
U.S. COAST GUARD



OFFSHORE SUPPLY VESSEL INSPECTOR (OI)

PERFORMANCE AND QUALIFICATION STANDARD



Marine Inspection and Investigation School
Training Center Yorktown

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Offshore Supply Vessel Inspector Performance and Qualification Standard

Competency Code: OI

References:

- (a) U.S. Coast Guard Sector Organization Manual, COMDTINST M5401.6 (series)
- (b) Marine Safety Manual, COMDTINST M16000 (series)
- (c) Performance, Training & Education Manual, COMDTINST M1500.10C
- (d) Safety and Environmental Health Manual, COMDTINST 5100.47A

This Performance and Qualification Standard (PQS) workbook is your On the Job Training (OJT) performance checklist for certification as an Offshore Supply Vessel (OSV) Inspector. It is your responsibility to document all completed unit training items and keep track of all inspections completed during this process by filling out the Inspection Log located in appendix C in this workbook.

This qualification is intended for all Coast Guard Marine Inspectors (Active Duty Officers and Civilian GS Personnel).

This PQS workbook contains the necessary tasks and steps for an OI to conduct an Inspection for Certification and drydock examination. The OI qualification is one of eleven Marine Inspector competencies. Those members who will be conducting inspections on OSVs are required to complete all tasks and steps in this PQS workbook. Certain tasks associated with inspections on specialized OSVs (i.e. liftboats, OSRVs, well stimulation and anchor handling etc.) were intentionally separated from this baseline qualification in order to streamline the national certification process and limit the need to defer tasks. To qualify for an endorsement to inspect specialized OSVs you will be required to complete the specific tasks and steps associated with that particular type of OSV which are incorporated in the following addendum workbooks:

DCN: MPS-PQS-TCY-OIA – Liftboat

DCN: MPS-PQS-TCY-OIB – Anchor Handling

The following is a brief overview of how this PQS workbook works. On each task card you will find:

1. **Job:** The formal title of the qualification.
Example: "Offshore Supply Vessel Inspector"
2. **Job Accomplishment:** The main deliverable for the qualification.
Example: "Certificate of Inspection"
3. **Major Accomplishment:** The valuable products of a job or specialty which collectively make up the job accomplishment.
Example: "Lifesaving Equipment Inspection"
4. **Vessel types:** The specific type of vessels within the formal title of the qualification that the task is associated with.

Example: "All OSVs"

5. **Task:** Action to be performed on the job. A unit of behavior which has value for producing major accomplishments/output; has a definite beginning (stimulus); is made up of two or more steps; and results in a measurable output.
6. **Condition:** Specifies assistance, aids, or constraints the trainee will be given. It states the condition(s)/limit(s) under which the task will be performed.
7. **Standard:** Specifications of the levels of accuracy and quality necessary for success - that is, how well a trainee must carry out the desired performance to complete the task.
8. **Steps:** Sequence of actions which collectively make up the task's completion.

All tasks and steps must be validated by a certified Verifying Officer (VO). The VO shall observe the successful performance of each task and document such with signatures in the specific task card. VOs shall be experienced and competent personnel who have demonstrated the ability to evaluate, instruct and observe other personnel in the performance task criteria. VOs must be certified and recent in the competencies for which they are to verify and must be designated in writing, by the command. VOs must enter their title, name and initials in the Record of Verifying Officer's section before making entries in your PQS workbook.

Ideally, all steps and tasks within the PQS workbook shall be required to be completed prior to obtaining the OI competency. With the exception of the training prerequisites listed on page (I), the Officer in Charge of Marine Inspection (OCMI) or designee may defer PQS items as authorized by references (a) and (d). The deferment of tasks should only be done when all reasonable attempts have been exhausted that would allow the apprentice the opportunity to demonstrate proficiency with a particular task. If a task is deferred, the reason for the deferment must be clearly articulated in both the PQS workbook and the certification letter for record keeping and accountability. The certification will be considered a "local certification" per reference (b) (MSM I/7.C.2.g) and limited to the cognizant OCMI's zone. Upon transfer of the inspector or OCMI, the certification will be rescinded until the deferred items have completed to the satisfaction of the new OCMI. **Division Chiefs shall examine all qualifications and prerequisites of newly reported Marine Inspectors to identify any deferred items necessary for their port.**

Prior to any prerequisite being deferred the individual's command must seek a waiver from the Office of Commercial Vessel Compliance. (CVC-1)

A Certification Board should only be completed after all the tasks and steps are signed by a VO. Upon satisfactory completion of the board, a Letter of Certification/Designation will be issued and the **Unit Training Coordinator should enter the certification in Training Management Tool (TMT).**

Appendices:

- A. List of additional references
- B. Glossary
- C. Inspection Log

PQS Verifying Officer Signature Verification Log

RATE/ RANK	SIGNATURE/ PRINT NAME	EMPLID	INITIALS	UNIT
REMARKS:				

Offshore Supply Vessel Inspector PQS

RECORD OF COMPLETION		
Training Prerequisites	Date	Training Coordinator's Signature
A. Assign OI competency in TMT		
B. Completion of the following resident and on-line courses:		
1. Marine Inspector Course (501869); <i>and</i>		
2. Introduction to Confined Space Entry and Shipyard Competent Person for Marine Inspection/Port State Control (100028); <i>and</i>		
3. Machinery Inspector Course (502253)		
C. Completion of MMI Ship Rider Training		
D. Completion of Industry Familiarization		
E. Completion of this PQS Workbook		
F. Successful completion of final assessment under the observation of the Verifying Officer		
G. Successful completion of the final board by OICB		
OICB Members Present for Board:		
H. Certification/Designation Letter submitted for approval		
I. Once Certification/Designation Letter is signed make appropriate entries in TMT		
REMARKS:		

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-PI01	Research vessel details in MISLE (Marine Information for Safety and Law Enforcement) information system	
OI-PI02	Coordinate inspection with vessel's representative	
OI-PI03	Mitigate potential hazards encountered during an inspection	
OI-DA01	Initial vessel visual examination (upon arrival)	
OI-CD01	Review Certificate of Inspection (COI)	
OI-CD02	Review Certificate of Documentation (COD)	
OI-CD03	Examine stability letter, book and loading criteria	
OI-CD04	Review Load Line Certificate (International (ILLC) / Coastwise)	
OI-CD05	Review Merchant Mariner Credentials (MMCs), Medical Certificates & TWIC	
OI-CD06	Inspect compliance of drug and alcohol program	
OI-CD07	Review International Noxious Liquid Substance Certificate (International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances (NLS) in Bulk or Certificate of Fitness (COF)	
OI-CD08	Examine maintenance and service records (liferafts & fire fighting)	
OI-CD09	Examine muster lists and emergency instructions (additional steps found in LS cards)	
OI-CD10	Review International Safety Management, Document of Compliance (DOC) and Safety Management Certificate (SMC)	
OI-CD11	Review Classification Society Document/Certificates	
OI-CD12	Review International Anti-Fouling System (IAFS) certificate with Record of Anti-Fouling System	
OI-CD13	Review Cargo Ship Safety Construction Certificate (CSSCC)	
OI-CD14	Review Cargo Ship Safety Equipment Certificate (CSSEC) & Form E (Record of Equipment)	
OI-CD15	Review Cargo Ship Safety Radio Certificate (CSSRC) & Form R (Record of Equipment)	
OI-CD16	Review International Ships Security Certificate (ISSC) & Continuous Synopsis Record (CSR)	
OI-CD17	Review International Oil Pollution Prevention Certificate (IOPP) and Form A (Supplement)	
OI-CD18	Review International Air Pollution Prevention Certificate (IAPP) and Supplement Record of Construction and Equipment	
OI-CD19	Review Engine International Air Pollution Prevention (EIAPP) Certificate	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-CD20	Verify compliance with Vessel General Permit (VGP)	
OI-CD21	Review Certificate of Financial Responsibility (COFR)	
OI-CD22	Review Tonnage Certificate (International (ITC) / Domestic)	
OI-CD23	Review Federal Communications Commission Bridge-to-Bridge Certificate	
OI-CD24	Review Federal Communications Commission Station License	
OI-CD25	Review Federal Communications Commission Safety Radiotelephony Certificate	
OI-CD26	Review International Energy Efficiency Certificate and Record of Construction	
OI-CD27	Review Statement of Voluntary Compliance, MARPOL Annex IV (Sewage)	
OI-LM01	Verify compliance with STCW watchkeeping standards	
OI-LM02	Review logbook	
OI-LM03	Review radio logs	
OI-LM04	Review lifesaving equipment maintenance record	
OI-LM05	Review abandon ship and fire fighting training manual	
OI-LM06	Review cargo securing manual	
OI-LM07	Examine Waste/Garbage Management Plan	
OI-LM08	Examine Garbage Record Book	
OI-LM09	Review Oil Record Book (ORB)	
OI-LM10	Review Shipboard Oil Pollution Emergency Plan (SOPEP)	
OI-LM11	Review Non-Tank Vessel Response Plan (NTVRP)	
OI-LM12	Examine ballast water management documents	
OI-LM13	Verify oil and hazardous liquid transfer procedures	
OI-LM14	Review Automation Test Procedures and Operations Manual	
OI-LM15	Examine Crane Record Book	
OI-LM16	Review Shipboard Marine Pollution Emergency Plans (SMPEP)	
OI-LM17	Review Procedures and Arrangements Manual (P&A)	
OI-SD01	Review Vessel Security Plan (VSP/ASP)	
OI-SD02	Examine security records	
OI-SD03	Examine security equipment	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-SD04	Evaluate crew's knowledge of security plan	
OI-SD05	Verify security training & records	
OI-BN01	Verify operations of internal communication and control systems	
OI-BN02	Inspect radar(s)	
OI-BN03	Inspect magnetic compass	
OI-BN04	Inspect gyrocompass	
OI-BN05	Inspect depth sounding/recording equipment	
OI-BN06	Inspect electronic position-fixing device (satellite navigation (GPS) receiver)	
OI-BN07	Verify operation of Automated Identification System (AIS)	
OI-BN08	Verify Long Range Identification and Tracking Information (LRIT) Equipment	
OI-BN09	Inspect Global Maritime Distress and Safety System (GMDSS) equipment	
OI-BN10	Inspect Radiotelephone equipment	
OI-BN11	Inspect steering system controls at Operating Station	
OI-BN12	Inspect navigation aids	
OI-BN13	Inspect sound signaling devices	
OI-BN14	Examine charts and publications	
OI-GH01	Inspect accommodation spaces	
OI-GH02	Inspect means of escape from accommodation, machinery and other spaces	
OI-GH03	Inspect mess deck and galley spaces	
OI-GH04	Inspect paint locker(s)	
OI-LS01	Inspect Emergency Position Indicating Radio Beacon (EPIRB)	
OI-LS02	Inspect general emergency alarm system	
OI-LS03	Inspect line throwing equipment	
OI-LS04	Inspect distress signals	
OI-LS05	Inspect life jackets	
OI-LS06	Inspect work vests	
OI-LS07	Inspect immersion suits	
OI-LS08	Inspect life buoys	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-LS09	Inspect inflatable liferaft installations	
OI-LS10	Inspect lifefloat installations	
OI-LS11	Inspect Lifeboats	
OI-LS12	Inspect rescue boat	
OI-LS13	Inspect rescue platform(s)	
OI-LS14	Inspect davit(s) and appurtenances	
OI-LS15	Witness davit weight test	
OI-FF01	Review approved Safety Plan (Fire-Control Plan)	
OI-FF02	Inspect areas for compliance with Structural Fire Protection (SFP) requirements	
OI-FF03	Inspect fire boundary closures	
OI-FF04	Inspect fire main and pump(s) - primary and emergency	
OI-FF05	Inspect fire stations	
OI-FF06	Inspect portable fire extinguishers	
OI-FF07	Inspect semi-portable fire extinguishers	
OI-FF08	Inspect fire axes	
OI-FF09	Inspect fireman's outfit(s)	
OI-FF10	Inspect International Shore Connection	
OI-FF11	Inspect fire detection system	
OI-FF12	Inspect high pressure CO2 system(s)	
OI-FF13	Inspect water mist system(s)	
OI-FF14	Inspect clean agent Fire extinguishing system(s)	
OI-DP01	Check Dynamic Positioning operations	
OI-HD01	Inspect helideck	
OI-HD02	Inspect fire fighting system(s) for helideck	
OI-MI01	Inspect steering gear	
OI-MI02	Inspect fuel oil service and transfer system	
OI-MI03	Inspect main propulsion system(s)	
OI-MI04	Inspect non-metallic expansion joints	
OI-MI05	Witness operational test of main propulsion automation	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-MI06	Inspect Unfired Pressure Vessels (UPVs)	
OI-MI07	Inspect refrigeration/air conditioning system(s)	
OI-MI08	Inspect bilge system	
OI-MI09	Inspect ballast system	
OI-ES01	Inspect switchboard(s)	
OI-ES02	Inspect main service and propulsion generator(s) and prime mover(s)	
OI-ES03	Inspect emergency generator(s) and prime mover(s)	
OI-ES04	Inspect battery installation	
OI-ES05	Inspect motor controllers	
OI-ES06	Inspect lighting system(s)/fixture(s)	
OI-ES07	Inspect emergency lighting	
OI-ES08	Inspect distribution panel(s)	
OI-ES09	Inspect electrical cables and fixtures	
OI-ES10	Inspect components installed in designated hazardous locations	
OI-SW01	Inspect hatches and Class-1 watertight doors	
OI-SW02	Inspect Class 2 & 3 watertight doors	
OI-SW03	Inspect watertight bulkhead penetrations	
OI-SW04	Inspect hull structure	
OI-PP01	Inspect Oily Water Separator (OWS)	
OI-PP02	Inspect sewage system	
OI-PP03	Conduct garbage handling (MARPOL Annex V) survey	
OI-PP04	Conduct an International Air Pollution Prevention (IAPP MARPOL Annex VI) survey	
OI-PP05	Conduct Vessel General Permit (VGP) compliance verification	
OI-PP06	Inspect pollution prevention equipment	
OI-PP07	Conduct an IOPP (MARPOL Annex I) survey	
OI-TE01	Examine freeing ports and scuppers	
OI-TE02	Examine ground tackle and related equipment	
OI-TE03	Inspect mooring system and equipment	
OI-TE04	Inspect air ports, dead covers and natural vent openings	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-TE05	Inspect tank vents	
OI-TE06	Inspect rails and guards	
OI-TE07	Examine cranes	
OI-TE08	Witness 5-year load test on crane(s)	
OI-CS01	Inspect liquid cargo transfer system(s)	
OI-CS02	Examine portable tank(s)	
OI-CS03	Verify compliance of packaged hazardous materials	
OI-CS04	Inspect remotely-operated valves and controls	
OI-ED01	Evaluate Fire Drill	
OI-ED02	Evaluate Man Overboard Drill	
OI-ED03	Evaluate Abandon Ship Drill	
OI-ED04	Evaluate Security Drill	
OI-HI01	Inspect hull	
OI-HI02	Inspect hull markings	
OI-HI03	Inspect main propulsion propeller(s)	
OI-HI04	Inspect tailshaft(s) and stern bearing(s)	
OI-HI05	Inspect rudder installation	
OI-HI06	Inspect hull appendages	
OI-HI07	Inspect anchor chain(s) and chain locker	
OI-HI08	Inspect sea valve(s)	
OI-HI09	Inspect non-propulsion thruster(s)	
OI-HI10	Determine if vessel qualifies to participate in Underwater Survey Program (UWILD)	
OI-HI11	Inspect hull during an underwater survey	
OI-IS01	Verify confined spaces are safe for entry	
OI-IS02	Inspect internal structures	
OI-WR01	Evaluate structural repair proposals	
OI-WR02	Verify welding Procedure Qualification Record(s) (PQR)	
OI-WR03	Verify welder is qualified to perform repair work	
OI-WR04	Inspect fit-up	

