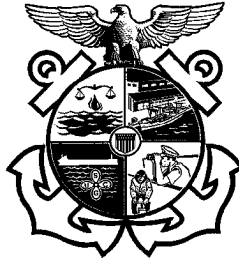


United States Coast Guard



PORT STATE CONTROL "PSC B" Job Aid

Name of Vessel	Flag <input type="checkbox"/> No Change
IMO Number	MISLE Activity Number
Date	Exam Type
Location	
Vessel Built in Compliance with SOLAS: 60 74 74/78 NA	
Port State Control Officer & Examiners (List PSCO first)	
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, certain operational tests and drills will NOT be performed during PSC B exams unless determined by the PSCO to be necessary as part of an expanded exam. *Reasons for expanding the exam must be documented in the MISLE narrative.*

This job aid cites regulations from 74 SOLAS (20), MARPOL, STCW and other conventions and codes. In some cases, the regulations in 74 SOLAS (20) 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 the Marine Safety Manual are also provided as references. These should never be cited when recording a deficiency on the Form B.

Duty to record deficiencies. All deficiencies identified by the PSCO during the PSC exam should be recorded on the CG-5437B (Form B) and in the activity inspection results. This includes deficiencies corrected prior to the PSCO's departure (i.e. 10c).

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. Prior to the exam, PSCOs should identify the vessel type (e.g. freight, tank), consider potential hazards, such as cargo or confined spaces, and consult the relevant training aid for tasks related to the cargo system.

Summary of Updates:

- Added "Cybersecurity Hygiene" under "Security Examination" (Task #8)
- Added "Verify condition of one pilot and/or embarkation ladder" under "Health & Safety." (Task #32)
- Added "Verify material condition of F/O shutoff valve" under "Examine Machinery Spaces." (Task #57)
- Edited Section 4 for Enhanced Exam Program (EEP) to address general program goals.

Table of Contents:

References	3
Section 1: General Examination	
Dockside Assessment.....	4
Security Examination	5
Certificates & Documents	5
Logs & Manuals	7
Section 2: Hull Examination	
Bridge & Navigation	8
Health & Safety	8
Lifesaving Equipment.....	9
Firefighting Systems	11
Structural & Watertight Integrity	14
Section 3: Machinery Examination	
Machinery.....	15
Pollution Prevention	17
Section 4: Enhanced Exam Program	
Instruction & Discussion	18
Notes.....	19

**Adobe Printing Instructions: Page Sizing & Handling Block>Booklet
Booklet Subset: Both sides; Binding: Left**

References:

The following non-inclusive list of references may guide a PSC exam:

- Procedures for Port State Control, IMO Resolution A.1138(31)
- [Marine Safety: Port State Control, COMDTINST 16000.73](#) (MS-73)
- [Marine Safety: International Conventions, Treaties, Standards and Regulations, COMDTINST 16000.74](#) (MS-74)
- [Port State Control Examiner TTP, CGTTP 3-72.12\(series\)](#)
- Vessel class-specific TTP, training aids & policy

Additionally, the following Conventions, Codes, and regulations apply, and may be cited for applicable deficiencies found during the exam:

- 74 SOLAS (20)*
- International Convention for the Prevention of Pollution from Ships, 1973, Consolidated Edition 2017 (MARPOL)
- International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 2017 edition (STCW)
- International Convention on Load Lines, 2005 Edition (ICLL)
- International Convention on Tonnage Measurement (ICTM)
- Antifouling Systems Convention (AFS)
- International Safety Management Code, 2018 Edition (ISM)
- Life Saving Appliances Code, 2017 Edition (LSA)
- Fire Systems Safety Code, 2015 Edition (FSS)
- International Ship and Port Facility Security Code, 2012 Edition (ISPS)
- 33 Code of Federal Regulations (CFR)
- 46 United States Code (USC)

* Depending on applicability, see earlier SOLAS editions if needed.

