3 SOLAS 14 III/32.2 & .3
<input type="checkbox"/>	76. Examine line throwing appliance	SOLAS 14 III/18 LSA Code 7.1.1.2
<input type="checkbox"/>	77. Examine pyrotechnics	SOLAS 14 III/6.3
<input type="checkbox"/>	78. Examine quick-release life buoys	SOLAS 14 III/7.1.3
<input type="checkbox"/>	79. Examine life buoys	SOLAS 14 III/4 LSA Code 2.1.1
<input type="checkbox"/>	80. Examine lifeboat	SOLAS 14 III/31.1 SOLAS 14 III/31.2
<input type="checkbox"/>	81. Examine muster and embarkation stations	SOLAS 14 III/11.2 & .3 SOLAS 14 III/11.6
<input type="checkbox"/>	82. Examine inflatable liferafts and installations	SOLAS 14 III/4
<input type="checkbox"/>	83. Examine rescue boat	SOLAS 14 III/31.2 LSA Code 5.1.1.1
<input type="checkbox"/>	84. Examine boat davits (rescue & lifeboat)	SOLAS 14 III/20.2 & .4 LSA Code Chapter 8
<input type="checkbox"/>	85. Examine general emergency systems	SOLAS 14 III/6.4.2 LSA Code 7.2.1.1
<input type="checkbox"/>	86. Examine fire hose stations	SOLAS 14 II-2/10.2.3.1.1 SOLAS 14 II-2/10.3.1.2
<input type="checkbox"/>	87. Examine international shore connection	SOLAS 14 II-2/10.2.7.1
<input type="checkbox"/>	88. Examine fire-fighter's outfits	SOLAS 14 II-2/15.2.4.1
<input type="checkbox"/>	89. Examine portable fire extinguishers	SOLAS 14 II-2/15.2.4.1 MSM II/D.1.G.1.o(6)(a)
<input type="checkbox"/>	90. Examine Fire Control Plan	SOLAS 14 II-2/15.2.4.1
<input type="checkbox"/>	91. Examine areas for compliance with Structural Fire Protection (SFP) requirements	SOLAS 14 II-2/9.2.3 SOLAS 14 II-2/15.2.4.1
<input type="checkbox"/>	92. Examine fixed fire detection and alarm systems	SOLAS 14 II-2/7.4 & .5 SOLAS 14 II-2/14.2.1.1.2
<input type="checkbox"/>	93. Examine fire main system(s)	SOLAS 14 II-2/10.2.2.2
<input type="checkbox"/>	94. Examine the fixed pressure water-spraying and water mist fire extinguishing systems	SOLAS 14 II-2/10.4.1.1.3 SOLAS 14 II-2/10.4.4
<input type="checkbox"/>	95. Examine fixed high pressure CO2 system	SOLAS 14 II-2/10.4.1.1.1 MSM II/D.1.G.1.o(6)(a)
<input type="checkbox"/>	96. Examine low pressure CO2 fixed fire fighting system	SOLAS 14 II-2/10.4.1.1.1 MSM II/D.1.G.1.o(6)(a)
<input type="checkbox"/>	97. Examine fixed high-expansion foam fire extinguishing system	SOLAS 14 II-2/10.4.1.1.2 MSM II/D.1.G.1.o(6)(a)