Offshore Supply Vessel Inspector PQS

Task Number	Task Description	Date Completed
OI-WR05	Inspect back gouge	
OI-WR06	Inspect welds	
OI-NT01	Inspect nondestructive testing (NDT) using the liquid (dye) penetrant method	
OI-NT02	Inspect nondestructive testing (NDT) using the magnetic particle method	
OI-NT03	Inspect nondestructive testing (NDT) using the radiography (gamma rays or x-rays) method	
OI-NT04	Inspect nondestructive testing (NDT) using the ultrasonic method	
OI-NT05	Inspect nondestructive testing (NDT) using the hydrostatic method (Pressure Vessels)	
OI-NT06	Inspect nondestructive testing (NDT) using the hydrostatic method (Piping Systems)	
OI-NT07	Inspect nondestructive testing (NDT) using the hydrostatic method (Tanks and Bulkheads)	
OI-NT08	Inspect nondestructive testing (NDT) using the pneumatic method (Pressure Vessels)	
OI-NT09	Inspect nondestructive testing (NDT) using the pneumatic method (Piping Systems)	
OI-NT10	Inspect nondestructive testing (NDT) using the tank air test (pneumatic) method (Tanks and Bulkheads)	
OI-NT11	Inspect nondestructive testing (NDT) using the hose test method (Tanks and Bulkheads)	
OI-NT12	Inspect nondestructive testing (NDT) using the vacuum box method (Tanks and Bulkheads)	
OI-FU01	Verify vessel compliance with the International Safety Management (ISM) Code	
OI-FU02	Issue deficiencies	
OI-FU03	Issue/Endorse vessel's certificates	
OI-FU04	Complete MISLE Activity	
OI-FU05	Verify deficiency corrections	
OI-FU06	Ensure completion of drydock examination	

Offshore Supply Vessel Inspector (OI)**All Inspections****Pre-Inspection (PI)****All OSVs**

Task: OI-PI01 Research vessel details in MISLE (Marine Information for Safety and Law Enforcement) information system

Condition: During preparation for inspection

Standard: In accordance with current policies, procedures and processes

- References:**
1. Title 46, United States Code § 3301 Vessels Subject to Inspection
 2. Title 33 Code of Federal Regulations Part 138 & Title 46, Code of Federal Regulations Part 125
 3. CG-543 Policy Letter 11-01 Guidelines for CG Evaluations of Compliance with the EPA's Vessel General Permit
 4. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management Ch-15
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. MPS-PR-SEC-01 Scheduling Domestic Vessel Inspections & MPS-PR-SEC-04 Preparing for Inspections and Examinations

Steps		References	Initials
PI01.1	Determine authority, jurisdiction and applicable regulations	46 USC 3301(3) 46 CFR 125.100	
PI01.2	Locate vessel in MISLE	MSM I/12.G.5	
PI01.3	Verify documents are current in MISLE	MPS-PR-SEC-04 MSM II/B.1.C.2	
PI01.4	Review history (narratives, deficiencies & special notes)	MPS-PR-SEC-04 MSM II/B.1.C.2	
PI01.5	Verify status of user fees	MPS-PR-SEC-01 MSM II/B.1.C.2	
PI01.6	Enter title and point(s) of contact	MSM II/B.1.C.2	
PI01.7	Vessel General Permit	CG-543 Policy Ltr 11-01	
PI01.8	Verify status of Certificate of Financial Responsibility (e-COFR)	33 CFR 138.15(a)(2)	
PI01.9	Generate new activity	MPS-PR-SEC-04 MSM I/12.H	
PI01.10	Prepare folder and required documents	MPS-PR-SEC-04	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE including Coast Guard's Mission Management System (MMS) processes and procedures as they relate to OSVs.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**All Inspections****Pre-Inspection (PI)****All OSVs****Task:** OI-PI02 Coordinate inspection with vessel's representative**Condition:** *During preparation for inspection***Standard:** *In accordance with current policies, procedures and processes*

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 3. MPS-PR-SEC-01 Scheduling Domestic Vessel Inspection
 4. MPS-PR-SEC-04 Preparing for Inspection and Examinations

Steps		References	Initials
PI02.1	Verify vessel's representative	MPS-PR-SEC-01	
PI02.2	Determine location and time of inspection	MPS-PR-SEC-01	
PI02.3	Discuss inspection expectations	46 CFR 126.430 MSM II/B.1.D.1 & B.2.A.1	
PI02.4	Verify vessel's owner/operator information	MPS-PR-SEC-04	
PI02.5	Verify vessel's Classification Society information	MPS-PR-SEC-04	
PI02.6	Review outstanding conditions from third party reports and/or CG-835s	MPS-PR-SEC-04	
PI02.7	Review repairs and alterations	46 CFR 126.150	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of MISLE including Coast Guard's Mission Management System (MMS) processes and procedures as they relate to OSVs.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**All Inspections****Pre-Inspection (PI)****All OSVs****Task:** OI-PI03 Mitigate potential hazards encountered during an inspection**Condition:** *During preparation for inspection***Standard:** *In accordance with current policies, procedures and processes*

- References:**
1. Title 29, Code of Federal Regulations Part 1915 Occupational Safety & Health Standards for Shipyard Employment
 2. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management Ch-15
 3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 4. NFPA 306 Standard for the Control of Gas Hazards on Vessels
 5. Gas Alert Quattro Gas Detector Operator's Manual

Steps		References	Initials
PI03.1	Recognize potential hazards encountered during inspection	NFPA 306	
PI03.2	Determine confined spaces	MSM I/10 App. A	
PI03.3	Determine if exam scope will require a Marine Chemist certification for space entry	29 CFR 1915, Part B MSM II/A.5.H	
PI03.4	Verify Marine Chemist has been scheduled for exam	MSM I/10	
PI03.5	Prepare necessary personal protective equipment for exam	MSM I/10 Quattro Operator's Manual	
PI03.6	Review CG policy for when to leave a space due to hazardous condition	MSM I/10	

Verifying Officer Guidance:**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Dockside Assessment (DA)****All OSVs****Task:** OI-DA01 Initial vessel visual examination (upon arrival)**Condition:** While observing the vessel from dock or anchorage**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, United States Code § 1321 Oil & Hazardous Substance Liability
 2. Title 29, Code of Federal Regulations Part 1915 Occupational Safety & Health Standards for Shipyard Employment
 3. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
 4. Title 46, Code of Federal Regulations Parts 67, 126, 130 & 131
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified & International Convention on Load Lines (ICLL) 1966, as amended

Steps		References	Initials
DA01.1	Verify presence of anchor(s)	46 CFR 130.240-.250	
DA01.2	Verify Load Line markings	46 CFR 125.140 46 CFR 131.230 ICLL I/4-8	
DA01.3	Verify IMO number	33 CFR 104.297 SOLAS 14 XI-1/3	
DA01.4	Verify draught (draft) marks	46 CFR 131.220 SOLAS 14 II-1/5.6	
DA01.5	Verify name, hailing port and official number markings	46 CFR 131.210 46 CFR 67.121 46 CFR 67.123	
DA01.6	Evaluate hull for signs of pollution/illegal discharge	33 USC 1321 MARPOL I/15	
DA01.7	Evaluate hull condition	46 CFR 126.140 -.150 SOLAS 14 II-1/3-1 ICLL I/1	
DA01.8	Examine means of embarkation (gangway/ladders)	29 CFR 1915.74(a)(6) SOLAS 14 II-1/3-9 ICLL I/25(4)	
DA01.9	Examine cargo ports and other similar openings	ICLL I/21	

[TASK OI-DA01 continued on next page]

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

DA01.10	Examine sidescuttles (windows/skylights)	ICLL I/23	
DA01.11	Verify condition of mooring lines	46 CFR 130.240-.250	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD01 Review Certificate of Inspection (COI)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, United States Code Part F Manning of Vessels
 2. Title 46, Code of Federal Regulations Part 15 Manning Requirements
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
CD01.1	Verify presence and location	46 CFR 126.240	
CD01.2	Validate manning	46 CFR 131.920 & 126.220 46 CFR 15 Subpart D & E 46 USC 81, 83 & 87	
CD01.3	Validate number of offshore workers authorized	46 CFR 126.170 46 CFR 126.220	
CD01.4	Validate route(s) and service	46 CFR 126.220	
CD01.5	Validate fire fighting and lifesaving equipment	46 CFR 126.220	
CD01.6	Validate cargo carriage	46 CFR 126.460 46 CFR 125.110-.130	
CD01.7	Review amendment(s)	46 CFR 126.270 MSM II/A.3.J	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of a COI's nomenclature, purpose and how to use the information contained therein.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD02 Review Certificate of Documentation (COD)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 46, Code of Federal Regulations Part 67 Documentation of Vessels

Steps		References	Initials
CD02.1	Verify presence of original	46 CFR 67.313	
CD02.2	Verify contact information is correct	46 CFR 67.321	
CD02.3	Verify endorsement(s) for current service(s)	46 CFR 67.17 46 CFR 67.19	
CD02.4	Confirm renewal of endorsement	46 CFR 67.163 46 CFR 67.7	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD03 Examine stability letter, book and loading criteria**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels

Steps		References	Initials
CD03.1	Verify presence of current stability documents	46 CFR 127.230 46 CFR 170.105 - .140 (Subpart D) 46 CFR 131.930	
CD03.2	Determine if any modifications or alterations have occurred	46 CFR 126.150	
CD03.3	Verify modifications or alterations are addressed in current stability Letter or Book	46 CFR 126.150	
CD03.4	Verify tonnage arrangement is in compliance with stability documents	46 CFR 126.150	
CD03.5	Verify stability requirements are documented	46 CFR 131.513	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to review them. During the inspection It is very important to verify that the crew is familiar with the letter, book and loading criteria. Also, if any repairs and/or weight additions have been made that consideration was given to their impact on stability/loading criteria and changes made to those documents, if necessary.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD04 Review Load Line Certificate (International (ILLC) / Coastwise)**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
2. International Convention on Load Lines (ICLL) 1966, as amended
3. CG-5212 Load Line Policy Notes (Rev. 22Sep2008)

Steps		References	Initials
CD04.1	Verify presence and type	ICLL Article 16 46 CFR 42.03-5	
CD04.2	Verify validity	ICLL Article 15 ICLL Article 19	
CD04.3	Verify proper certificate form	ICLL Article 18 46 CFR 42.07-45(e)	
CD04.4	Confirm load line observed on hull (Task DA-02) matches certificate	ICLL I/9 46 CFR 42.07-5	
CD04.5	Verify presence and information contained in the Load Line Survey is valid	46 CFR 42.07-35 g & h 46 CFR 42.09-1(c) & -15(a) CG-5212 Policy Notes 5.c	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required). Trainee shall know and understand what constitutes a Load Line Survey and what information is contained within the document. In addition, demonstrate an understanding of how this information is used to determine the proper placement of the load line markings on the vessel.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD05 Review Merchant Mariner Credentials (MMCs), Medical Certificates & Transportation Worker Identification Credential (TWIC)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Parts 10, 11, 15 and 131
 2. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services
 3. NVIC 03-99 GMDSS and EPIRB Equipment Requirements for Commercial Vessels
 4. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended & Medical Examination (seafarers) Convention, 1946 (No. 73) and abbreviated as (ILO-147, Con. 73)
 6. NVIC 01-14 Guidance on the Issuance of Medical Certificates

Steps		References	Initials
CD05.1	Ensure MMCs, including STCW endorsements, meet COI manning requirements	46 CFR 131.920 46 CFR 15.515 STCW I/2.6	
CD05.2	Verify presence of original MMCs	46 CFR 10.205 46 CFR 131.955	
CD05.3	Verify Radar Operator endorsement	46 CFR 131.920 46 CFR 15.815 46 CFR 11.480	
CD05.4	Verify TWIC	46 CFR 10.203	
CD05.5	Verify Radio Officer/Global Maritime Distress and Safety System (GMDSS) operator endorsements	46 CFR 11.603 47 CFR 80.155 & .1073 STCW IV/2	
CD05.6	Examine Medical Certificates	46 CFR 10.301, 15.401 NVIC 01-14 STCW I/9.3 & .5 & ILO-147, Con. 73	
CD05.7	Verify number of GMDSS Operators	47 CFR 80.1073 SOLAS 14 IV/16 NVIC 03-99	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of mariner credential's, their purpose and how to use the information contained therein.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD06 Inspect compliance of drug and alcohol program**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 46, Code of Federal Regulations Part 4 Marine Casualties & Investigations
2. Title 46, Code of Federal Regulations Part 16 Chemical Testing

Steps		References	Initials
CD06.1	Verify compliance with required Employee Assistance Program (EAP), including education and training	46 CFR 16.401(a) 46 CFR 16.401(b)	
CD06.2	Verify presence and currency of drug and alcohol testing equipment	46 CFR 4.06-15	
CD06.3	Verify training of designated testing equipment crewmen	46 CFR 4.06-20(a)(3) 46 CFR 4.06-20(b)	
CD06.4	Verify crew are enrolled in a drug testing program	46 CFR 16.210 46 CFR 16.230	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the Coast Guard's Drug and Alcohol Program and its requirements.**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD07 Review International Noxious Liquid Substance Certificate (International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances (NLS) in Bulk or Certificate of Fitness (COF)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 125 OSVs - General
 2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 3. International Code for the Construction & Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
 4. CG-ENG Policy Letter 03-12 Implementation of IMO Resolution A.673(16), Guidelines for the Transport and Handling of Limited Amounts of Hazardous and Noxious Liquid Substances in Bulk on New and Existing U.S. Offshore Supply Vessels

Steps		References	Initials
CD07.1	Verify vessel particulars	MARPOL II/ Appendix III	
CD07.2	Verify vessel COI authorizes carriage	CG-ENG Policy Ltr 03-12/1.5	
CD07.3	Verify carriage is identified IAW IBC Code	MARPOL II/11 IBC Code 17 CG-ENG Policy Ltr 03-12	
CD07.4	Verify carriage identified by tank numbers and locations	MARPOL II/ Appendix III	
CD07.5	Verify carriage identified by pollution category	MARPOL II/ Appendix III.4	
CD07.6	Verify standard of damage (COF)	IBC Code 2.8.2	
CD07.7	Verify exemptions or compliance to guidelines	MARPOL II/4	
CD07.8	Verify any extension, renewal or change in anniversary date endorsements	MARPOL II/8	
CD07.9	Verify Tank Plan and additional NLS cargoes identified in Cargo Record Book	46 CFR 125.120(c)(3) MARPOL II/15.1 CG-ENG Policy Ltr 03-12/4.1	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD08 Examine maintenance and service records (life saving & fire fighting)**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
3. International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended

Steps		References	Initials
CD08.1	Review fire fighting service reports	46 CFR 132.350 SOLAS 14 II-2/14.2.2	
CD08.2	Review lifesaving service report(s)	46 CFR 133.45 SOLAS 14 III/20.8.1	

Verifying Officer Guidance: Trainee should know and understand the importance of maintenance and service records including how to properly review and confirm the validity of a third party servicing report. It is also very important to confirm that all equipment has been properly reinstalled after any examination, tests and/or repairs.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD09 Examine muster lists and emergency instructions (additional steps found in LS cards)

Condition: *While validating certificates and documents*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References: 1. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CD09.1	Verify muster lists and emergency instructions are available	46 CFR 133.80 & .90 SOLAS 14 III/8.2	
CD09.2	Verify muster lists and emergency instructions are posted	46 CFR 133.80 & .90 SOLAS 14 III/8.3	
CD09.3	Verify information on muster lists and emergency instructions	46 CFR 133.80 & .90 SOLAS 14 III/37.3-6	

Verifying Officer Guidance: *Trainee shall know and understand the purpose, format, contents and how to use the information contained therein.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD10 Review International Safety Management, Document of Compliance (DOC) and Safety Management Certificate (SMC)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 96 Rules for the Safe Operation of Vessels & Safety Management Systems
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
3. International Safety Management (ISM) Code, 2014
4. IMO Res A.1118 (30) Revised Guidelines on the Implementation of the International Safety (ISM) Code by Administrations

