Name of Vessel | Flag
---|---
 | □ No Change
IMO Number | MISLE Activity Number

<table>
<thead>
<tr>
<th>Date</th>
<th>PSC Schedule</th>
<th>Points</th>
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Location

Vessel Built in Compliance with SOLAS: 60 74 74/78 NA

Port State Control Officer & Examiners (Print & Sign)
1. ____________________________  5. ____________________________
2. ____________________________
3. ____________________________
4. ____________________________
Use of Port State Control Job Aid:

This book is intended to be used by Coast Guard Port State Control (PSC) examiners during foreign-flagged vessel exams. It contains the items that should be examined during a PSC B exam. The PSCO may expand the scope of any exam when there are clear grounds for believing that the condition of the vessel or its equipment does not correspond substantially with the particulars of the certificates, and should reference the PSC A job aid when expanding the exam in the relevant area(s).

The PSC B exam scope was developed to follow the guidelines in the Procedures for Port State Control as well as to add emphasis to areas where a higher risk has been identified in the current regulatory environment (e.g. ballast water, MARPOL Annex VI - ECA). As a matter of routine, many operational tests and drills will NOT be performed during PSC B exams unless determined by the PSC exam team to be necessary as part of an expanded exam. **NOTE reasons for expanding the exam must be documented in the MISLE narrative.**

This job aid cites regulations from 74 SOLAS (14), MARPOL, STCW and other conventions and codes. 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 & verify the correct cites prior to recording deficiencies. USCG policies, such as MSM II are also provided as references. These should never be cited when recording a deficiency on the Form B.

This document does not establish or change laws or regulations. References given are only general guides. Refer to IMO publications, CFR’s, TTP, NVIC’s, and any locally produced guides for specific regulatory references.

**NOTE:** Guidance on how to conduct a port state control examination can be found in:

- Procedures for Port State Control, IMO Resolution A.1119(30).
- Port State Control Examiner Tactics, Techniques, & Procedures, CGTTP-3.72.12.
- Vessel class-specific TTP, job aids & policy.
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Section 1: General Examination

Dockside Assessment

1. Examine anchor(s) and chain
   - Verify condition of anchor(s) MSM II/E.2.6.b
     ILO-147 p48/3(g)
   - Verify condition of visible anchor chain MSM II/E.2.6.b
     ILO-147 p48/3(g)

2. Examine hull for required markings
   - Verify Load Line is permanently marked ICLL 5-9
   - Verify presence of deck line ICLL 4
   - Verify IMO number SOLAS 14 XI-1/3
   - Verify draught marks SOLAS 14 II-1/5.6

3. Examine material condition of hull
   - Evaluate hull for signs of pollution/illegal discharge 33 USC 1321
     MARPOL I/15
   - Evaluate hull strength and integrity SOLAS 14 II-1/3-1
     ICLL 66 I/1

4. Examine access ladders and sideshell openings
   - Examine means of embarkation (gangway/ladders) SOLAS 14 II-1/3-9
   - Examine cargo ports and other similar openings ICLL 21
   - Examine sidescuttes (windows/skylights) ICLL 23
   - Examine pilot transfer arrangements SOLAS 14 V/23

5. Examine hull, anchors and anchor chain for compliance with the Non-Indigenous Aquatic Nuisance Species Act
   - Verify hull/anchor is free of organisms and sediment 33 CFR 151.2050(e)(f)
     MSM II/D.1.G.1.t
   - Evaluate condition of hull anti-fouling coating AFS Convention
     MSM II/D.1.G.1.t
6. Examine mooring system/equipment
   • Examine configuration of mooring lines arrangements
     MSM II/E.2.6.b
   • Verify condition of mooring lines
     MSM II/E.2.6.b
7. Examine security procedures at vessel access point(s)

- Verify all access points are monitored
  33 CFR 104.265(a)  
  ISPS A/7.2.2
- Observe gangway watch control of embarkation of persons and effects
  33 CFR 104.265(a)  
  ISPS A/7.2.3

8. Verify security training & records

- Verify presence of trained and designated Ship Security Officer
  33 CFR 104.215 & 104.220  
  SOLAS 14 XI-2/4.2
- Examine Declaration of Security
  33 CFR 104.255 & 235(b)(7)  
  ISPS A/5.2 & 5.7
Certificates & Documents

Examine the following certificates, verifying validity and notations of particulars and equipment. **NOTE: These certificates shall be examined during a PSC B exam, however the only documents required to have fields input into MISLE are denoted with an *.  