Section 1: General Examination

Dockside Assessment

- 1. Examine anchor(s) and chain
 - Verify condition of anchor(s) ILO-147 p48/3(g)
MS-74/E.2.6.b
 - Verify condition of visible anchor chain ILO-147 p48/3(g)
MS-74/E.2.6.b

- 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 20 XI-1/3
 - Verify draught marks SOLAS 20 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 20 II-1/3-1
ICLL I/1

- 4. Examine access ladders and sideshell openings
 - Examine means of embarkation (gangway/ladders) SOLAS 20 II-1/3-9
 - Examine cargo ports and other similar openings ICLL 21
 - Examine sidescuttles (windows/skylights) ICLL 23
 - Examine pilot transfer arrangements SOLAS 20 V/23

- 5. Examine hull, anchors and anchor chain for biofouling & sediment
 - Verify hull/anchor is free of organisms and sediment 33 CFR 151.2050(e)(f)
MS-73/D.1.G.1.t
 - Evaluate condition of hull anti-fouling coating AFS Convention
MS-73/D.1.G.1.t

- 6. Examine mooring system/equipment

- Examine configuration of mooring lines arrangements 33 CFR 194.19 MS-74/E.2.H.6.b
- Verify condition of mooring lines SOLAS 20 II-1/3.8 MS-74/E.2.H.6.b

Security Examination

- 7. Examine security procedures at vessel access point(s)
 - Verify all access points are monitored ISPS A/7.2.2 33 CFR 104.265(a)
 - Observe gangway watch control of embarkation of persons and effects ISPS A/7.2.3 33 CFR 104.265(a)
- 8. Verify cybersecurity hygiene
 - Verify vessel is practicing proper cybersecurity hygiene CG-CVC-WI-027 IMO MSC Res.428(98)

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
- 10. Classification Society Certificate SOLAS 20 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
- 13. * Cargo Ship Safety Construction Certificate (CSSCC)

SOLAS 20 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 20 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 20 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 20 I/12(a)(v), I/16, I/8-10, I/14 & I/15
17. Copy of Document of Compliance (ISM-DOC)
- SOLAS 20 IX/4.2, IX/5;
ISM Code 13.2-5, Code 16
18. * Safety Management Certificate (ISM-SMC)
- SOLAS 20 IX/4.3;
ISM Code 13.7, 13.51, 16
19. Minimum Safe Manning Document
- Verify manning in accordance with document SOLAS 20 V/14.1, V/14.2;
 - Spot check seafarer credentials STCW I/2.9, I/14
20. * Continuous Synopsis Record (CSR) **NOTE: A copy should be uploaded into vessel certificates in MISLE.**
- Verify continuous history from 1 July 2004 SOLAS 20 XI-1/5.2.2
SOLAS 20 XI-1/5.6
 - Verify details SOLAS 20 XI-1/5.3
SOLAS 20 XI-1/5.4.1-4.3
21. * International Ship Security Certificate (ISSC)
- 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 compliance date 33 CFR 151.2035(b)
 - Verify type approval certificate if fitted with USCG type approved BWMS 46 CFR 162.060-10
 - Verify AMS Acceptance Letter, if fitted with accepted AMS BWMS 33 CFR 151.2025(a)(3)
 - Verify Ballast Water Management Plan 33 CFR 151.2050(g) NVIC 18-01
 - Verify NBIC report consistent with onboard records 33 CFR 151.2060 & 2070

Logs & Manuals

** Per MEPC.312(74) "Guidelines for the use of electronic record books under MARPOL", Electronic Record Books may be used if acceptable to the administration.

- 26. Examine Oil Record Book Part I (ORB) **
 - Verify proper entries MARPOL I/17.2-.5
33 CFR 151.25
 - Verify completed ORBs MARPOL I/17.6
33 CFR 151.25

- 27. Examine Garbage Record Book **
 - Verify contents MARPOL V/10.3
33 CFR 151.55
 - 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 20 II-1/29.11.1
MS-73/D.1.G.1.d(9)

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

- 30. Examine Global Maritime Distress and Safety System (GMDSS) equipment
 - Verify appropriate equipment for assigned sea area(s) SOLAS 20 IV/8-11
IMO Res A.694(17)
 - Verify stowage of Search and Rescue Transponder(s) (SART) SOLAS 20 IV/7.1.3
SOLAS 20 III/6.2.2
 - Verify installation of 406MHz EPIRB SOLAS 20 IV/7.1.6