Steps		References	Initials
CD10.1	Verify presence of DOC (copy)	33 CFR 96.330(a) SOLAS 14 IX/4.2 ISM Code B/13.6	
CD10.2	Verify DOC identifies company and vessel type	33 CFR 96.330(e) ISM Code B/13.3 IMO Res A.1118 (30)	
CD10.3	Verify DOC validity with annual verifications	33 CFR 96.330(f) ISM Code B/13.4	
CD10.4	Verify presence of SMC	33 CFR 96.340(d) SOLAS 14 IX/4.3 ISM Code B/13.7 & IMO Res A.1118(30)	
CD10.5	Verify vessel particulars listed on SMC match DOC	ISM Code Appendix	
CD10.6	Verify intermediate verification or additional verifications are complete	33 CFR 96.340.(e) IMO Res A.1118 (30) ISM Code B/13.8	
CD10.7	Verify extension or renewal endorsements	33 CFR 96.340(f) IMO Res A.1118 (30) ISM Code B/13.13	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD11 Review Classification Society Document/Certificates**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 2. NVIC 10-82 Ch-2 Acceptance of Plan Review & Inspection Tasks Performed by the American Bureau of Shipping (ABS) for New Construction or Major Modification of U.S. Flag Vessels
 3. NVIC 02-95 Ch-2 The Alternate Compliance Program (ACP)

Steps		References	Initials
CD11.1	Verify validity	SOLAS 14 I/6 NVIC 02-95 NVIC 10-82	
CD11.2	Verify endorsements (notations)	SOLAS 14 I/6 NVIC 02-95 NVIC 10-82	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s)/documents(s) especially with regards to issuance, periods of validity and proper endorsements (if required). NVIC 10-82 Ch-2 discusses which certificates may be issued by ABS on our behalf.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD12 Review International Anti-Fouling System (IAFS) certificate with Record of Anti-Fouling System

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. International Convention on the Control of Harmful Anti-Fouling Systems on Ships (AFS), 2001
 2. IMO Resolution MEPC.195(61) 2010 Guidelines for Survey and Certification of Anti-Fouling Systems on Ships
 3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
CD12.1	Verify vessel particulars	IMO Res MEPC.195(61) 4	
CD12.2	Verify COI has Anti-Fouling endorsement or, if not required, IAFS Certificates	MSM II/B.3.J	
CD12.3	Verify identification of applied Anti-Fouling System	AFS Articles 3 & 4 AFS Annex 1-3	
CD12.4	Verify vessel particulars on Record of Anti-Fouling Systems	IMO Res MEPC.195(61) 4.1 MSM II/B.3.J	
CD12.5	Verify Anti-Fouling Systems details provided	IMO Res MEPC.195(61) 4.2 & 5	
CD12.6	Verify that no change in Anti-Fouling System has occurred since issuance of IAFS Certificates	IMO Res MEPC.195(61) 5.2 MSM II/B.3.J	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD13 Review Cargo Ship Safety Construction Certificate (CSSCC)**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CD13.1	Verify vessel particulars	SOLAS 14 I/15	
CD13.2	Verify ship type is accurate	SOLAS 14 I/12(a)(ii)	
CD13.3	Verify presence of previous two dry dock examinations and endorsements	SOLAS 14 I/10(a)(v)	
CD13.4	Verify any extension, renewal or change in anniversary date endorsements	SOLAS 14 I/14	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD14 Review Cargo Ship Safety Equipment Certificate (CSSEC) & Form E (Record of Equipment)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
CD14.1	Verify vessel particulars	SOLAS 14 I/12(a)(iii) SOLAS 14 I/15	
CD14.2	Verify ship type is accurate	SOLAS 14 I/12(a)(iii)	
CD14.3	Verify alternate design or arrangement (fire safety)	SOLAS 14 II-2/17	
CD14.4	Verify if an exemption certificate has been issued	SOLAS 14 I/4	
CD14.5	Verify annual, intermediate, renewal or hull inspection extension endorsements	SOLAS 14 I/10	
CD14.6	Verify record of equipment matches issued COI for quantities of life-saving appliances	MSM II/A.3.H SOLAS 14 I/12(a)(iii)	
CD14.7	Verify record of equipment accurately captures navigational systems and equipment installation	SOLAS 14 I/12(a)(iii) SOLAS 14 V/19	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD15 Review Cargo Ship Safety Radio Certificate (CSSRC) & Form R (Record of Equipment) (when applicable)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CD15.1	Verify presence	46 CFR 2.01-25(a)(4) SOLAS 14 I/9 & 12(4) SOLAS 14 I/15	
CD15.2	Verify validity	SOLAS 14 I/9(a) SOLAS 14 I/14	
CD15.3	Verify vessel particulars	SOLAS 14 I/9(a)	
CD15.4	Verify proper Sea Area identified	SOLAS 14 IV/6	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD16 Review International Ships Security Certificate (ISSC) & Continuous Synopsis Record (CSR)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Ship & Port Facility Security (ISPS) Code, 2012

Steps		References	Initials
CD16.1	Verify vessel particulars	SOLAS 14 XI-1/5.5.2 ISPS Code A/19.2.4	
CD16.2	Verify Company name and address match International Safety Management documents	SOLAS 14 XI-1/5.3	
CD16.3	Verify ISSC endorsement and type with date (initial, renewal, intermediate & extension).	ISPS Code A/19 ISPS Code A/19.1.1 ISPS Code A/19.3.4	
CD16.4	Verify CSR is present and valid	SOLAS 14 XI-1/5.1 SOLAS 14 XI-1/5.3 SOLAS 14 XI-1/5.4.1-4.3	
CD16.5	Verify CSR information matches ISSC	SOLAS 14 XI-1/5.3	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD17 Review International Oil Pollution Prevention Certificate (IOPP) and Form A (Supplement)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
CD17.1	Verify vessel particulars	MARPOL I/9	
CD17.2	Verify vessel type is accurate	MARPOL I/2.1-2.4 MARPOL I/9	
CD17.3	Verify annual, intermediate, extension renewal, or change in anniversary date	33 CFR 151.17 MARPOL I/6	
CD17.4	Verify record of construction and equipment	33 CFR 151.19(b)(4) MARPOL I/9	
CD17.5	Verify control requirements for machinery bilge and fuel oil tanks identified	MARPOL I/14 MARPOL I/16	
CD17.6	Verify retention and disposal requirements for oily bilge water holding tanks	MARPOL I/12	
CD17.7	Verify standard discharge connection requirement	33 CFR 155.430 MARPOL I/13	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required). There is a CVC-approved Process Guide (01Jul13) that should be used when preparing/reviewing an IOPP certificate and supplement.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD18 Review International Air Pollution Prevention Certificate (IAPP) and Supplement Record of Construction and Equipment

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 2. CG-CVC Policy Letter 12-04 Guidelines for Compliance and Enforcement of the Emission Control Areas Established within the U.S. Jurisdiction as Designated in MARPOL VI/14
 3. Title 40, Code of Federal Regulations Part 1043 Control of NO_x, SO_x & PM Emissions from Marine Engines & Vessels Subject to the MARPOL Protocol

Steps		References	Initials
CD18.1	Verify vessel particulars	MARPOL VI/8 & App I	
CD18.2	Verify annual, intermediate, renewal, repair and extension endorsements and/or change in anniversary date	MARPOL VI/5 MARPOL VI/6 MARPOL VI/8	
CD18.3	Verify ozone depleting substances identified	MARPOL VI/12	
CD18.4	Verify Nitrogen Oxide emission sources identified	40 CFR 1043.10 MARPOL VI/13	
CD18.5	Verify Sulphur Oxide (fuel oil) requirements identified	40 CFR 1043.10 MARPOL VI/14 CG-CVC Policy Ltr 12-04	
CD18.6	Verify incinerator installation identified	40 CFR 1043.10 MARPOL VI/16	
CD18.7	Verify validity of alternatives or equivalents	MARPOL VI/4	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD19 Review Engine International Air Pollution Prevention (EIAPP) Certificate

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
2. CG-543 Policy Letter 09-01 Guideline for Ensuring Compliance with Annex VI, MARPOL 73/78

Steps		References	Initials
CD19.1	Verify applicability	MARPOL VI/13.1.1-1.3 CG-543 Policy Ltr 09-01	
CD19.2	Verify presence	MARPOL VI/8 CG-543 Policy Ltr 09-01	
CD19.3	Verify duration and validity	MARPOL VI/9 CG-543 Policy Ltr 09-01	
CD19.4	Verify engines identified and no changes have been made	MARPOL VI/13.1.1	
CD19.5	Verify Statement of Compliance (issued by Manufacturer) is accompanied by EPA issued EIAPP	CG-543 Policy Ltr 09-01 5.b.i	
CD19.6	Verify each engine required to comply with the NOx requirements have the corresponding EPA Approved Technical File	CG-543 Policy Ltr 09-01 5.b.ii	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD20 Verify compliance with Vessel General Permit (VGP)

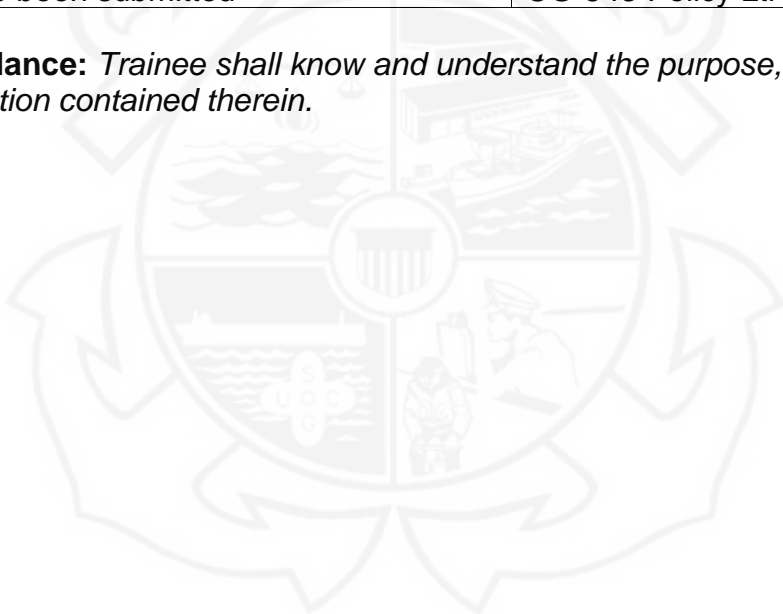
Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. EPA Vessel General Permit for Discharges Incidental to the Normal Operation of Vessels (VGP), 2013
 2. CG-543 Policy Letter 11-01 Guidelines for CG Evaluations of Compliance with the EPA's Vessel General Permit

Steps		References	Initials
CD20.1	Verify Notice of Intent (NOI) has been submitted	CG-543 Policy Ltr 11-01 Encl 1 VGP 1.5.1.1 & 10	
CD20.2	Verify compliance with ballast water record keeping requirements	VGP 4.3 CG-543 Policy Ltr 11-01	
CD20.3	Verify noncompliance & reportable quantity reports have been submitted	VGP 4.4.1 - 4.4.4 CG-543 Policy Ltr 11-01	

Verifying Officer Guidance: *Trainee shall know and understand the purpose, format, contents and how to use the information contained therein.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD21 Review Certificate of Financial Responsibility (COFR) (when applicable)

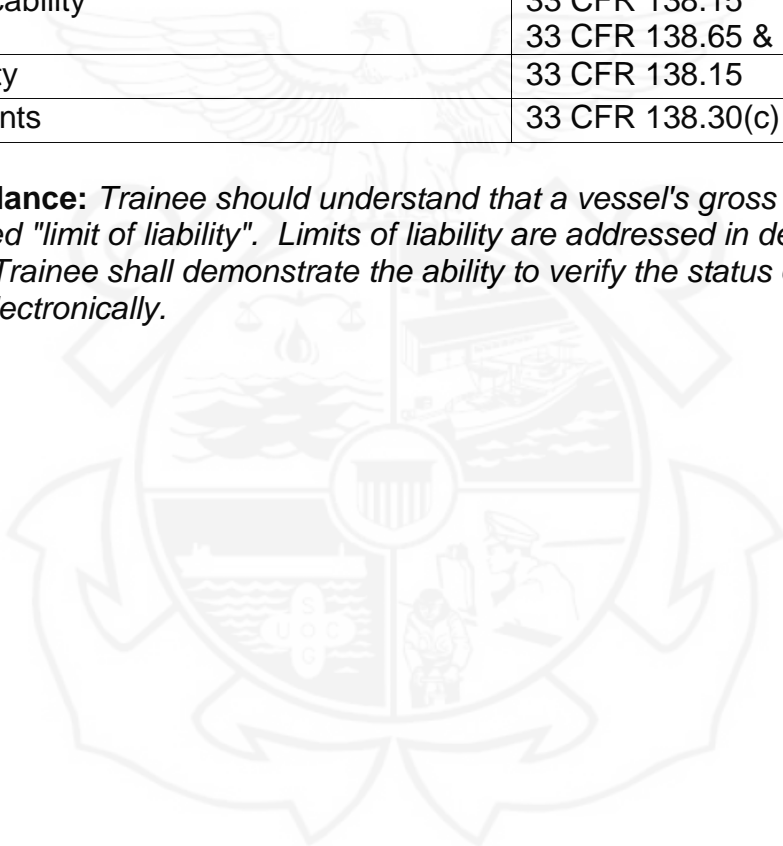
Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 33, Code of Federal Regulations Part 138 Financial Responsibility for Water Pollution & OPA 90 Limits of Liability

Steps		References	Initials
CD21.1	Verify applicability	33 CFR 138.15 33 CFR 138.65 & .70	
CD21.2	Verify validity	33 CFR 138.15	
CD21.3	Verify contents	33 CFR 138.30(c)	

Verifying Officer Guidance: Trainee should understand that a vessel's gross tonnage plays a role in determining the required "limit of liability". Limits of liability are addressed in detail in 33 CFR 138.80 and 33 CFR 138.230. Trainee shall demonstrate the ability to verify the status of the COFR via telephone as well as electronically.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Compliance

Certificates and Documents (CD)

All OSVs

Task: OI-CD22 Review Tonnage Certificate (International (ITC) / Domestic)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 69 Measurement of Vessels
 2. International Convention on Tonnage Measurement of Ships (ICTM), 1969
 3. NVIC 11-93 Ch-3 Applicability of Tonnage Measurement Systems to U.S. Flag Vessels

Steps		References	Initials
CD22.1	Verify validity	46 CFR 69.3 46 CFR 69.69	
CD22.2	Verify correct measurement system	46 CFR 69.11 NVIC 11-93	
CD22.3	Verify vessel particulars remain valid	46 CFR 69.55 46 CFR 69.105 ICTM Article 3.2	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required). Trainee should read NVIC 11-93 Ch-3 very closely as it provides requirements regarding the applicability of tonnage measurement systems to U.S. flag vessels. The "Discussion" section provides good amplifying information. Pay particular attention to the definition of Convention Measurement System and Regulatory Measurement System - found in Section 2. It is also important to be familiar with the information/tables in Sections 3 & 4.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD23 Review Federal Communications Commission Bridge-to-Bridge Certificate (when applicable)