☐ 9. Certificate of Registry  46 USC 3303, SOLAS 14 I/13

☐ 10. Classification Society Certificate  SOLAS 14 I/6(a)

☐ 11. International Tonnage Certificate (ITC)  ICTM 69 Articles 7, 9 & 10

☐ 12. * International Load Line Certificate (ILLC)  ICLL Articles 15, 16, 18 & 19
  • Confirm load line observed on hull matches certificate  ICLL Reg 9

  SOLAS 14 I/12(a)(ii), I/16, I/10, I/14 & I/15

☐ 14. * Cargo Ship Safety Equipment Certificate (CSSEC) and Record of Equipment (Form-E)  
  SOLAS 14 I/12(a)(iii), I/16, I/8, I/14, I/15

☐ 15. Cargo Ship Safety Radio Certificate (CSSRC) and Record of Equipment (Form-R)  
  SOLAS 14 I/12(a)(iv), I/16, I/9, I/14 & I/15

☐ 16. *Cargo Ship Safety Certificate (CSSC) and Record of Equipment (Form-C)  
  SOLAS 14 I/12(a)(v), I/16, I/8-10, I/14 & I/15

☐ 17. Copy of Document of Compliance (ISM-DOC)  
  SOLAS 14 IX/4.2, IX/5; ISM Code 13.2-5, Code 16

☐ 18. * Safety Management Certificate (ISM-SMC)  
  SOLAS 14 IX/4.3, IX/5; ISM Code 13.7, 13.5.1, 16
19. Minimum Safe Manning Document
   - Verify manning in accordance with document

20. * Continuous Synopsis Record (CSR) **NOTE: A copy should be uploaded into vessel certificates in MISLE.**
   - Verify presence of current record
     - SOLAS 14 XI-1/5.1
     - SOLAS 14 XI-1/5.10
   - Verify presence of all records from 1 July 2004
     - SOLAS 14 XI-1/5.2.2
     - SOLAS 14 XI-1/5.6
   - Verify validity
     - SOLAS 14 XI-1/5.3
     - SOLAS 14 XI-1/5.4.1-4.3
   - Verify record form
     - SOLAS 14 XI-1/5.5.1
     - SOLAS 14 XI-1/5.5.2

   - SOLAS 14 XI-2/4.2,
     - ISPS Code A/19.2

22. International Oil Pollution Prevention Certificate (IOPP) and Record of Construction and Equipment (Form-A)
   - MARPOL I/7, 8, 9 & 10

23. International Air Pollution Prevention Certificate (IAPP) and Supplement
   - MARPOL VI/6, 8, 9
   - CG-543 Policy Ltr 09-01

24. Engine International Air Pollution Prevention (EIAPP) Certificate(s)
   - MARPOL VI/13.8
   - NOx Code 2.1.1, 2.2.10

25. Ballast water management documents
   - Verify Coast Guard approved Ballast Water Management System
     - 33 CFR 151.2025(a)(1)
   - Verify Ballast Water Management Plan
     - 33 CFR 151.2050(g)
   - Verify NBIC report submission
     - NVIC 18-01
     - 33 CFR 151.2060
Logs & Manuals

26. Oil Record Book Part I (ORB)

- Verify presence 33 CFR 151.25
  MARPOL I/17.1
- Verify validity and proper entries 33 CFR 151.25
  MARPOL I/17.2-.5
- Verify presence of completed ORBs 33 CFR 151.25
  MARPOL I/17.6

27. Examine Garbage Record Book

- Verify presence 33 CFR 151.55
  MARPOL V/10.3
- Verify validity MARPOL V/10.3
- Verify contents MARPOL V/10.3
- Verify receipts MARPOL V/10.3
Section 2: Hull Examination