<input type="checkbox"/>	98. Examine steering gear assembly and operation	SOLAS 14 II-1/29.1-.3
<input type="checkbox"/>	99. Examine arrangements for propulsion engine(s)	SOLAS 14 II-1/26.1
<input type="checkbox"/>	100. Examine main service generators and prime mover(s)	SOLAS 14 II-1/26.1
<input type="checkbox"/>	101. Examine emergency generator(s) and prime mover(s)	SOLAS 14 II-1/26.1 SOLAS 14 II-1/44.3
<input type="checkbox"/>	102. Examine machinery spaces	MSM II/D.1.G.1.c(2) IMO Res A.1052(27) Appendix 6/3.2
<input type="checkbox"/>	103. Examine transfer procedures (when applicable)	33 CFR 155.100 33 CFR 155.720
<input type="checkbox"/>	104. Examine bilge pumps installation, piping, and valves	SOLAS 14 II-1/35-1.2
<input type="checkbox"/>	105. Examine switchboards	SOLAS 14 II-1/40.1.3 SOLAS 14 II-1/45.2
<input type="checkbox"/>	106. Examine motor controllers	SOLAS 14 II-1/40
<input type="checkbox"/>	107. Examine controls and alarms for unattended machinery spaces (when applicable)	SOLAS 14 II-1/46.3
<input type="checkbox"/>	108. Examine general condition hull and structural members	ICLL 66 I/12-25
<input type="checkbox"/>	109. Examine structural/watertight integrity of the deck/hull	MSM II/D.1.G.1.b(1) SOLAS 14 II-I/13-1.1 ICLL 66 I/12
<input type="checkbox"/>	110. Examine watertight doors and weathertight openings	SOLAS 14 II-1/15-1 SOLAS 14 II-1/16-1
<input type="checkbox"/>	111. Examine Oily Water Separator (OWS) and bilge monitor/alarm (OCM)	MARPOL I/14
<input type="checkbox"/>	112. Examine Marine Sanitation Device (MSD)	G-PCV Policy Ltr 06-01 33 CFR 159.7 MARPOL IV/9
<input type="checkbox"/>	113. Examine incinerator	MARPOL Annex VI/16.6.1 IMO Res MEPC.76(40)
<input type="checkbox"/>	114. Examine standard discharge connection	33 CFR 155.430 MARPOL I/13
<input type="checkbox"/>	115. Examine paint lockers	46 CFR 147.45
<input type="checkbox"/>	116. Examine storage of oxygen and acetylene cylinders	46 CFR 147.60(b)(1)
<input type="checkbox"/>	117. Evaluate fire drill	SOLAS 14 III/19.3.2 SOLAS 14 III/19.5
<input type="checkbox"/>	118. Evaluate abandon ship drill	SOLAS 14 III/19.3.4.1 MSM II/D.1.G.1.r(1)
<input type="checkbox"/>	119. Issue deficiency(s)	MSM II/D.1.C.8
<input type="checkbox"/>	120. Issue control action(s)	MSM II/D.2.C
<input type="checkbox"/>	121. Verify deficiency corrections	MSM II/D.1.G.3.f CG-5437A/B
<input type="checkbox"/>	122. Complete Maritime Information for Safety and Law Enforcement (MISLE) Activity	MSM I/12.H MISLE Work Instruction 3.b

Requires Corrective Measures Prior to Return to U.S. Waters

(NO DETENTION)



Examples include the following:

- Charts or nautical publications not currently corrected.
- Portable hoses have not been tested but appear in good condition.
- Actual location of safety equipment deviates from the vessel safety plan.
- Electrical fixtures in paint locker not appropriately certified for safe usage in hazardous location. (Operational controls, such as disconnecting the electrical power source or removing flammables from the space, may satisfactorily remove risk to vessel.)

General alarms / signals	Familiarity with duties	Boat release
Muster lists	Provide equipment	Boat operation
Muster of crew / passengers	Familiarity with equipment	Egress procedures
Crew response	Lower lifeboat	Davit-launched liferaft drill
Language understood by crew	Brake operation	Communication w/ bridge
Lif jackets	Engine start	Lighting

Location: _____ Time to Water: _____

Notes: _____

Recommended Port State Control Procedures:

Considering the seriousness of the deficiencies, the OCMI or COTP must determine the appropriate control action to impose on these vessels to ensure the safety of the vessel, the port, and the environment. The degree of control imposed, as well as the authority used to exercise control, must be consistent with the nature of the deficiencies.

Clear Grounds: Evidence that the ship, its equipment or its crew do not correspond substantially to the requirements of the relevant conventions or that the master or crew members are not familiar with essential shipboard procedures relating to the safety of ships or the prevention of pollution.

Detention: Detention is a control action that restricts a vessel's right of free movement. The imposition of a restriction on the movement of a vessel constitutes a detention regardless of whether or not a delay from a vessel's normal or expected itinerary occurs. Detentions may be carried out within port state control jurisdiction (U.S. waters $\leq 12\text{NM}$) under the authority of the applicable international convention, the Ports and Waterways Safety Act (PWSA) or a Customs hold.

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