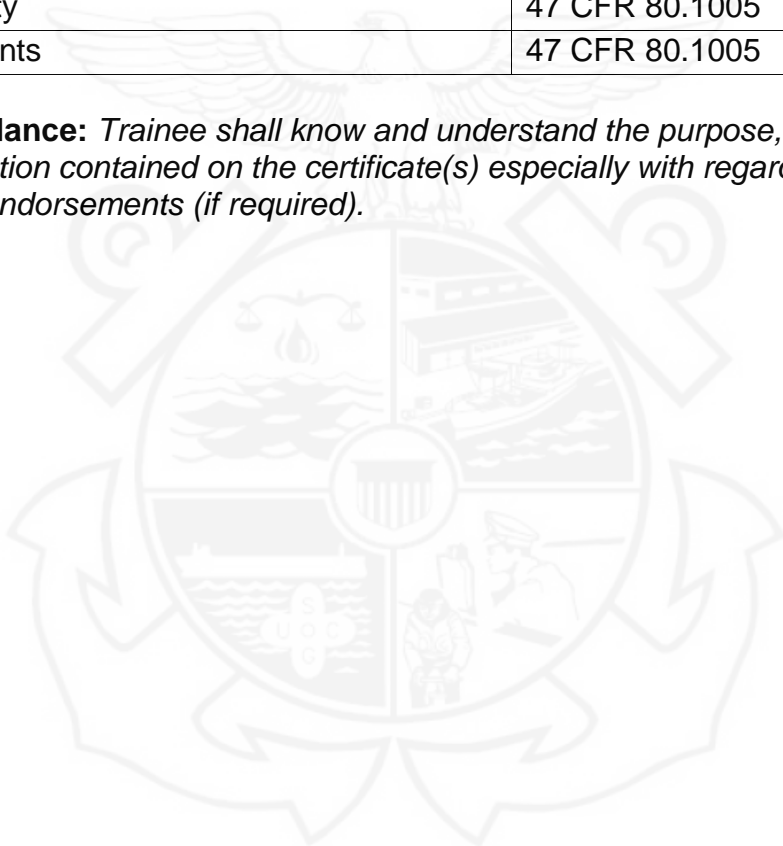
Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services

Steps		References	Initials
CD23.1	Verify presence	47 CFR 80.1001	
CD23.2	Verify validity	47 CFR 80.1005	
CD23.3	Verify contents	47 CFR 80.1005	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs****Task:** OI-CD24 Review Federal Communications Commission Station License**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services

Steps		References	Initials
CD24.1	Verify presence	47 CFR 80.13	
CD24.2	Verify validity	47 CFR 80.25	
CD24.3	Verify contents	47 CFR 80.99 47 CFR 80.405	
CD24.4	Verify that other classes of onboard equipment are authorized for operation	47 CFR 80.17	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the license especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD25 Review Federal Communications Commission Safety Radiotelephony Certificate

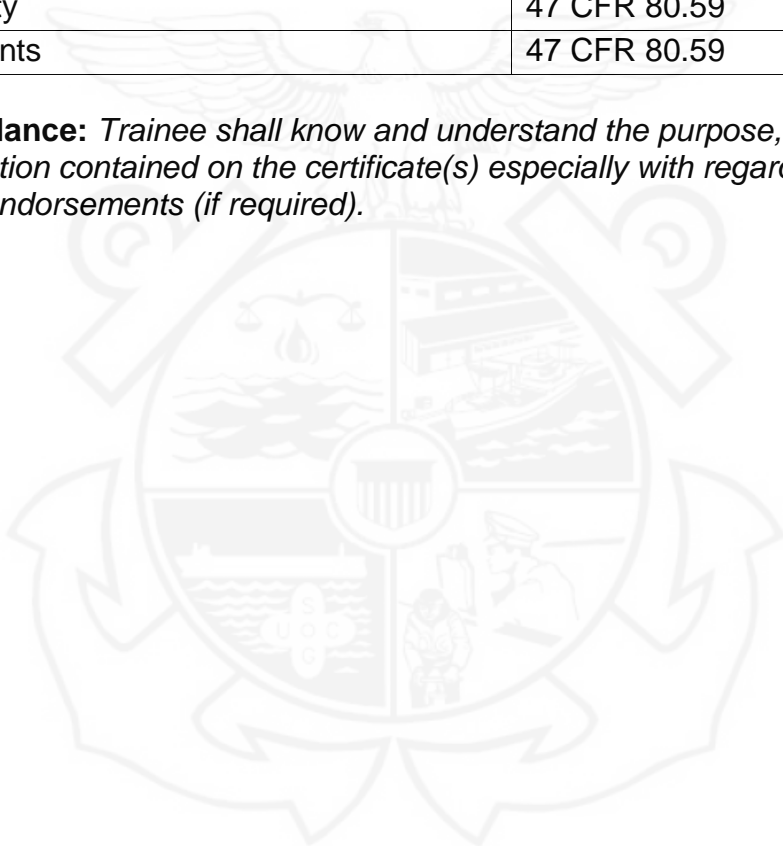
Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services

Steps		References	Initials
CD25.1	Verify presence	47 CFR 80.59 (a)(2)	
CD25.2	Verify validity	47 CFR 80.59	
CD25.3	Verify contents	47 CFR 80.59	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Certificates and Documents (CD)****All OSVs**

Task: OI-CD26 Review International Energy Efficiency (IEE) Certificate and Record of Construction

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 2. CG-CVC Policy Letter 13-02 MARPOL Annex VI International Energy Efficiency (IEE) Certificate Implementation Guidance
 3. IMO Resolution MEPC.203(62) Inclusion of Regulations on Energy Efficiency for Ships in MARPOL Annex VI

Steps		References	Initials
CD26.1	Verify applicability	MARPOL VI/6.4 CG-CVC Policy Ltr 13-02	
CD26.2	Verify presence	MARPOL VI/6.4 CG-CVC Policy Ltr 13-02	
CD26.3	Verify duration and validity	MARPOL VI/9.10-.11 CG-CVC Policy Ltr 13-02	
CD26.4	Verify vessel particulars	MARPOL VI/Appendix VIII	
CD26.5	Verify Energy Efficiency Design Index requirements	MARPOL VI/20 CG-CVC Policy Ltr 13-02 7.a	
CD26.6	Verify Ship Energy Efficiency Management Plan is identified	MARPOL VI/22 CG-CVC Policy Ltr 13-02 7.b	
CD26.7	Verify Technical File requirements are met	MARPOL VI/20.1.3 CG-CVC Policy Ltr 13-02 8.b	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained on the certificate(s) especially with regards to issuance, periods of validity and proper endorsements (if required).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Certificates and Documents (CD)

All OSVs

Task: OI-CD27 Review Statement of Voluntary Compliance, MARPOL Annex IV (Sewage)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 159 Marine Sanitation Devices
 2. NVIC 01-09 Voluntary Compliance with International Sewage Regulations in Annex IV to MARPOL 73/78
 3. IMO Resolution MEPC.284.(70) Amendments to the 2012 Guidelines on Implementation of Effluent Standards and Performance Tests for Sewage Treatment Plants (RESOLUTION MEPC.227(64))
 4. IMO Resolution MPEC 157.(55) Recommendation on Standards for the Rate Of Discharge of Untreated Sewage from Ships

Steps		References	Initials
CD27.1	Verify vessel particulars	NVIC 01-09 Encl 3	
CD27.2	Verify system's compliance type	33 CFR 159.51-131 NVIC 01-09 Encl 1 IMO Res MEPC.284(70)	
CD27.3	Verify Discharge Rate (draft & speed chart) identified	33 CFR 159.57 NVIC 01-09 IMO Res MEPC.157(55)	
CD27.4	Verify endorsements (extension or renewal)	NVIC 01-09 Encl 3	

Verifying Officer Guidance: *Trainee shall know and understand the purpose, format, contents and how to use the information contained therein. Trainee shall know and understand the approved systems and the differences between them. Trainee shall have a working knowledge of all of the approved systems and differences between them. Trainees shall also demonstrate the ability to verify vessel's compliance with approved discharge rates.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM01 Verify compliance with STCW watchkeeping standards**Condition:** During bridge inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended
2. COMDTINST M16000.8B Marine Safety Manual Volume III Marine Industry Personnel

Steps		References	Initials
LM01.1	Review watchstanding schedules	STCW VIII STCW A-VIII/2 MSM Volume III, B.5	
LM01.2	Verify compliance with standing orders and other special instructions	STCW A-VIII/2	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of STCW regulations, log/manual nomenclature, purpose and how to use the information contained therein. There are many helpful NVICs that have been issued in 2014 that provide Guidelines for Qualification for STCW Endorsements. Trainees should be aware that these exist and at least be familiar with their general content. Trainee shall have a working knowledge of the requirements found in 46 CFR Par 15, Subpart K (.1101-.1113).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM02 Review logbook**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, United States Code § 11302 Official Logbooks - Manner of Making Entries
 2. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 3. Title 46, Code of Federal Regulations Part 4 Marine Casualties & Investigations
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services
 6. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
LM02.1	Verify log entries	46 CFR 131.610 & .620(b) 33 CFR 164.25 SOLAS 14 V/26	
LM02.2	Verify EPIRB tests are logged	46 CFR 131.565(b) 47 CFR 80.1099(f)(2) 47 CFR 80.1105(k)	
LM02.3	Verify sanitary inspections are logged	46 CFR 131.515	
LM02.4	Verify drills are logged	46 CFR 131.530(e) 46 CFR 131.535(e) SOLAS 14 III/19.5	
LM02.5	Verify casualties are logged	46 CFR 131.110 46 CFR 4.05-15	
LM02.6	Verify applicable signatures	46 USC 11302	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel log format, purpose and how to use the information contained therein to properly verify that the OSV is completing the log entries as required.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM03 Review radio logs**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
2. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services

Steps		References	Initials
LM03.1	Determine applicability of requirements	46 CFR 130.210 47 CFR 80.409 47 CFR 80.1075	
LM03.2	Verify vessel's information marked on log	47 CFR 80.409(a)(3)	
LM03.3	Verify required entries are documented	47 CFR 80.409(f) 47 CFR 80.1075 & 1099(f)(2) 47 CFR 80.1105(k)	
LM03.4	Verify corrections are documented	47 CFR 80.409(a)(2)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel log format, purpose and how to use the information contained therein to properly verify that the OSV is completing the log entries as required.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM04 Review lifesaving equipment maintenance record**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
LM04.1	Review liferaft records	46 CFR 131.580 46 CFR 131.545 SOLAS 14 III/20 & 36	
LM04.2	Review lifeboat records	46 CFR 131.545 SOLAS 14 III/20 SOLAS 14 III/36	
LM04.3	Review rescue boat records	46 CFR 131.545 SOLAS 14 III/20 SOLAS 14 III/36	
LM04.4	Review records for davits, falls & winches	46 CFR 131.550 46 CFR 131.570 46 CFR 131.620	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel log format, purpose and how to use the information contained therein in order to properly verify maintenance is being completed.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM05 Review abandon ship and fire fighting training manual

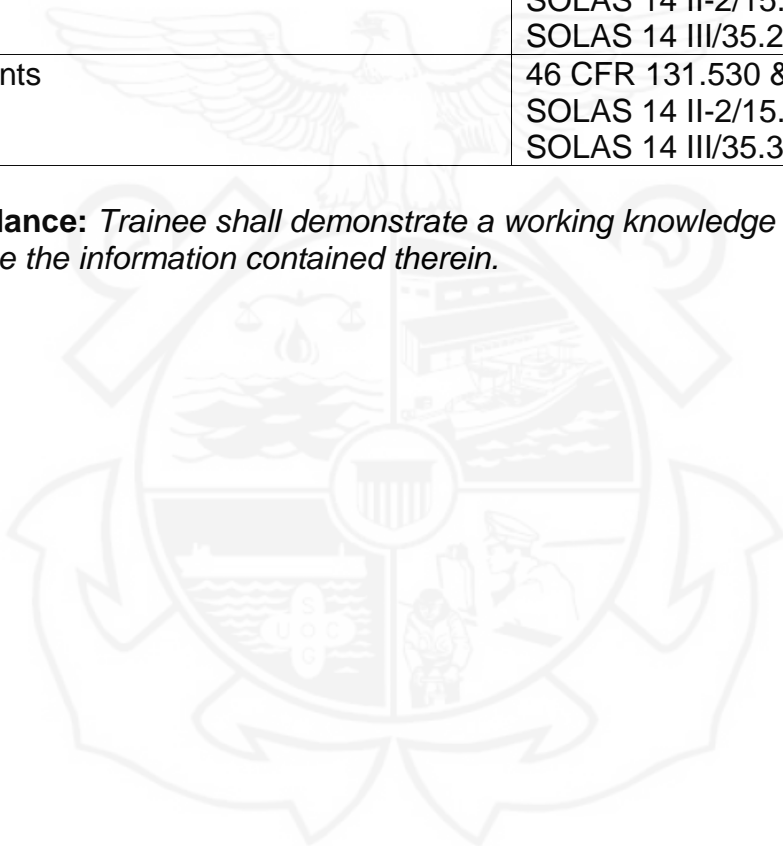
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
LM05.1	Verify location	46 CFR 131.530 & .535 SOLAS 14 II-2/15.2.3 SOLAS 14 III/35.2	
LM05.2	Verify contents	46 CFR 131.530 & .535 SOLAS 14 II-2/15.2.3.3 SOLAS 14 III/35.3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel log format, purpose and how to use the information contained therein.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM06 Review cargo securing manual**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO Resolution A.714(17) Code of Safe Practice for Cargo Stowage and Securing as amended by MSC/Circ.1026
3. NVIC 10-97 Guidelines for Cargo Securing Manual Approval
4. IMO MSC.1/Circ. 1353 Revised Guidelines for the Preparation of the Cargo Securing Manual

Steps		References	Initials
LM06.1	Verify presence	SOLAS 14 VI/5.6 NVIC 10-97	
LM06.2	Review contents	SOLAS 14 VI/5.6 IMO MSC.1/Circ. 1353, Res A.714(17) as amended NVIC 10-97	
LM06.3	Verify approval	IMO Res A.714(17) as amended	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel log format, purpose and how to use the information contained therein in order to confirm that all cargo is stored correctly.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM07 Examine Waste/Garbage Management Plan

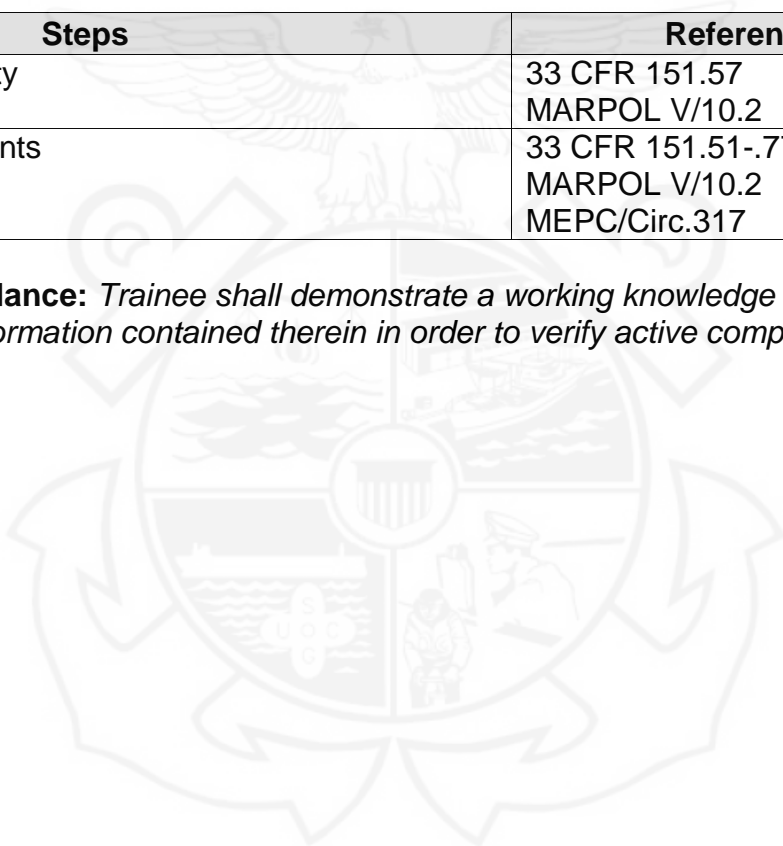
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 3. MEPC/Circ.317 Guidelines for the Development of Garbage Management Plans

Steps		References	Initials
LM07.1	Verify validity	33 CFR 151.57 MARPOL V/10.2	
LM07.2	Verify contents	33 CFR 151.51-.77 MARPOL V/10.2 MEPC/Circ.317	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of plan format, purpose and how to use the information contained therein in order to verify active compliance.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM08 Examine Garbage Record Book