Bridge & Navigation

☐ 28. Witness operational test of steering gear
   - Verify rudder angle indicator is accurate and consistent with local indicator  SOLAS 14 II-1/29.11.1  MSM II/D.1.G.1.d(9)
   - Verify operation of loss of power alarm  SOLAS 14 II-1/29.8.4

☐ 29. Examine Voyage Data Recorder (VDR)
   - Verify presence of VDR or simplified VDR (S-VDR)  SOLAS 14 V/20  IMO Res A.861(20)
   - Examine Certificate of Compliance  SOLAS 14 V/18.8

☐ 30. Examine Global Maritime Distress and Safety System (GMDSS) equipment
   - Verify appropriate equipment for assigned sea area(s)  SOLAS 14 IV/8-11  IMO Res A.694(17)
   - Examine radio records  SOLAS 14 IV/17
   - Verify stowage of Search and Rescue Transponder(s) (SART)  SOLAS 14 IV/7.1.3  SOLAS 14 III/6.2.2
   - Verify installation of 406MHz EPIRB  SOLAS 14 IV/7.1.6
Health & Safety

31. Examine galley

- Verify sanitary conditions
  - ILO-147 p31/1(b)
  - COMDTINST 16711.12A 7(1)(f)
- Verify adequately equipped to prepare food
  - ILO-147 p30/3
  - ILO-147 p35/14
- Verify mess-room provided for crew
  - ILO-147 p35/14
  - COMDTINST 16711.12A 7(1)(f)
- Verify condition of vents and ducts
  - SOLAS 14 II-2/9.7.5.2
- Verify installation of fixed fire-extinguishing means within ducts
  - SOLAS 14 II-2/9.7.5.2.4
- Verify deep-fat cooking equipment requirements
  - SOLAS 14 II-2/10.6.4
- Verify hot and cold water
  - ILO-147 p37/21(c)

32. Examine refrigerator and dry food stores

- Verify adequate food for size of crew & intended voyage
  - ILO-147 p30/2
  - COMDTINST 16711.12A 7(1)(f)
- Verify free of insects and/or rodents
  - ILO-147 p39/1(b)
  - COMDTINST 16711.12A 7(1)(f)
- Verify operation of emergency escape alarm/device (refrigerators)
  - ILO-147 p31/1(c)

33. Examine vessel for general safety items

- Verify safe access to all spaces
  - ILO-147 p45/3(b)
  - COMDTINST 16711.12A 7(1)(c)
- Verify spaces adequately lit
  - ILO-147 p44/3(a)
  - COMDTINST 16711.12A 7(1)(c)
- Verify no electrical hazards
  - SOLAS 14 II-1/40
  - SOLAS 14 II-1/45
- Verify warning notices posted as necessary
  - ILO-147 p44/3(a)
  - COMDTINST 16711.12A 7(1)(c)
34. Examine means of escape

- Verify means of escape and confirm accessibility
  
  SOLAS 14 II-2/13.1
  SOLAS 14 II-2/13.3.3

- Verify emergency lighting arrangements
  
  SOLAS 14 II-1/43.2.2

- Verify route(s) is marked and illuminated
  
  SOLAS 14 II-2/13.3

- Verify arrangement of machinery space escape ladders
  
  SOLAS 14 II-2/13.4.2

- Verify Emergency Escape Breathing Device (EEBDs) locations
  
  SOLAS 14 II-2/13.3.4
  SOLAS 14 II-2/13.4.3

- Verify EEBDs are in serviceable condition
  
  SOLAS 14 II-2/13.4.3.3
  FSS Code 3.2.2
Lifesaving Equipment

35. Spot check condition of life jackets
   - Verify light
     SOLAS 14 III/32.2.2
     SOLAS 14 III/32.2.3
   - Verify whistle
     LSA Code 2.2.1.14
   - Verify retro-reflective tape
     IMO Res A.658(16)
   - Verify stowage
     SOLAS 14 III/7.2.2