- 31. Examine internal means of communication
 - Witness communication with control room SOLAS 20 II-1/37
 - Witness communication with steering gear compartment SOLAS 20 II-1/29.10
33 CFR 164.35(o)

Health & Safety

Per COMDTINST 16711.12A, ILO-147 Cites must be accompanied by an enforceable U.S. statute. The current statute is 46 U.S.C. 70002. As the U.S. is not signatory to the Maritime Labour Convention (MLC), the USCG will only enforce the applicable provisions of ILO-147 (which is incorporated in the MLC), citing both ILO-147 and **46 U.S.C. 70002**.

- 32. Examine vessel for general safety items
 - Verify condition of one pilot and/or embarkation ladder (laid out on deck) SOLAS 20 V/23.2 (Pilot)
SOLAS 20 III/11.7 (Embarkation)
LSA Code 6.1.6 (Embarkation)
 - Verify spaces adequately lit ILO-147 p44/3(a)
 - Verify no electrical hazards SOLAS 20 II-1/40
SOLAS 20 II-1/45

- Verify warning notices posted as necessary ILO-147 p44/3(a)

33. Examine means of escape

- Verify means of escape and confirm access SOLAS 20 II-2/13.1
SOLAS 20 II-2/13.3.3
- Verify emergency lighting SOLAS 20 II-1/43.2.2
- Verify route(s) is marked and illuminated SOLAS 20 II-2/13.3
- Verify machinery space escape ladders SOLAS 20 II-2/13.4.2
- Verify Emergency Escape Breathing Device (EEBD) locations & condition SOLAS 20 II-2/13.3.4
SOLAS 20 II-2/13.4.3
FSS Code 3.2.2

Lifesaving Equipment

32. Spot check condition of lifejackets

- Verify light SOLAS 20 III/32.2.2
SOLAS 20 III/32.2.3
- Verify whistle LSA Code 2.2.1.14
- Verify retro-reflective tape IMO Res A.658(16)
- Verify stowage SOLAS 20 III/7.2.2

33. Spot check condition immersion suits and stowage (when applicable)

- Verify stowage SOLAS 20 III/32.3.4

34. Examine inflatable liferafts and installations

- Verify liferaft capacity requirements SOLAS 20 III/31.2
LSA Code 4.2
- Verify stowage SOLAS 20 III/13.4.1-4.4
SOLAS 20 III/13.5-.6
- Evaluate launching arrangements SOLAS 20 III/12
SOLAS 20 III/16
- Verify markings LSA Code 4.2.6.3
- Verify condition SOLAS 20 III/20.2
MS-73/D.1.G.1.o(5)
- Verify annual service dates SOLAS 20 III/20.8.1

- 35. Examine lifeboat
 - Verify required number SOLAS 20 III/31.1
SOLAS 20 III/31.2
 - Verify stowage SOLAS 20 III/11.1
SOLAS 20 III/13 & 14
 - Verify markings LSA Code 4.4.9
LSA Code 4.4.1.2
 - Verify condition SOLAS 20 III/20.2
MS-73/D.1.G.1.o(5)
 - Verify presence of required equipment LSA Code 4.4.8
LSA Code 4.4.4.7.5
 - Examine release gear(s) SOLAS 20 III/16.4
LSA Code 4.7.6
 - Verify instructions inside for release gear SOLAS 20 III/9
 - Witness operational test of engine SOLAS 20 III/19.3.4.1.6
SOLAS 20 III/20.6.2
 - Witness operational test of steering LSA Code 4.4.7.2

- 36. Examine survival craft launching appliances
 - Examine condition of davit(s) and associated components SOLAS 20 III/20.2 & .4
LSA Code Chapter 8

- 37. Examine rescue boat
 - Verify required number SOLAS 20 III/31.2
LSA Code 5.1.1.1
 - Verify embarkation and launching arrangement(s) SOLAS 20 III/17
SOLAS 20 III/11
 - Verify presence of equipment LSA Code 5.1.1.10
LSA Code 5.1.1.11
 - Verify stowage SOLAS 20 III/14
 - Witness operational test of engine SOLAS 20 III/19.3.4.6
SOLAS 20 III/20.6.2