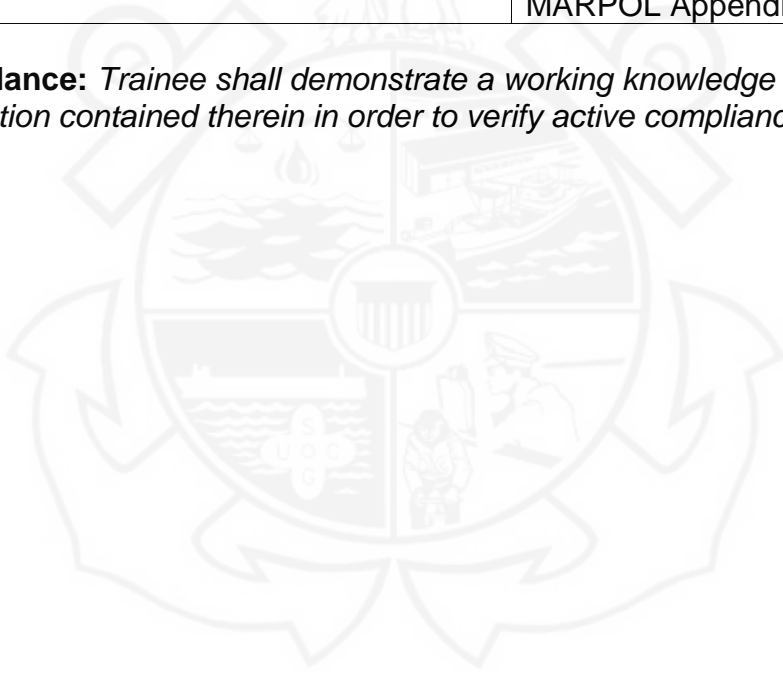
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
LM08.1	Verify validity	33 CFR 151.55 MARPOL V/10.3	
LM08.2	Verify contents	33 CFR 151.55 MARPOL V/10.3 MARPOL Appendix to Annex V	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of format, purpose and how to use the information contained therein in order to verify active compliance.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM09 Review Oil Record Book (ORB)**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. Title 46, Code of Federal Regulations Part 184 SPV-T - Vessel Control & Miscellaneous Systems & Equipment
 3. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 4. IMO Resolution MEPC.187(59) Amendments to the Annex of the Protocol of 1978 Relating to the International Convention for the Prevention of Pollution from Ships, 1973

Steps		References	Initials
LM09.1	Verify edition of ORB	33 CFR 151.25(b) IMO MEPC.187(59)	
LM09.2	Verify required signatures	33 CFR 151.25(h)	
LM09.3	Verify required entries	46 CFR 184.702 33 CFR 151.25(h) MARPOL I/Appendix III	
LM09.4	Compare overboard discharge rate entries with filtering equipment data plate or supplement to IOPP certificate	MARPOL I/7 MARPOL I/Appendix II	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of format, purpose and how to use the information contained therein in order to verify active compliance. The Trainee shall demonstrate a working knowledge of the format, purpose, and parts of the Oil Record Book. Additionally, the Trainee shall also have a working knowledge of the Coded Entries for the various Parts of the Oil Record Book based upon compliance requirements identified in MARPOL and any other IMO issued MEPC.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM10 Review Shipboard Oil Pollution Emergency Plan (SOPEP)

Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
LM10.1	Verify applicability	46 CFR 131.935 33 CFR 151.09 MARPOL I/2	
LM10.2	Verify approval	33 CFR 151.27 MARPOL I/37.1	
LM10.3	Verify annual review	33 CFR 151.28(a) 33 CFR 151.28(d)	
LM10.4	Verify plan organization	33 CFR 151.26(b)(8)	
LM10.5	Verify combination plan	MARPOL I/37.3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of SOPEP's format, purpose and how to use the information contained therein in order to verify active compliance. As stated in Step LM10.5, a vessel may have an independent SOPEP or it may be combined with a SMPEP in a "combination plan".

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM11 Review Non-Tank Vessel Response Plan (NTVRP)

Condition: While validating logs and manuals in ships office

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, United States Code § 1321 Oil & Hazardous Substance Liability
 2. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. NVIC 01-05 Interim Guidance for the Development and Review of Response Plans for Non Tank Vessels Ch 1
 5. NVIC 01-05 Ch 1 Interim Guidance for the Development and Review of Response Plans for Non Tank Vessels

Steps		References	Initials
LM11.1	Verify applicability	46 CFR 131.935 33 USC 1321(a)(26) 33 CFR 155.5015	
LM11.2	Verify approval	33 USC 1321(j)(5)(F)(i) 33 CFR 155.5065	
LM11.3	Verify annual reviews and information is accurate	33 USC 1321(j)(5)(D) 33 CFR 155.5070 NVIC 01-05 & 01-05 Ch 1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of an NTVRP's format, purpose and how to use the information contained therein in order to verify active compliance.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM12 Examine ballast water management documents**Condition:** While validating certificates and documents**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. NVIC 07-04 Ch-1 Ballast Water Management for the Control of Aquatic Nuisance Species in the Waters of the United States
 3. NVIC 01-18 Ballast Water Management for Control of Non-Indigenous Species in Waters of the United States

Steps		References	Initials
LM12.1	Verify plan	33 CFR 151.2050(g) NVIC 07-04 Ch-1	
LM12.2	Verify reporting	33 CFR 151.2060 NVIC 01-18	
LM12.3	Verify records	33 CFR 151.2070 NVIC 01-18	

Verifying Officer Guidance: Trainee shall know and understand the purpose, format, contents and how to use the information contained therein to properly verify active compliance. Trainee shall also know the various methods for compliance with the Ballast Water Management for the Control of Non-indigenous Species in Water of the US. Trainee shall also be knowledgeable in the use of the CG Ballast Water Management Job Aid (BWM Job Aid, 16 Aug 2017) and NVIC 01-18 specifically addressing Compliance Verification (Encl 1.D.8)

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM13 Verify oil and hazardous liquid transfer procedures

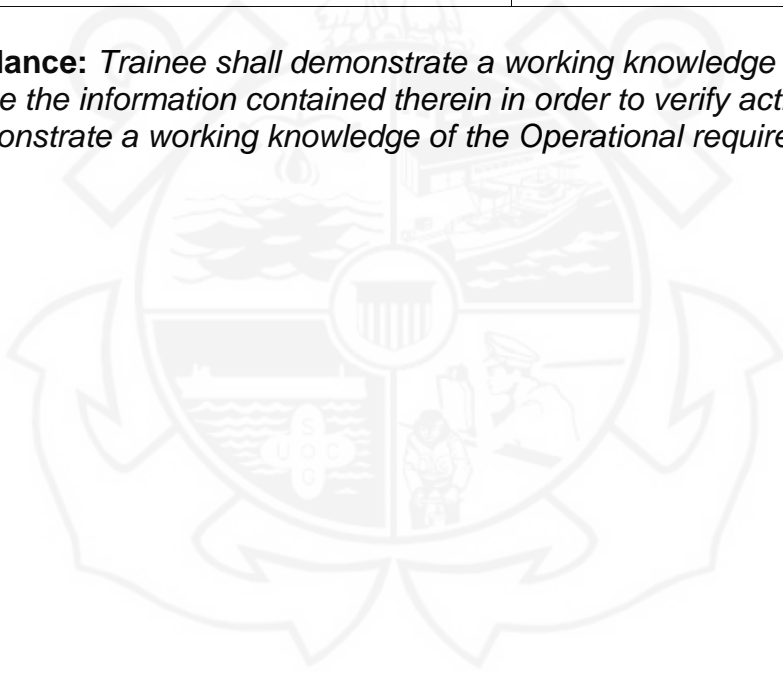
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
LM13.1	Verify presence	46 CFR 131.935 33 CFR 155.720	
LM13.2	Verify Person in Charge is identified	33 CFR 155.750(a)(4)	
LM13.3	Verify identity of applicable cargoes	33 CFR 155.750(a)(1)	
LM13.4	Verify contents	33 CFR 155.750	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of plan's format, purpose and how to use the information contained therein in order to verify active compliance. The Trainee shall also demonstrate a working knowledge of the Operational requirements identified in 33 CFR 156.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM14 Review Automation Test Procedures and Operations Manual

Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 5. NVIC 01-78 Automation of Offshore Supply Vessels of 100 Gross tons and over

Steps		References	Initials
LM14.1	Verify approval	46 CFR 130.480 46 CFR 127.110(f) NVIC 01-78	
LM14.2	Verify accuracy	46 CFR 130.480	
LM14.3	Review annual tests	46 CFR 130.480 46 CFR 61.40	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of test procedure format, layout, purpose and how to use the information contained therein. Trainee shall demonstrate a working knowledge of the requirements found in 46 CFR 128.110 (a thru c). The Trainee shall demonstrate a working knowledge of the limitation regarding Automation found in Subchapter L. Specifically addressing the requirements found in 128.110(a) & (b).

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM15 Examine Crane Record Book

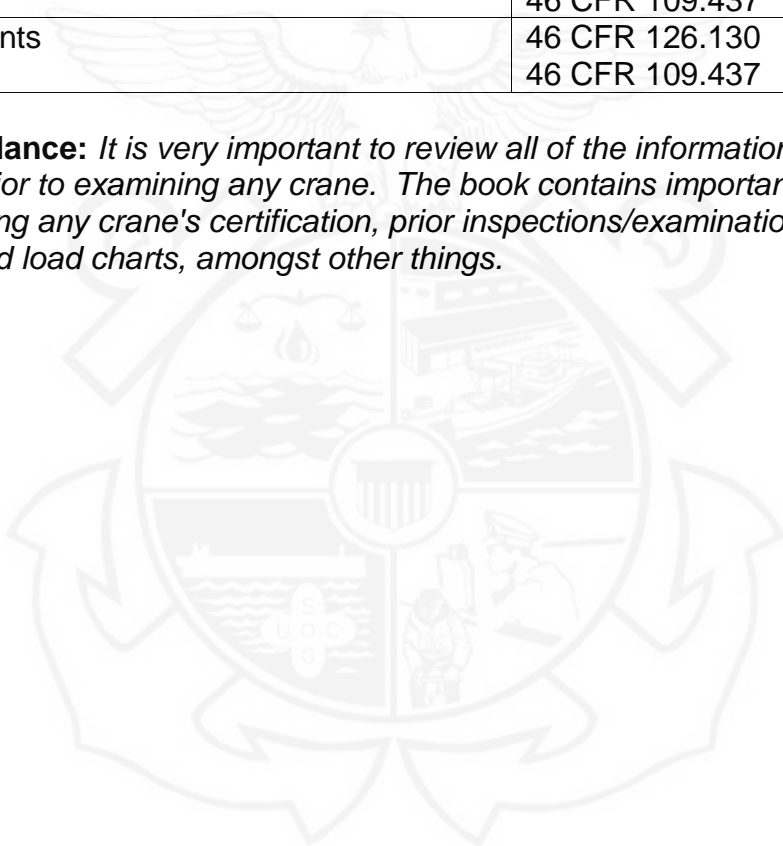
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 109 MODU Operations
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification

Steps		References	Initials
LM15.1	Verify presence	46 CFR 126.130 46 CFR 109.437	
LM15.2	Verify contents	46 CFR 126.130 46 CFR 109.437	

Verifying Officer Guidance: *It is very important to review all of the information contained in the Crane Record Book prior to examining any crane. The book contains important current and historical documentation regarding any crane's certification, prior inspections/examinations, load tests, repairs made, certifications and load charts, amongst other things.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All OSVs****Task:** OI-LM16 Review Shipboard Marine Pollution Emergency Plans (SMPEP)**Condition:** While validating logs and manuals**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
LM16.1	Verify presence	MARPOL II/17.1	
LM16.2	Verify validity	MARPOL II/17.1	
LM16.3	Verify combination plan	MARPOL II/17.3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of a SMPEP's format, purpose and how to use the information contained therein in order to verify active compliance. As stated in Step LM16.3, a vessel may have an independent SMPEP or it may be combined with a SOPEP in a "combination plan".

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Logs and Manuals Inspection (LM)

All OSVs

Task: OI-LM17 Review Procedures and Arrangements Manual (P&A)

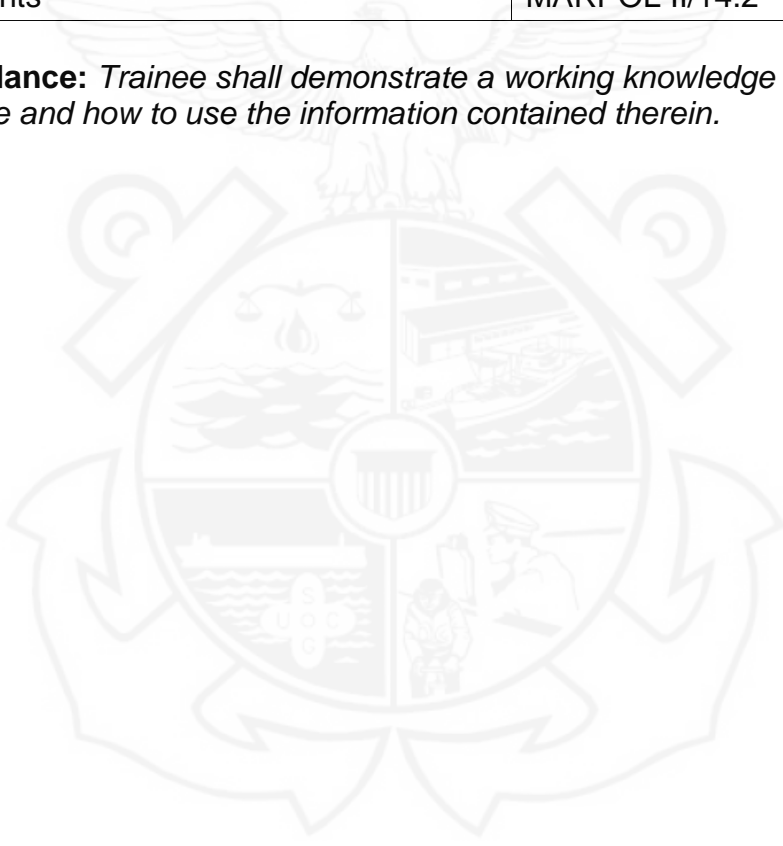
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
LM17.1	Verify presence	MARPOL II/14.1	
LM17.2	Verify contents	MARPOL II/14.2	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of test procedure format, layout, purpose and how to use the information contained therein.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Security (Domestic) Inspection (SD)

All OSVs

Task: OI-SD01 Review Vessel Security Plan (VSP) or Alternate Security Plan (ASP)

Condition: During security compliance inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Parts 101 & 104
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. International Ship & Port Facility Security (ISPS) Code, 2012
 4. NVIC 04-03 Guidance for Verification of Vessel Security Plans on Domestic Vessels
 5. NVIC 10-04 Guidelines for Handling of Sensitive Security Information (SSI), Parts 1 and 2
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
SD01.1	Verify presence of approval letter for plan type	33 CFR 104.105, .120 & .140 33 CFR 101.120(b) & (c) SOLAS 14 XI-2/4.2 & ISPS Code A/9.1	
SD01.2	Verify participation with sponsoring organizations	NVIC 04-03 Encl 6, 5, C.	
SD01.3	Verify plan is secured	33 CFR 104.400(c) ISPS Code A/9.7 NVIC 04-03	
SD01.4	Examine contents	33 CFR 104.405	
SD01.5	Verify amendment(s)	33 CFR 104.415(a)	
SD01.6	Verify implementation	33 CFR 101.120(b)(2) 33 CFR 104.140(c) & 400(a)	
SD01.7	Verify inspection(s)/deficiency(s) documentation	NVIC 10-04 Part 1 MSM II A.2.	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of plan format, purpose and how to use the information contained therein to confirm active compliance with the procedures outlined in the plan.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All OSVs****Task:** OI-SD02 Examine security records**Condition:** *During security compliance inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
3. International Ship & Port Facility Security (ISPS) Code, 2012
4. NVIC 04-03 Guidance for Verification of Vessel Security Plans on Domestic Vessels Chs 1, 2 & 3