36. Spot check condition immersion suits and stowage (when applicable)
   - Verify stowage
     SOLAS 14 III/32.3.4

37. Examine lifeboat
   - Verify required number
     SOLAS 14 III/31.1
     SOLAS 14 III/31.2
   - Verify stowage arrangements
     SOLAS 14 III/11.1
     SOLAS 14 III/13 & 14
   - Verify markings
     LSA Code 4.4.9
     LSA Code 4.4.1.2
   - Verify condition
     SOLAS 14 III/20.2
     MSM II/D.1.G.1.o(5)
   - Verify presence of required equipment
     LSA Code 4.4.8
     LSA Code 4.4.7.5
   - Examine release gear(s)
     SOLAS 14 III/16.4
     LSA Code 4.7.6
   - Verify instructions inside for release gear
     SOLAS 14 III/9
   - Witness operational test of engine
     SOLAS 14 III/19.3.4.1.6
     SOLAS 14 III/20.6.2
   - Witness operational test of rudder
     LSA Code 4.4.7.2
38. Examine inflatable liferafts and installations

- Verify liferaft capacity requirements  
  SOLAS 14 III/31.2  
  LSA Code 4.2
- Verify stowage  
  SOLAS 14 III/13.4.1-4.4  
  SOLAS 14 III/13.5-.6
- Evaluate launching arrangements  
  SOLAS 14 III/12  
  SOLAS 14 III/16
- Verify markings  
  LSA Code 4.2.6.3
- Verify condition  
  SOLAS 14 III/20.2  
  MSM II/D.1.G.1.o(5)
- Verify annual service dates  
  SOLAS 14 III/20.8.1

39. Examine rescue boat

- Verify required number  
  SOLAS 14 III/31.2  
  LSA Code 5.1.1.1
- Verify embarkation and launching arrangement(s)  
  SOLAS 14 III/17  
  SOLAS 14 III/11
- Verify presence of equipment  
  LSA Code 5.1.1.10  
  LSA Code 5.1.1.11
- Verify stowage  
  SOLAS 14 III/14
- Witness operational test of engine  
  SOLAS 14 III/19.3.4.6  
  SOLAS 14 III/20.6.2

40. Examine boat davits (rescue & lifeboat)

- Examine condition of davit(s) and associated components  
  SOLAS 14 III/20.2 & .4  
  LSA Code Chapter 8
41. Examine fire hose stations

- Verify type, length and condition of hose
- Verify type and condition of nozzle
- Verify operational condition of hydrant valve
- Verify location(s) consistent with Fire Control Plan

42. Examine international shore connection

- Verify presence
- Verify storage location consistent with Fire Control Plan
- Verify presence of flange, bolts, washers and gasket

43. Examine fire-fighter's outfits

- Verify storage location consistent with Fire Control Plan
- Verify quantity
- Verify condition of personal equipment
- Verify condition of breathing apparatus
- Verify condition of lifeline
- Verify presence of spare charges

44. Examine portable fire extinguishers

- Verify locations consistent with Fire Control Plan
- Verify stowage
- Verify condition of extinguishers
- Verify presence of spare charges
45. Examine Fire Control Plan

- Verify currency of plan(s) or booklets
  SOLAS 14 II-2/15.2.4.1
- Verify plan or booklet is in required languages
  SOLAS 14 II-2/15.2.4.1
- Verify content of plan(s) or booklet
  SOLAS 14 II-2/15.2.4.1
  MSM II/D.1.G.1.o(6)
- Verify stowage of duplicate set of plan(s)
  SOLAS 14 II-2/15.2.4.2

46. Examine areas for compliance with Structural Fire Protection (SFP) requirements

- Verify SFP boundaries with fire control plan
  SOLAS 14 II-2/9.2.3
  SOLAS 14 II-2/15.2.4.1
- Ensure no unapproved SFP modifications
  SOLAS 14 II-2/14.2.1.1.1
  SOLAS 14 II-2/5.3
- Evaluate fire door operation
  SOLAS 14 II-2/9.2.3.4.1
  SOLAS 14 II-2/14.2.1.1
- Verify electric cable/pipe penetrations are compatible with fire control boundaries
  SOLAS 14 II-2/9.3
- Verify operational tests of ventilation systems controls
  SOLAS 14 II-2/5.2
  SOLAS 14 II-2/14.2.2.3.5