Firefighting Systems

38. Examine fire hose stations
- Verify type, length and condition of hose SOLAS 20 II-2/10.2.3.1.1
SOLAS 20 II-2/10.3.1.2
 - Verify type and condition of nozzle SOLAS 20 II-2/10.2.3.3
SOLAS 20 II-2/10.2.3.1.2
 - Verify operational condition of hydrant valve SOLAS 20 II-2/14.2.1.2
MS-73/D.1.G.1.o.(6)(c)
 - Verify location(s) consistent with Fire Control Plan SOLAS 20 II-2/15.2.4.1
SOLAS 20 II-2/10.2.3.2.1
39. Examine international shore connection
- Verify storage location consistent with Fire Control Plan SOLAS 20 II-2/15.2.4.1
 - Verify presence of flange, bolts, washers and gasket FSS Code 2.2.2
MS-73/D.1.G.1.o.(6)(c)
40. Examine fire-fighter's outfits
- Verify storage location consistent with Fire Control Plan SOLAS 20 II-2/15.2.4.1
 - Verify quantity SOLAS 20 II-2/10.10.2.1
SOLAS 20 II-2/10.2.4
 - Verify condition of equipment FSS Code 3.2.1
 - Verify presence of spare air charges SOLAS 20 II-2/10.10.2.5
41. Examine portable fire extinguishers
- Verify locations consistent with Fire Control Plan SOLAS 20 II-2/15.2.4.1
MS-73/D.1.G.1.o(6)(a)
 - Verify stowage SOLAS 20 II-2/10.3.2.4
SOLAS 20 II-2/10.3.2.2
 - Verify condition of extinguishers SOLAS 20 II-2/14.2.1.2
FSS Code 4.2
 - Verify presence of spare charges SOLAS 20 II-2/10.3.3
42. Examine Fire Control Plan
- Verify currency of plan or booklets SOLAS 20 II-2/15.2.4.1
 - Verify content & language(s) of plan(s) or booklets SOLAS 20 II-2/15.2.4.1
MS-73/D.1.G.1.o(6)
 - Verify stowage of duplicate set of plan(s) SOLAS 20 II-2/15.2.4.2

43. Examine areas for compliance with Structural Fire Protection (SFP) requirements
- Verify SFP boundaries with fire control plan SOLAS 20 II-2/9.2.3
SOLAS 20 II-2/15.2.4.1
 - Ensure no unapproved SFP modifications SOLAS 20 II-2/14.2.1.1.1
SOLAS 20 II-2/5.3
 - Evaluate fire door operation SOLAS 20 II-2/9.2.3.4.1
SOLAS 20 II-2/14.2.1.1
 - Verify electric cable/pipe penetrations are compatible with fire control boundaries SOLAS 20 II-2/9.3
 - Verify operational tests of ventilation system controls SOLAS 20 II-2/5.2
SOLAS 20 II-2/14.2.2.3.5
44. Examine fixed fire detection and alarm systems
- Verify operation SOLAS 20 II-2/7.4 & .5
SOLAS 20 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 20 II-2/7.7
SOLAS 20 II-2/14.2.1.1.2
 - Verify periodic testing SOLAS 20 II-2/7.3.2
SOLAS 20 II-2/14.2.2.3.2
45. Examine fire main system(s)
- Verify number of pumps SOLAS 20 II-2/10.2.2.2
 - Verify location(s) SOLAS 20 II-2/10.2.2.3.2.1
 - Verify remote start operation SOLAS 20 II-2/10.2.1.2.2.2
 - Verify operation of emergency fire pump SOLAS 20 II-2/10.2.2.3.2
SOLAS 20 II-2/14.2.1.2
 - Verify pressure SOLAS 20 II-2/10.2.1.6
 - Verify relief valve installation SOLAS 20 II-2/10.2.1.4.3
 - Verify condition of fire main piping SOLAS 20 II-2/14.2.1.2
46. Examine fixed pressure water-spraying and water mist fire extinguishing systems
- Verify fixed system is arranged as indicated on fire control and/or general arrangement plan(s) SOLAS 20 II-2/10.4.1.1.3
SOLAS 20 II-2/10.4.4
 - Verify sprinkler pump arrangement for automatic activation SOLAS 20 II-2/14.2.1.2
FSS Code 8.2.3.3