Steps		References	Initials
SD02.1	Verify record(s) of security training	33 CFR 104.235(b)(1) SOLAS 14 XI-2/4.2 ISPS Code A/10.1.1	
SD02.2	Verify presence of Declarations of Security (DoS)	33 CFR 104.255 & .235(b)(7) ISPS Code A/5.7 NVIC 04-03	
SD02.3	Verify record(s) of security drills	33 CFR 104.235(b)(2) ISPS Code A/10.1.1	
SD02.4	Verify annual exercise has been conducted	33 CFR 104.235(b)(2) ISPS Code A/10.1.1	
SD02.5	Verify record(s) of annual audit	33 CFR 104.235(b)(8) ISPS Code A/10.1.6	
SD02.6	Verify VSA/SSA is reviewed and revalidated when VSP is submitted for reapproval or revisions	33 CFR 104.310(c) NVIC 04-03 Encl (2), 2.C & 2.D	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of format, purpose and how to use the information contained therein to ensure active compliance.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All OSVs****Task:** OI-SD03 Examine security equipment**Condition:** *During security compliance inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 33, Code of Federal Regulations Part 101 Maritime Security - General
2. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
4. International Ship & Port Facility Security (ISPS) Code, 2012
5. NVIC 04-03 Guidance for Verification of Vessel Security Plans on Domestic Vessels Chs 1, 2 & 3

Steps		References	Initials
SD03.1	Verify location of Ship Security Alert System	33 CFR 101.310 & 104.297 SOLAS 14 XI-2/6 ISPS Code A/9.4.17	
SD03.2	Verify maintenance records	33 CFR 104.235(b)(5) ISPS Code A/17 NVIC 04-03 Encl. 3 Section 10	
SD03.3	Verify operation	33 CFR 104.260(a) ISPS Code A/9.4.15 & 18 NVIC 04-03 Ch 2, Encl 5, Sec 14.	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and use.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Security (Domestic) Inspection (SD)

All OSVs

Task: OI-SD04 Evaluate crew's knowledge of security plan

Condition: During security compliance inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. International Ship & Port Facility Security (ISPS) Code, 2012
 4. NVIC 04-03 Guidance for Verification of Vessel Security Plans on Domestic Vessels Chs 1, 2 & 3

Steps		References	Initials
SD04.1	Identify Company Security Officer (CSO)	33 CFR 104.200(b)(2) SOLAS 14 XI-2/4.2 ISPS Code A/11.1	
SD04.2	Identify Vessel/Ship Security Officer (VSO/SSO)	33 CFR 104.200(b)(2) ISPS Code A/12.1	
SD04.3	Evaluate VSO's knowledge	33 CFR 104.215(e) ISPS Code A/12.2 NVIC 04-03 Encl. 3 Section 9	
SD04.4	Evaluate crew's level of knowledge	33 CFR 104.220 ISPS Code A/13.3 NVIC 04-03 Encl. 3 Section 10	
SD04.5	Verify compliance with current Maritime Security (MARSEC) level	33 CFR 104.240 33 CFR 104.220(m) ISPS Code A/12.2.9	

Verifying Officer Guidance: Trainee shall understand the roles & responsibilities of a VSO and the criteria for and importance of properly evaluating the effectiveness of the vessel's security plan. Trainee shall also demonstrate good communication skills and questioning techniques.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All OSVs****Task:** OI-SD05 Verify security training & records**Condition:** *While on deck walk***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
2. International Ship & Port Facility Security (ISPS) Code, 2012

Steps		References	Initials
SD05.1	Verify all access points are monitored	33 CFR 104.265(a) ISPS A/7.2.2	
SD05.2	Observe gangway watch control of embarkation of persons and effects	33 CFR 104.265(a) ISPS A/7.2.3	
SD05.3	Verify security communications	33 CFR 104.245 ISPS A/7.2.7	
SD05.4	Verify security level	33 CFR 104.240 ISPS A/7.1	
SD05.5	Verify gangway watch is familiar with their responsibilities as per security plan	ISPS A/13.2 ISPS A/13.3	
SD05.6	Verify signage	33 CFR 104.265(f)(3)	

Verifying Officer Guidance:**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN01 Verify operations of internal communication and control systems

Condition: During bridge and navigation inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 113 Communication & Alarm Systems & Equipment
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
BN01.1	Witness operation of engine order telegraph	46 CFR 129.110 & .560 46 CFR 113.35 SOLAS 14 II-1/37	
BN01.2	Witness operation of sound powered phones	46 CFR 130.440 SOLAS 14 III/6.4.1	
BN01.3	Witness operation of public address system	46 CFR 113.50 SOLAS 14 III/6.4.2	
BN01.4	Verify operation of pilothouse control	46 CFR 130.430 46 CFR 129.540 (b)(1) SOLAS 14 II-1/49	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation. Trainee shall also ensure the Public Address interrupt is functioning properly.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs****Task:** OI-BN02 Inspect radar(s)**Condition:** *During bridge and navigation inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Manufacturer's Operations Manual

Steps		References	Initials
BN02.1	Verify safety precautions are followed	Operations Manual	
BN02.2	Verify operation	46 CFR 130.310 SOLAS 14 V/19.2 Operations Manual	
BN02.3	Verify operation of Automatic Radar Plotting Aid (ARPA)	33 CFR 164.38 SOLAS 14 V/19.2 Operations Manual	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation. Verify display is clear and a screen or shade device is available.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN03 Inspect magnetic compass

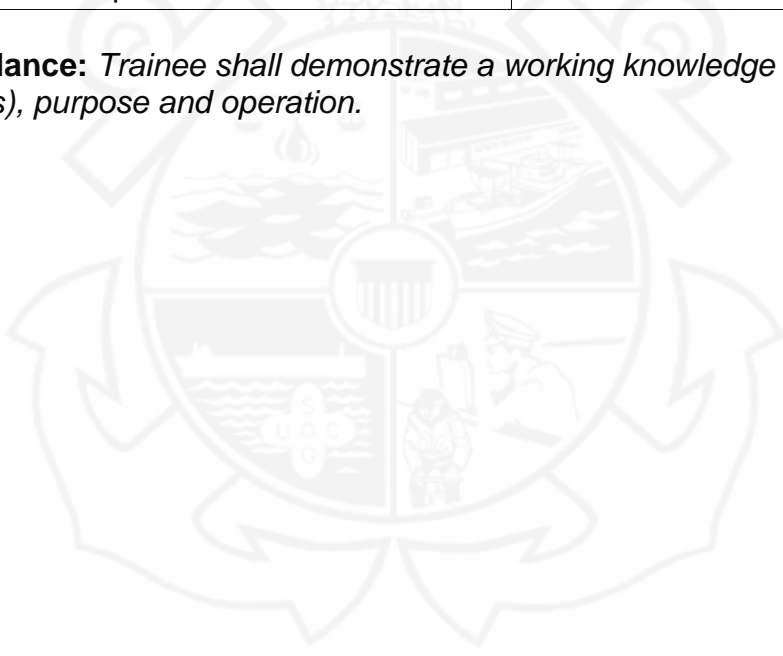
Condition: *During bridge and navigation inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
BN03.1	Verify illumination	46 CFR 130.340 33 CFR 164.35(b)	
BN03.2	Verify presence of deviation table	33 CFR 164.35(c) SOLAS 14 V/19.2.1.3	
BN03.3	Verify presence of spare	SOLAS 14 V/19.2.2.1	

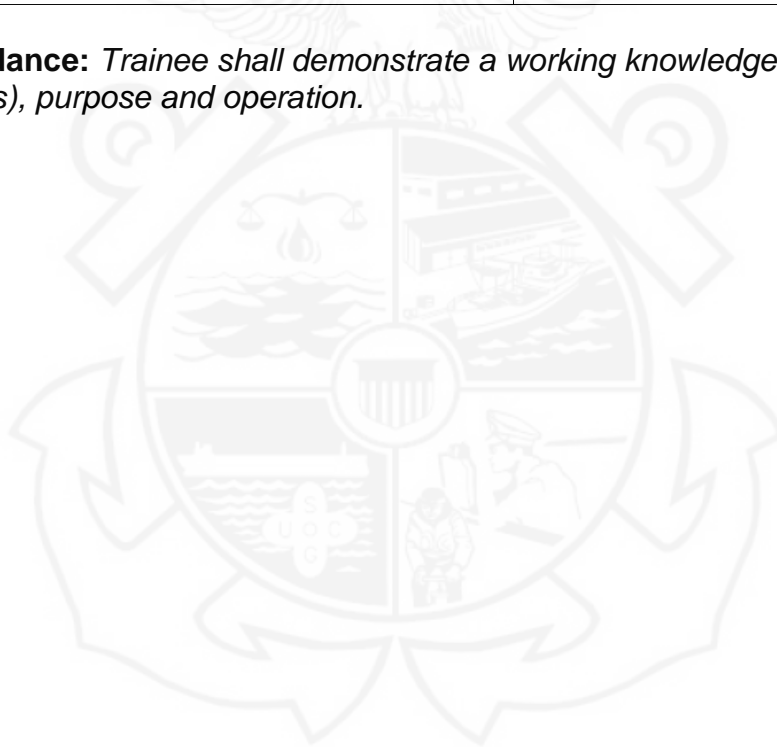
Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs****Task:** OI-BN04 Inspect gyrocompass**Condition:** *During bridge inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
BN04.1	Verify operation	33 CFR 164.35(d) SOLAS 14 V/19.2.5	
BN04.2	Verify location and illumination of repeaters	33 CFR 164.35(e)	
BN04.3	Verify operation under emergency power	SOLAS 14 II-1/43.2.4.2	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.***Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN05 Inspect depth sounding/recording equipment

Condition: *During bridge and navigation inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
BN05.1	Verify sounding equipment is operational	33 CFR 164.35(h) SOLAS 14 V/19.2.3.1	
BN05.2	Verify continuous recording is operational	33 CFR 164.35(i)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN06 Inspect electronic position-fixing device (satellite navigation (GPS) receiver)

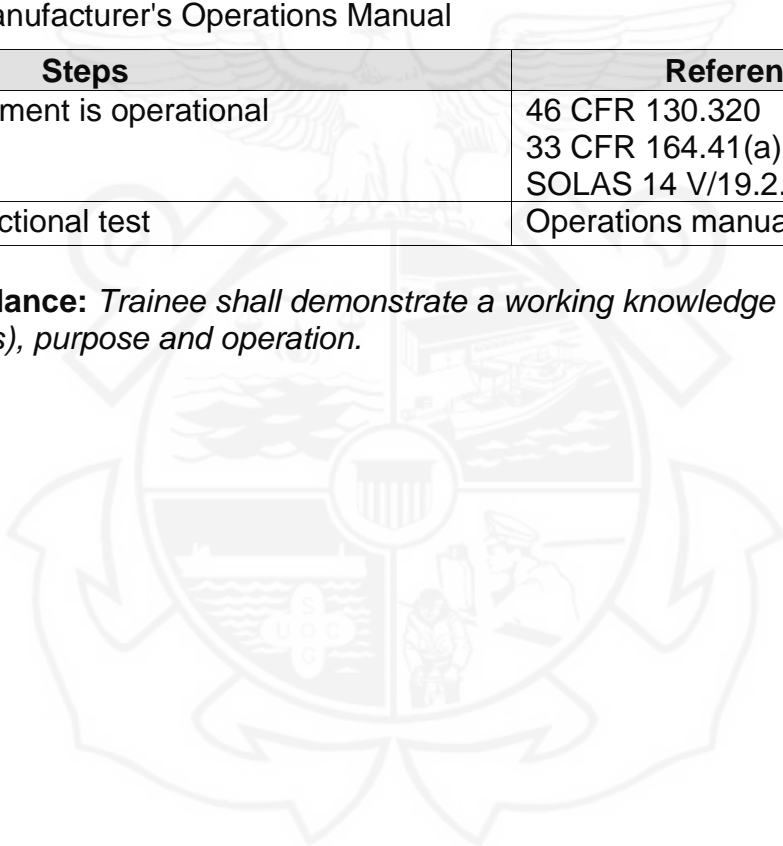
Condition: During bridge and navigation inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Manufacturer's Operations Manual

Steps		References	Initials
BN06.1	Verify equipment is operational	46 CFR 130.320 33 CFR 164.41(a) SOLAS 14 V/19.2.1.6	
BN06.2	Witness functional test	Operations manual	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN07 Verify operation of Automated Identification System (AIS)

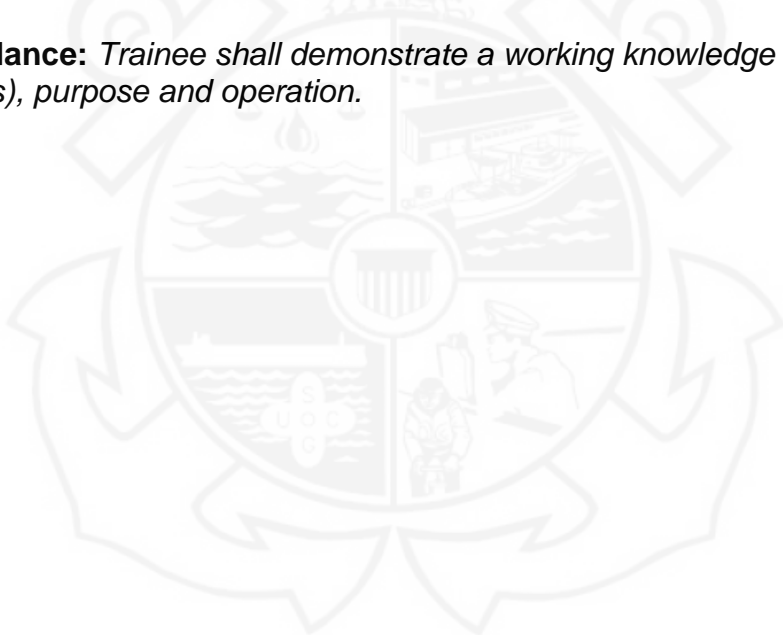
Condition: During bridge and navigation inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. Manufacturer's Operations Manual

Steps		References	Initials
BN07.1	Verify AIS information (vessel, type, IMO number, Maritime Mobile Service Identity)	33 CFR 164.46 SOLAS 14 V/19.2.4.5 Operations Manual	
BN07.2	Verify operation	SOLAS 14 V/19.2.4.5 Operations Manual	
BN07.3	Verify operation under emergency power	SOLAS 14 II-1/43.2.4.2	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN08 Verify Long Range Identification and Tracking Information (LRIT) Equipment

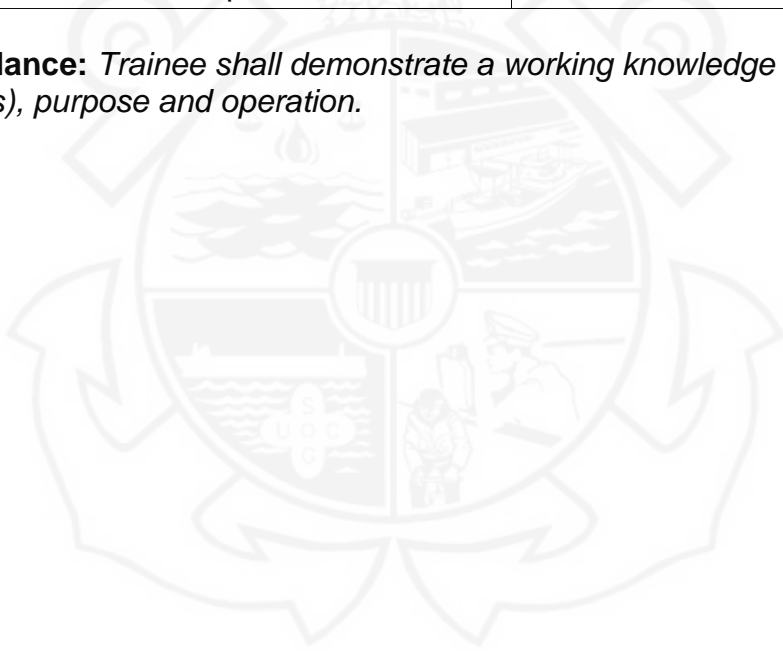
Condition: During bridge and navigation inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 169 Ship Reporting Systems
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. IMO MSC.1/Circ. 1307 Guidance on the Survey & Certification of Compliance of Ships with the Requirement to Transmit LRIT Information