47. Examine fixed fire detection and alarm systems

- Verify operation
  SOLAS 14 II-2/7.4 & .5
  SOLAS 14 II-2/14.2.1.1.2
- Verify power sources
  FSS Code 9.2.2
- Verify operation of alarms
  FSS Code 9.2.5.1
- Verify operation of manually operated call points
  SOLAS 14 II-2/7.7
  SOLAS 14 II-2/14.2.1.1.2
- Verify periodic testing
  SOLAS 14 II-2/7.3.2
  SOLAS 14 II-2/14.2.2.3.2
48. Examine fire main system(s)

- Verify number of pumps
  SOLAS 14 II-2/10.2.2.2
- Verify location(s)
  SOLAS 14 II-2/10.2.2.3.2.1
- Verify remote start operation
  SOLAS 14 II-2/10.2.1.2.2.2
- Verify pressure
  SOLAS 14 II-2/10.2.1.6
- Verify relief valve installation
  SOLAS 14 II-2/10.2.1.4.3
- Verify fire station arrangements
  SOLAS 14 II-2/10.2.3
- Verify condition of fire main piping
  SOLAS 14 II-2/14.2.1.2
- Verify operation of emergency fire pump
  SOLAS 14 II-2/10.2.2.3.2

49. Examine the fixed pressure water-spraying and water mist fire extinguishing systems

- Verify the fixed system is arranged as indicated on fire control and/or general arrangement plan(s)
  SOLAS 14 II-2/10.4.1.1.3
  SOLAS 14 II-2/10.4.4
- Verify sprinkler pump arrangement for automatic activation
  SOLAS 14 II-2/14.2.1.2
  FSS Code 8.2.3.3

50. Examine fixed high pressure CO2 system

- Verify system is arranged as indicated in fire control and/or general arrangement plan
  SOLAS 14 II-2/10.4.1.1.1
  MSM II/D.1.G.1.o(6)(a)
- Verify control valves are arranged and marked
  FSS Code 5.2.1.3.1
  FSS Code 5.2.2.2
- Verify operating instructions at control stations
  FSS Code 5.2.1.3.3
- Verify closures for protected space openings
  SOLAS 14 II-2/10.4.2
- Verify storage room arrangements
  SOLAS 14 II-2/10.4.3
- Evaluate testing and inspection procedures
  IMO MSC.1/Circ. 1318
51. Examine low pressure CO2 fixed fire fighting system

- Verify system is arranged as indicated in fire control and/or general arrangement plan(s)  
  SOLAS 14 II-2/10.4.1.1.1
  MSM II/D.1.G.1.o(6)(a)
- Verify control valves are arranged and marked  
  FSS Code 5.2.1.3.1
  FSS Code 5.2.2.2
- Verify operating instructions at control stations  
  FSS Code 5.2.1.3.3
- Verify closures for protected space openings  
  SOLAS 14 II-2/10.4.2
- Verify storage room arrangements  
  SOLAS 14 II-2/10.4.3
  FSS Code 5.2.2.4.1
- Evaluate testing and inspection procedures  
  IMO MSC.1/Circ. 1318
- Verify alarms and indicators  
  FSS Code 5.2.2.4.3
  FSS Code 5.2.2.4.11
- Verify safety relief valves  
  FSS Code 5.2.2.4.3
  FSS Code 5.2.2.4.4

52. Examine fixed high-expansion foam fire extinguishing system

- Verify system is arranged as indicated in the fire control and/or general arrangement plan(s)  
  SOLAS 14 II-2/10.4.1.1.2
  MSM II/D.1.G.1.o(6)(a)
- Verify quantity and performance of foam concentrates  
  IMO Res MSC.327(90)
  IMO MSC/Circ. 670
53. Examine general condition hull and structural members
   - Examine condition of ladder ways, guardrails, fire mains, piping, hatch covers & watertight/weathertight closures
   - Evaluate hull strength and integrity

54. Examine structural/watertight integrity of the deck/hull
   - Assess condition of components
   - Assess condition of ventilator closures