47. Examine fixed high pressure CO2 system
- Verify system is arranged as indicated in fire control and/or general arrangement plan SOLAS 20 II-2/10.4.1.1.1 MS-73/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 20 II-2/10.4.2
 - Verify storage room arrangements SOLAS 20 II-2/10.4.3
 - Verify condition/serviceability SOLAS 20 II-2/14.1 IMO MSC.1/Circ. 1318
48. 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 20 II-2/10.4.1.1.2 MS-73/D.1.G.1.o(6)(a)
 - Verify quantity and performance of foam concentrates FSS Code 6.3 IMO MSC/Circ. 670
49. Examine low pressure CO2 fixed fire fighting system
- Verify system is arranged as indicated in fire control and/or general arrangement plan(s) SOLAS 20 II-2/10.4.1.1.1 MS-73/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 20 II-2/10.4.2
 - Verify storage room arrangements SOLAS 14 II-2/10.4.3 FSS Code 5.2.2.4.1
 - Verify condition/serviceability SOLAS 20 II-2/14.1 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

Structural & Watertight Integrity

- 50. Examine watertight doors and weathertight openings
 - Ensure all external openings are watertight SOLAS 20 II-1/15-1
SOLAS 20 II-1/16-1
 - Verify down-flooding openings have weathertight closures ICLL I/19(4)
ICLL I/20
 - Evaluate condition of weathertight door(s) and hatches ICLL I/12(1)
ICLL I/16

- 51. Examine general condition of hull and structural members
 - Examine condition of ladder ways, guardrails, fire mains, piping, hatch covers & watertight/weathertight closures ICLL I/12-25
MS-73/D.1.G.1.b(1)
 - Evaluate hull strength and integrity ICLL I/11
MS-73/D.1.G.1.b(2)

- 52. Examine structural/watertight integrity of the deck/hull
 - Assess condition of components SOLAS 20 II-I/13-1.1
ICLL I/12
 - Assess condition of ventilator closures ICLL I/19(4)

Section 3: Machinery Examination

Machinery

- 53. Examine steering gear assembly and operation
 - Examine condition of system SOLAS 20 II-1/29.1-.3
 - Verify suitable arrangements and access to machinery SOLAS 20 II-1/29.13
 - Witness functional system tests SOLAS 20 II-1/29.3.2
SOLAS 20 II-1/29.11.1-2

- 54. Examine arrangements for propulsion engine(s)
 - Examine condition of components SOLAS 20 II-1/26.1
 - Verify installation of machinery covers and guards SOLAS 20 II-1/26.1
SOLAS 20 II-2/4.2.2.6.1
 - Verify high pressure fuel lines are double jacketed SOLAS 20 II-2/4.2.2.5.2
 - Verify no leaks of flammable liquids SOLAS 20 II-2/4.1.1
 - Verify engineers alarm is installed and operational SOLAS 20 II-1/38
 - Verify emergency stopping device is installed SOLAS 20 II-1/31.2.3

- 55. Examine main service generators and prime mover(s)
 - Examine condition of components SOLAS 20 II-1/26.1
 - Verify installation of machinery covers and guards SOLAS 20 II-1/26.1
SOLAS 20 II-2/4.2.2.6.1
IMO MSC/Circ. 834
 - Verify required prime mover detectors/gauges SOLAS 20 II-1.47.2
 - Verify no leaks of flammable liquids SOLAS 20 II-2/4.1.1
 - Verify high pressure fuel lines are double jacketed SOLAS 20 II-2/4.2.2.5.2

- 56. Examine bilge pumps installation, piping, and valves
 - Examine bilge system components SOLAS 20 II-1/35-1.2
 - Verify valve indicators SOLAS 20 II-1/35-1.3.12