Steps		References	Initials
BN08.1	Verify operation	33 CFR 169.215 33 CFR 169.230 SOLAS 14 V/19-1.5	
BN08.2	Review conformance test report	IMO MSC.1/Circ. 1307	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs**

Task: OI-BN09 Inspect Global Maritime Distress and Safety System (GMDSS) equipment

Condition: During bridge and navigation inspection

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
3. NVIC 03-99 GMDSS and EPIRB Equipment Requirements for Commercial Vessels
4. Manufacturer's Operation Manual

Steps		References	Initials
BN09.1	Verify Station ID numbers on applicable equipment	47 CFR 80.1083 SOLAS 14 IV/6.2.5	
BN09.2	Review logs for tests and notations	47 CFR 80.1075 SOLAS 14 IV/17	
BN09.3	Verify equipment for operation areas	47 CFR 80.1083-.1095 SOLAS 14 IV/6.1 NVIC 03-99	
BN09.4	Verify operation of VHF Digital Selective Calling (DSC) radio	47 CFR 80.1085(a)(1) SOLAS 14 IV/7.1.1	
BN09.5	Verify emergency source of power is provided	47 CFR 80.1099(b) SOLAS 14 IV/13.2	
BN09.6	Verify presence of manuals, tools, spare parts and test equipment	47 CFR 80.1105 SOLAS 14 IV/15 Operations Manual	
BN09.7	Verify compliance with maintenance method(s)	47 CFR 80.1105(c) SOLAS 14 IV/15 NVIC 03-99	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Bridge/Navigation Inspection (BN)

All OSVs

Task: OI-BN10 Inspect Radiotelephone equipment

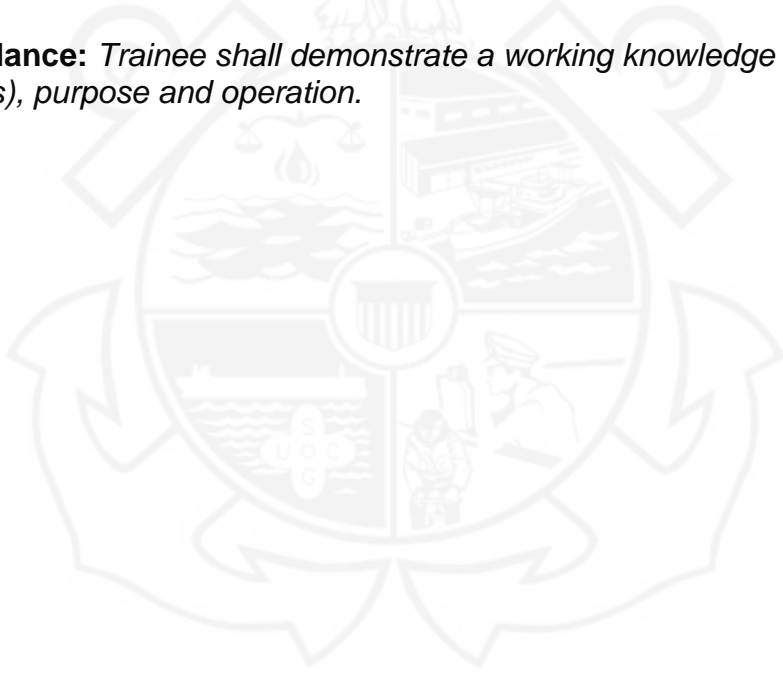
Condition: *During bridge and navigation inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services

Steps		References	Initials
BN10.1	Verify installation(s)	46 CFR 130.210 47 CFR 80.1003	
BN10.2	Verify equipment for operational areas	47 CFR 80.1015	
BN10.3	Verify presence of Operation Manual	47 CFR 80.1011-1013	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs****Task:** OI-BN11 Inspect steering system controls at Operating Station**Condition:** During bridge and navigation inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 3. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
BN11.1	Verify steering gear instructions, diagrams & markings	46 CFR 131.845 46 CFR 131.850 SOLAS 14 II-1/29	
BN11.2	Witness operation of rudder angle indicator and illumination	46 CFR 130.130 46 CFR 130.140 MSM II/C.4.C.4	
BN11.3	Verify operation of steering gear alarms	46 CFR 128.110 & 130.450 46 CFR 58.25-25, SOLAS 14 II-1/29 MSM II/C.4.C.1	
BN11.4	Verify operation in follow-up and non follow-up mode	46 CFR 130.130 & .140 46 CFR 58.25	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs****Task:** OI-BN12 Inspect navigation aids**Condition:** *During bridge and navigation inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 81 72 COLREGS: Implementing Rules
 2. Title 33, Code of Federal Regulations Parts 83 and 84
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. International Regulations for Preventing Collisions at Sea (COLREG), 1972, as amended

Steps		References	Initials
BN12.1	Verify operation of navigation and anchor lights	46 CFR 129.430 46 CFR 129.110 46 CFR 111.75-17(d)	
BN12.2	Examine dayshapes	33 CFR 83.20(d) COLREG Rule 20 33 CFR 84.06	
BN12.3	Examine daylight signaling lamp	33 CFR 83.34 COLREG Rule 34 SOLAS 14 V/19.2.2.2	
BN12.4	Review Certificate of Alternate Compliance	33 CFR 81.9	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Inspection (BN)****All OSVs****Task:** OI-BN13 Inspect sound signaling devices**Condition:** *During bridge and navigation inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 83 Inland Navigation Rules - Rules
2. International Regulations for Preventing Collisions at Sea (COLREG) 1972

Steps		References	Initials
BN13.1	Witness operation of ship's whistle	33 CFR 83.33(a) COLREG Rule 33	
BN13.2	Witness operation of ship's bell	33 CFR 83.33(a) COLREG Rule 33	
BN13.3	Witness operation of ship's gong	33 CFR 83.33(a) COLREG Rule 33	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation.***Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Bridge/Navigation Examination (BN)**

All OSV's

Task: OI-BN14 Examine charts and publications**Condition:** During bridge/navigation examination**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 83 Inland Navigation Rules - Rules
 2. Title 33, Code of Federal Regulations Part 164 Navigation Safety Regulations
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. 69 Federal Register 42192 Carriage of Navigation Equipment for Ships on International Voyages
 5. IMO Resolution MSC.137(76) Standards for Ship Maneuverability

Steps		References	Initials
BN14.1	Verify presence of current, applicable and corrected charts and/or Electronic Chart Display & Information System (ECDIS)	33 CFR 164.33 & 46 CFR 130.330 SOLAS 14 V/19.2.1.4 & 27 69 FR 42192	
BN14.2	Verify presence of current and applicable Tide Tables	33 CFR 164.33 46 CFR 130.330 SOLAS 14 V/27	
BN14.3.	Verify presence of current and applicable Coast Guard Light List	33 CFR 164.33 46 CFR 130.330	
BN14.4	Verify presence of current and applicable Tidal Current Tables	33 CFR 164.33 46 CFR 130.330	
BN14.5	Verify presence of Inland Navigation Rules	33 CFR 83.01(g)	
BN14.6	Verify presence of COLREGs	SOLAS 14 V/27	
BN14.7	Verify presence of current and applicable U.S. Coast Pilot	33 CFR 164.33 46 CFR 130.330 SOLAS 14 V/27	
BN14.8	Verify presence of International Code of Signals	SOLAS 14 V/21.1	
BN14.9	Verify presence and contents of maneuvering fact sheet	33 CFR 164.35(g) MSC.137(76) SOLAS 14 II-1/28.3	
BN14.10	Verify presence of International Aeronautical and Maritime Search and Rescue (IAMSAR) manual	SOLAS 14 V/21.2	

Verifying Officer Guidance:

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****General Health & Safety Inspection (GH)****All OSVs****Task:** OI-GH01 Inspect accommodation spaces**Condition:** During general health and safety inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
GH01.1	Verify location	46 CFR 127.270	
GH01.2	Verify number of berths	46 CFR 127.280(a)(1) 46 CFR 127.280(b) 46 CFR 127.280 (b)(2)(i)	
GH01.3	Verify spaces are of appropriate size	46 CFR 127.280(a)(2)(ii)	
GH01.4	Verify accessibility to escape routes	46 CFR 127.240	
GH01.5	Verify ventilation	46 CFR 127.260	
GH01.6	Verify sanitary condition	46 CFR 131.515	

Verifying Officer Guidance: Trainee shall demonstrate an understanding of the SOLAS requirements, to include those identified in the International Labour Organization Convention No. 147 and the Maritime Labour Convention supported by USCG NVIC 02-13, Ch. 1.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

General Health & Safety Inspection (GH)

All OSVs

Task: OI-GH02 Inspect means of escape from accommodation, machinery and other spaces

Condition: During general health and safety inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
GH02.1	Verify means of escape	46 CFR 127.240(a) SOLAS 14 II-2/13.3.3	
GH02.2	Verify routes are accessible	46 CFR 127.240 SOLAS 14 II-2/13	
GH02.3	Examine emergency lighting	46 CFR 129.440 & 131.525 46 CFR 112 SOLAS 14 II-1/43 & III/11.5 &	
GH02.4	Verify markings	46 CFR 131.840 SOLAS 14 III/11.5	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s) and operation.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****General Health & Safety Inspection (GH)****All OSVs****Task:** OI-GH03 Inspect mess deck and galley spaces**Condition:** During general health and safety inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 110 Electrical Engineering - General Provisions
 2. Title 46, Code of Federal Regulations Part 113 Communication & Alarm Systems & Equipment
 3. Title 46, Code of Federal Regulations Parts 127, 129, 130, 131 & 132
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. IEEE Std 45, Recommended Practice for Electrical Installations on Shipboard
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
GH03.1	Verify sanitary conditions	46 CFR 131.515	
GH03.2	Verify operation of electric stove & deep fryer overcurrent protection	46 CFR 129.110 & .550 46 CFR 110.10-1(j) 46 CFR 111.50-5 & .77	
GH03.3	Examine fire fighting equipment	46 CFR 132.220 SOLAS 14 II-2/10	
GH03.4	Examine chill box(s) alarms	46 CFR 113.45-5	
GH03.5	Verify installation of both grab and sea rails on cooking equipment	46 CFR 130.220 IEEE 45/42.1.1	
GH03.6	Verify ventilation	46 CFR 127.260 SOLAS 14 II-2/9.7.5.2.1	
GH03.7	Examine condition of vents and ducts	46 CFR 127.220(b) MSM II/B.1.N.9	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval, characteristics of the extinguishing agent and operation.

Safety Note: It is important for the trainee to understand the requirement for a freezer/chill box door to be able to be opened from the inside if it is capable of being locked on the outside. Trainee shall also demonstrate an understanding of the SOLAS requirements, to include those identified in the International Labour Organization Convention No. 147 and the Maritime Labour Convention supported by USCG NVIC 02-13, Ch.1.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****General Health & Safety Inspection (GH)****All OSVs****Task:** OI-GH04 Inspect paint locker(s)**Condition:** During general health and safety inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
GH04.1	Verify fire protection equipment	46 CFR 132.310 SOLAS 14 II-2/10.6.3	
GH04.2	Examine space construction material	46 CFR 127.220(c) SOLAS 14 II-2/9.2.3.3.2	
GH04.3	Verify electrical installations	46 CFR 129.520(b)	
GH04.4	Verify means to secure ventilation	46 CFR 127.250	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval, characteristics of the extinguishing agent and operation. It is very important to verify if explosion-proof and/or intrinsically safe electrical equipment is required and, if so, to ensure it meets the requirements of 46 CFR 111.105 in sub-chapter J.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Lifesaving Equipment Inspection (LS)

All OSVs

Task: OI-LS01 Inspect Emergency Position Indicating Radio Beacon (EPIRB)

Condition: *During lifesaving equipment inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS01.1	Verify registration	46 CFR 133.60(a) 47 CFR 80.1061(e) 47 CFR 80.1061(f)	
LS01.2	Verify stowage	46 CFR 133.60(a)(2) SOLAS 14 IV/7.1.6	
LS01.3	Verify hydro-static release expiration date	46 CFR 133.60(a)(2) SOLAS 14 IV/7.1.6 MSM II/B.1.P.3.h	
LS01.4	Verify battery date	46 CFR 131.575(e) MSM II/B.1.P.3.l(2)	
LS01.5	Verify markings	SOLAS 14 III/9.2.3 IMO Res A.760(18)	
LS01.6	Witness function test	MSM II/B.1.P.3.l(1)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS02 Inspect general emergency alarm system**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 113 Communication & Alarm Systems & Equipment
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. Lifesaving Appliances including LSA Code, 2010

Steps		References	Initials
LS02.1	Verify location and operation of contact makers	46 CFR 129.530 46 CFR 113.25-5 SOLAS 14 III/6.4.2	
LS02.2	Verify location and operation of audible signals	46 CFR 113.25-9 SOLAS 14 III/6.4.3	
LS02.3	Verify location and operation of emergency red-flashing lights	46 CFR 113.25-10	
LS02.4	Verify markings	46 CFR 113.25-20 46 CFR 131.805 46 CFR 131.810	
LS02.5	Verify operation of Public Address system	46 CFR 113.50-5(c) SOLAS 14 III/6.4.2	
LS02.6	Verify operation of loud speakers	46 CFR 113.50-15 SOLAS 14 III/6.4.3 LSA Code 7.2.2.1	
LS02.7	Verify operations with emergency power source	46 CFR 113.25-6 SOLAS 14 III/6.4.2 LSA Code 7.2.1.1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. It is critical to ensure that the public address system interrupts all other audible systems.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS03 Inspect line throwing equipment**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 2. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Lifesaving Appliances including LSA Code, 2010
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements

Steps		References	Initials
LS03.1	Verify stowage, quantity and type approval	46 CFR 133.170 46 CFR 160.031 & 160.040 SOLAS 14 III/4 & 18	
LS03.2	Verify presence of appropriate messenger line	46 CFR 133.170(c)(2)(i) 46 CFR 133.170(c)(2)(ii) LSA Code 7.1	
LS03.3	Verify markings on primer cartridges	46 CFR 160.031-6 46 CFR 160.040-6 LSA Code 1.2.3	
LS03.4	Verify inventory list and equipment	46 CFR 133.170(c)(1)	
LS03.5	Verify presence of service and maintenance instructions	46 CFR 160.031-4(h) 46 CFR 160.040-4(h)	
LS03.6	Verify markings	SOLAS 14 III/9.2.3 IMO Res A.760(18)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS04 Inspect distress signals**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 2. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. International Life-Saving Appliances (LSA) Code
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements

Steps		References	Initials
LS04.1	Verify type approval	46 CFR 133.60(b)(1) SOLAS 14 III/34 LSA Code 1.2.2.9	
LS04.2	Verify quantity	46 CFR 133.60(b)(1) SOLAS 14 III/6.3	
LS04.3	Verify expiration date	46 CFR 160.036-5 LSA Code 1.2.3	
LS04.4	Verify stowage and markings	46 CFR 131.890 & 133.60(b)(2) SOLAS 14 III/6.3 & 9.2.3 IMO Res A.760(18)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS05 Inspect life jackets**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 2. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Lifesaving Appliances including LSA Code, 2010
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS05.1	Verify type approval	46 CFR 133.70(b) SOLAS 14 III/4 LSA Code 2.2	
LS05.2	Verify quantity	46 CFR 133.70(b)(1) SOLAS 14 III/7.2.1	
LS05.3	Verify stowage	46 CFR 133.70(b)(2) 46 CFR 133.70(d) SOLAS 14 III/7.2.2	
LS05.4	Verify markings	46 CFR 131.875 & 133.70(b)(3) SOLAS 14 III/7.2.1 & 9.2.3 IMO Res A.760(18)	
LS05.5	Examine lights	46 CFR 133.70(b)(4) SOLAS 14 III/7.2.1 LSA Code 2.2.3	
LS05.6	Verify location and information for donning instructions	46 CFR 133.80(b)(5) SOLAS 14 III/35.2	
LS05.7	Examine condition and suitability	46 CFR 133.45 46 CFR 160.006-2 MSM II/B.1.P.2.I & B.1.P.3.	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS06 Inspect work vests**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS06.1	Verify type approval	46 CFR 131.710	
LS06.2	Verify stowage	46 CFR 131.730	
LS06.3	Examine condition and serviceability	46 CFR 131.740 MSM II/B.1.P.2.I MSM II/B.1.P.3.m	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS07 Inspect immersion suits**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Parts 131 & 133
 2. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Lifesaving Appliances including LSA Code, 2010
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements
 6. NVIC 01-08 Shipboard Inspection and Testing of Immersion Suits

Steps		References	Initials
LS07.1	Verify type approval	46 CFR 133.70(c) SOLAS 14 III/4 LSA Code 2.3	
LS07.2	Verify quantity and size	46 CFR 133.70(c)(1) 46 CFR 133.70(c)(2)(ii) SOLAS 14 III/32.3.2	
LS07.3	Verify stowage	46 CFR 133.70(c)(2) & (d) SOLAS 14 III/32.3.4	
LS07.4	Verify markings	46 CFR 131.875 & 133.70(c)(3) SOLAS 14 III/9.2.3 IMO Res A.760(18)	
LS07.5	Examine lights	46 CFR 133.70(c)(4) SOLAS 14 III/32.3.2 LSA Code 2.3.1.4	
LS07.6	Examine condition and suitability	46 CFR 133.45 46 CFR 160.171 NVIC 01-08	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. It is important that trainees know what components are required for proper servicing/maintenance of immersion suits (i.e. wax, soft bristle brush, lubricant recommended by the manufacturer, adhesive, etc.).