55. Examine watertight doors and weathertight openings
   - Ensure all external openings are watertight
   - Verify down-flooding openings have weathertight closings
   - Evaluate condition of weathertight door(s) and hatches
Section 3: Machinery Examination

Machinery

56. Examine steering gear assembly and operation

- Examine condition of system
  SOLAS 14 II-1/29.1-3
- Verify suitable arrangements and access to machinery
  SOLAS 14 II-1/29.13
- Witness functional system tests
  SOLAS 14 II-1/29.3.2
  SOLAS 14 II-1/29.11.1-2

57. Examine arrangements for propulsion engine(s)

- Examine condition of components
  SOLAS 14 II-1/26.1
- Verify installation of machinery covers and guards
  SOLAS 14 II-2/4.2.2.6.1
- Verify high pressure fuel lines are double jacketed
  SOLAS 14 II-2/4.2.2.5.2
- Verify no leaks of flammable liquids
  SOLAS 14 II-2/4.1.1
- Verify engineers alarm is installed and operational
  SOLAS 14 II-1/38
- Verify emergency stopping device is installed
  SOLAS 14 II-1/31.2.3

58. Examine main service generators and prime mover(s)

- Examine condition of components
  SOLAS 14 II-1/26.1
- Verify installation of machinery covers and guards
  SOLAS 14 II-2/4.2.2.6.1
  IMO MSC/Circ. 834
- Verify required prime mover detectors/gauges
  SOLAS 14 II-1.47.2
- Verify no excess leaks of flammable liquids
  SOLAS 14 II-2/4.1.1
- Verify high pressure fuel lines are double jacketed
  SOLAS 14 II-2/4.2.2.5.2
59. Examine emergency generator(s) and prime mover(s)

- Examine condition of components
  - SOLAS 14 II-1/26.1
  - SOLAS 14 II-1/44.3
- Verify installation of machinery covers and guards
  - IMO MSC/Circ. 834
- Verify independent fuel supply
  - SOLAS 14 II-1/43.3.1.1
- Verify operation of remote fuel shutoff valve
  - SOLAS 14 II-2/4.2.2.3.4
  - MSM II/D.G.1.c.6
- Verify arrangement of auto-start function
  - SOLAS 14 II-1/43.3.1
  - SOLAS 14 II-1/44.4.1 & .2
- Witness operation of starting arrangements
  - SOLAS 14 II-1/44.2

60. Examine machinery spaces

- Evaluate condition of machinery and related equipment
  - MSM II/D.1.G.1.c(2)
  - IMO Res A.1052(27) Appendix 6/3.2
- Evaluate fire risk in spaces/bilges and means to control leaks of flammable liquids
  - SOLAS 14 II-2/4.1.2
  - MSM II/D.1.G.1.o(6)(d)
- Evaluate monitoring of bilge wells for protection against flooding
  - SOLAS 14 II-1/48.1
  - SOLAS 14 II-1/31.3
- Ensure personnel hazards are mitigated (rotating equipment, hot surfaces, railings, etc.)
  - SOLAS 14 II-1/26.1
  - SOLAS 14 II-2/4.2.2.6

61. Examine bilge pumps installation, piping, and valves

- Examine bilge system components
  - SOLAS 14 II-1/35-1.2
- Verify valve indicators
  - SOLAS 14 II-1/35-1.3.12
Pollution Prevention

62. Examine Oily Water Separator (OWS) and bilge monitor/alarm (OCM)

- Verify type of oily water separator and bilge monitor/alarm (MEPC.107(49) or MEPC.60(33))
  
  MARPOL I/14
  G-PCV Policy Ltr 06-01

- Review records
  
  MSM II/D.1.G.1.p(1)
  G-MOC Policy Ltr 04-13

- Verify OCM is sealed
  
  MSM II/D.1.G.1.p(3)
  MEPC.107(49)

- Verify OCM is calibrated
  
  MSM II/D.1.G.1.p(3)
  G-MOC Policy Ltr 04-13

- Verify presence of consumables IAW manufacturer's instructions
  
  MSM II/D.1.G.1.p(3)