- 57. Examine machinery spaces

- Evaluate condition of machinery and related equipment IMO Res A.1138(31) Appendix 6/3.2
MS-73/D.1.G.1.c(2)
- Evaluate fire risk in spaces/bilges and means to control leaks of flammable liquids SOLAS 20 II-2/4.1.2
MS-73/D.1.G.1.o(6)(d)
- Evaluate monitoring of bilge wells for protection against flooding SOLAS 20 II-1/48.1
SOLAS 20 II-1/31.3
- Ensure personnel hazards are mitigated (rotating equipment, hot surfaces, railings, etc.) SOLAS 20 II-1/26.1
SOLAS 20 II-2/4.2.2.6
- Verify material condition of engine room fuel oil shutoff valve SOLAS II-2/4.2.2.3.4

58. Examine emergency generator(s) and prime mover(s)

- Examine condition of components SOLAS 20 II-1/26.1
SOLAS 20 II-1/44.3
- Verify installation of machinery covers and guards SOLAS 20 II-1/26.1
IMO MSC/Circ. 834
- Verify independent fuel supply SOLAS 20 II-1/43.3.1.1
- Verify operation of remote fuel shutoff valve SOLAS 20 II-2/4.2.2.3.4
MS-73/D.G.1.c.6
- Verify arrangement of auto-start function SOLAS 20 II-1/43.3.1
SOLAS 20 II-1/44.4.1 & .2
- Witness operation of starting arrangements SOLAS 20 II-1/44.2

Pollution Prevention

- 59. Examine Oily Water Separator (OWS) and bilge monitor/alarm (OCM)
 - Verify OWS/OCM approval type MARPOL I/14
G-PCV Policy Ltr 06-01
 - Review records MS-73/D.1.G.1.p(1)
G-MOC Policy Ltr 04-13
 - Verify OCM is sealed MS-73/D.1.G.1.p(3)
MEPC.107(49)
 - Verify OCM is calibrated MS-73/D.1.G.1.p(3)
G-MOC Policy Ltr 04-13
 - Verify presence of consumables
IAW manufacturer's instructions MS-73/D.1.G.1.p(3)

- 60. Verify fuel compliance with MARPOL Annex VI
 - Review records MARPOL VI/3, 4, 14 & 18
CVC-WI-022
 - Verify fuel receipts MARPOL VI/18
CVC-WI-022
 - Verify fuel oil SO_x MARPOL VI/14
CVC-WI-022
 - Verify alternative arrangements for
meeting emissions standards MARPOL VI/4 & 3
CVC-WI-022

- 61. Examine Ballast Water Management System (BWMS)
 - Verify placard matches USCG
approval certificate or AMS
acceptance letter 46 CFR 162.060-22 & -10
33 CFR 151.2026
 - Verify operation 33 CFR 151.2025
 - Verify Operation, Maintenance &
Safety Manual 46 CFR 162.060-38

Section 4: Enhanced Examination Program

Discussion & Instructions

Discussion. Enhanced exams focus on specific systems and processes. They encourage implementation of new regulations by ship owners and operators, and/or enable the Coast Guard to monitor compliance trends. In addition, enhanced exams may be initiated by the Coast Guard to focus on systems or components that relate to more serious deficiencies, which otherwise would not be readily identified during a PSC exam.

Enhanced exam topics are rotated on a quarterly basis. Instructions are posted to CVC-2's [Enhanced Exam Program webpage](#), and are also distributed via the CID network at the beginning of each quarter. The scope of the exam depends on the system, components, or processes being examined but typically should not add more than 15 minutes to an exam time.

Results from each Enhanced Exam Program campaign are posted to the [Enhanced Exam Program webpage](#) in the month following the end of the campaign.

Instructions. The PSCO shall conduct an enhanced exam for every PSC A and PSC B exam unless otherwise instructed.

Results from the enhanced exam will be documented in the activity narrative as follows:

*Conducted enhanced exam for **XX**. Vessel **was // was not** found in substantial compliance.*

Applicable deficiency codes will be provided within the context of the EEP instruction.