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS08 Inspect life buoys**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements
 6. Lifesaving Appliances including LSA Code, 2010 & COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS08.1	Verify type approval	46 CFR 133.70(a) SOLAS 14 III/4 LSA Code 2.1	
LS08.2	Verify quantity	46 CFR 133.70(a)(1) SOLAS 14 III/7.1.1.1	
LS08.3	Verify stowage	46 CFR 133.70(a)(2) SOLAS 14 III/7.1.1.1	
LS08.4	Verify markings	46 CFR 131.875 & 133.70(a)(3) SOLAS 14 III/7.1.4 & 9.2.3 IMO Res A.760(18)	
LS08.5	Examine attachments and fittings	46 CFR 133.70(a)(4) SOLAS 14 III/7.1.2 & .3 MSM II/B.1.P.3.i	
LS08.6	Verify size/weight	46 CFR 160.050-4(e) SOLAS 14 III/7.1.1 LSA Code 2.1.1	
LS08.7	Examine condition and suitability	46 CFR 133.45 46 CFR 160.006-2	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS09 Inspect inflatable liferaft installations**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. Lifesaving Appliances including LSA Code, 2010
 6. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements

Steps		References	Initials
LS09.1	Verify type approval	46 CFR 133.105(a)(1)(i) SOLAS 14 III/4 LSA Code 4.2	
LS09.2	Verify quantity	46 CFR 133.105(b) SOLAS 14 III/31.1.1.2	
LS09.3	Verify stowage	46 CFR 133.130 SOLAS 14 III/13	
LS09.4	Verify markings and symbols	46 CFR 131.865 & 160.151-57(m) SOLAS 14 III/9.2.3 IMO Res A.760(18)	
LS09.5	Verify annual service dates	46 CFR 131.580 SOLAS 14 III/20.8.1	
LS09.6	Verify emergency instructions are posted	46 CFR 131.340 SOLAS 14 III/9	
LS09.7	Examine embarkation ladder	46 CFR 133.110(f) SOLAS 14 III/9.2.3 LSA Code 6.1.6	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall clearly state how to evaluate installation arrangements. Trainee shall also review IMO Resolution A.654(16) Graphical Symbols for Fire Control Plans.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS10 Inspect lifefloat installations**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems

Steps		References	Initials
LS10.1	Verify type approval	46 CFR 133.105(a)(4)	
LS10.2	Verify quantity	46 CFR 133.105(c)	
LS10.3	Verify stowage	46 CFR 133.105(b)	
LS10.4	Verify markings	46 CFR 131.870	
LS10.5	Verify emergency instructions are posted	46 CFR 131.340	
LS10.6	Examine embarkation ladder	46 CFR 133.110(f)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall clearly state how to evaluate installation arrangements.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS11 Inspect Lifeboats**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. Title 46, Code of Federal Regulations Part 199 Lifesaving Appliances & Arrangements
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. Lifesaving Appliances including LSA Code, 2010
 6. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements

Steps		References	Initials
LS11.1	Verify type approval	46 CFR 133.105(a)(6) SOLAS 14 III/4 LSA Code 4.4	
LS11.2	Verify stowage	46 CFR 133.105(a)(6) 46 CFR 199.130 SOLAS 14 III/13	
LS11.3	Verify markings	46 CFR 131.855 SOLAS 14 III/9.2.3 IMO Res A.760(18)	
LS11.4	Examine equipment	46 CFR 199.175 LSA Code 4.4.8	
LS11.5	Examine condition	46 CFR 131.540 SOLAS 14 III/20.2	
LS11.6	Examine embarkation ladder	46 CFR 133.110(f) SOLAS 14 III/11	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall demonstrate a working knowledge of SOLA 14 III/31 regarding the various compliance methods for Cargo Vessel Survival Craft carriage requirements.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Lifesaving Equipment Inspection (LS)

All OSVs

Task: OI-LS12 Inspect rescue boat

Condition: During lifesaving equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Lifesaving Appliances including LSA Code, 2010
 5. IMO Resolution A.760(18) Symbols Related to Life-Saving Appliances & Arrangements

Steps		References	Initials
LS12.1	Verify type approval	46 CFR 133.135 SOLAS 14 III/4, 14 & 31.2 LSA Code 5.1	
LS12.2	Verify stowage	46 CFR 133.140 SOLAS 14 III/14	
LS12.3	Verify markings	46 CFR 131.855 SOLAS 14 III/9.2.3 IMO Res A.760(18)	
LS12.4	Examine equipment	46 CFR 133.175 LSA Code 5.1.2	
LS12.5	Verify condition	46 CFR 131.540 SOLAS 14 III/20.2	
LS12.6	Examine embarkation ladder	46 CFR 133.110(f) SOLAS 14 III/17	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall clearly state how to evaluate installation arrangements.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Lifesaving Equipment Inspection (LS)

All OSVs

Task: OI-LS13 Inspect rescue platform(s)

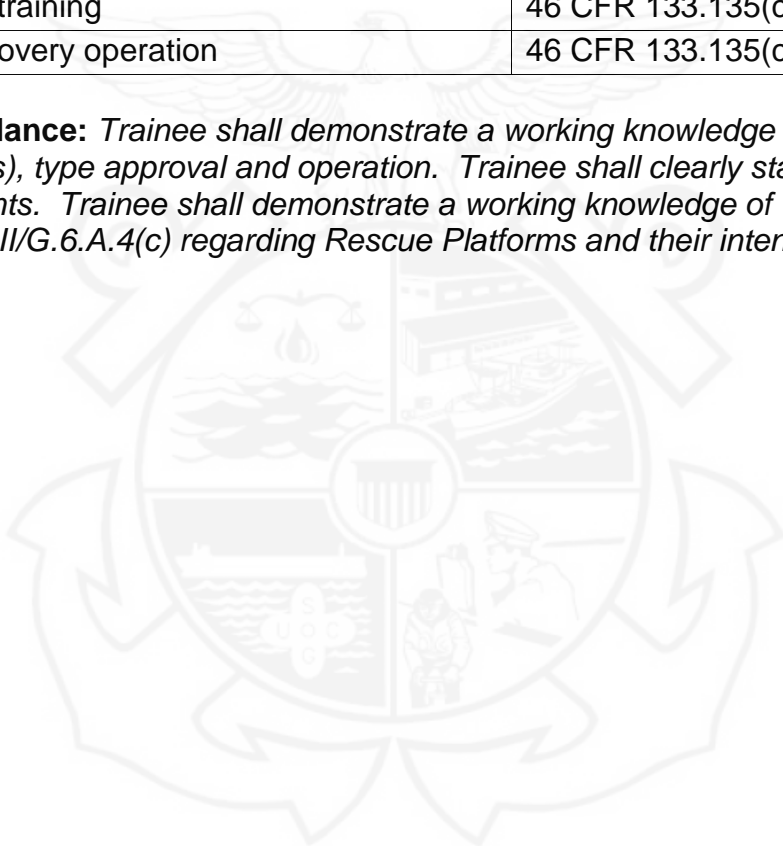
Condition: *During lifesaving equipment inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems

Steps		References	Initials
LS13.1	Examine condition	46 CFR 131.540	
LS13.2	Verify crew training	46 CFR 133.135(c)(1)	
LS13.3	Witness recovery operation	46 CFR 133.135(c)(2)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall clearly state how to evaluate installation arrangements. Trainee shall demonstrate a working knowledge of the additional guidance found in MSM Volume II/G.6.A.4(c) regarding Rescue Platforms and their intended use and allowance.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Lifesaving Equipment Inspection (LS)

All OSVs

Task: OI-LS14 Inspect davit(s) and appurtenances

Condition: During lifesaving equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. NVIC 04-07 Servicing & Maintenance of Lifeboats, Launching Appliances & On-Load Release Gear

Steps		References	Initials
LS14.1	Examine condition	46 CFR 131.540 & 133.153 SOLAS 14 III/20.2 NVIC 04-07	
LS14.2	Verify operating instructions are posted	46 CFR 133.90 SOLAS 14 III/9	
LS14.3	Verify required maintenance has been conducted	46 CFR 133.153 SOLAS III/20 .3, .6, .7 & .11	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. Trainee shall clearly state how to evaluate installation arrangements. Trainee shall demonstrate a working knowledge of the requirements found in MSM, Vol II, C.2.H.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All OSVs****Task:** OI-LS15 Witness davit weight test**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. Title 46, Code of Federal Regulations Part 199 Lifesaving Appliances & Arrangements
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. NVIC 04-07 Servicing & Maintenance of Lifeboats, Launching Appliances & On-Load Release Gear

Steps		References	Initials
LS15.1	Verify test weights	46 CFR 126.440 46 CFR 199.190(i)(5) SOLAS 14 III/20.11.1.3	
LS15.2	Verify dynamic test of winch brake	46 CFR 199.190(i)(2) SOLAS 14 III/20.11.1.3 NVIC 04-07	
LS15.3	Verify operational test of lifeboat and rescue boat release gear	46 CFR 199.190(i)(5) SOLAS 14 III/20.11.2.3	
LS15.4	Inspect brake pads and stressed structural parts	MSM II/B.1.P.2 & P.3 NVIC 04-07	
LS15.5	Verify operational test of stored power system	46 CFR 133.150(e) SOLAS 14 III/16.1 LSA Code 6.1.1.3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the test procedure requirements, equipment's components, function(s), and operation. It is important to ensure that proper safety precautions have been established before any tests are conducted.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF01 Review approved Safety Plan (Fire-Control Plan)**Condition:** While on deck walk**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. IMO Resolution A.952(23) Graphical Symbols for Shipboard Fire Control Plans

Steps		References	Initials
FF01.1	Verify location and approval	46 CFR 127.110(a)(3) SOLAS 14 II-2/15.2.4	
FF01.2	Verify equipment installation to approved plan	46 CFR 131.945 SOLAS 14 II-2/15.2.4.1	
FF01.3	Verify use of international symbols	SOLAS 14 II-2/15.2.4 IMO Res A.952(23)	
FF01.4	Verify structural fire protection is identified	46 CFR 131.945 SOLAS 14 II-2/15.2.4.1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of Fire Control Plan nomenclature, format and functions including how to use the information contained therein throughout the inspection.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs**

Task: OI-FF02 Inspect areas for compliance with Structural Fire Protection (SFP) requirements

Condition: *During inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
4. NVIC 09-97 Ch-1 Guide to Structural Fire Protection

Steps		References	Initials
FF02.1	Confirm installation in accordance with approved Fire Safety Plan	46 CFR 127.110(a)(3) SOLAS 14 II-2/15.2.4 NVIC 09-97 Ch-1	
FF02.2	Verify boundaries are maintained	46 CFR 127.280 46 CFR 127.220 SOLAS 14 II-2/9.2.3	
FF02.3	Verify no unapproved modifications	46 CFR 126.150	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of structural fire protection classification, fire ratings and application. In particular, the appropriate compatibility of boundaries with regards to adjacent spaces and bulkhead/deck penetrations. Trainee shall demonstrate a working knowledge for the Containment of Fire found in SOLAS 14 II-2/9.2.3. The Trainee shall understand that if alterations or modification to approved (SFP) occurs, NVIC 08-04 Ch.1 has additional items approved for use.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Firefighting Systems Inspection (FF)

All OSVs

Task: OI-FF03 Inspect fire boundary closures

Condition: During firefighting equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
FF03.1	Witness operation of local and remote controls of dampers and fire doors	46 CFR 129.110 & .540 46 CFR 111.103 SOLAS 14 II-2/14.2.1 & 14.2.2	
FF03.2	Confirm dampers and fire doors close during ventilation shutdowns for machinery and accommodation spaces	46 CFR 127.250 46 CFR 127.260 SOLAS 14 II-2/14.2.2.3.5	
FF03.3	Verify remote controls and dampers are clearly marked & fitted with open/closed indicators	46 CFR 131.896 46 CFR 131.899	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of structural fire protection classification, requirements and application.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF04 Inspect fire main and pump(s) - primary and emergency**Condition:** Given a pitot tube, during firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. NVIC 06-72 Ch-1 Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels

Steps		References	Initials
FF04.1	Verify number	46 CFR 132.120(a) SOLAS 14 II-2/10.2.2.2.2	
FF04.2	Verify capable of providing adequate pressure	46 CFR 132.120(a) SOLAS 14 II-2/10.2.2.4.1 NVIC 06-72 Encl.1/I.C.1.1	
FF04.3	Verify self priming arrangement	46 CFR 132.120(a)	
FF04.4	Verify fitted with gauge and relief valve(s)	46 CFR 132.120 (b) & (c) NVIC 06-72 Encl.1/I.B	
FF04.5	Verify location of controls and markings	46 CFR 130.420/430 46 CFR 129.220	
FF04.6	Verify manifolds are labeled correctly	46 CFR 132.110(b)	
FF04.7	Verify materiel condition of system	46 CFR 132.110/120	
FF04.8	Verify operation of remote control(s)	46 CFR 130.430 NVIC 06-72 Encl.1/I.C.2.4	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the particular system's components, function(s), characteristics of the extinguishing agent and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF05 Inspect fire stations**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. NVIC 06-72 Ch-1 Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
FF05.1	Verify number of hydrants	46 CFR 132.130(a) 46 CFR 132.130(b) SOLAS 14 II-2/10.2.1.5	
FF05.2	Verify hoses meet required length, size, markings and quantity	46 CFR 132.100 & .130(g), (k) & (n) SOLAS 14 II-2/10.2.3 MSM II/C.2.I.6	
FF05.3	Verify compliance with periodic hydro testing	46 CFR 132.350(c)(3) SOLAS 14 II-2/14.2.2 NVIC 06-72 Encl.1/I.C.2	
FF05.4	Verify operation of valves at fire stations	46 CFR 132.130(i) NVIC 06-72 Encl.1/I.C.2.3 SOLAS 14 II-2/10.2.3.1.1	
FF05.5	Verify spanner	46 CFR 132.130(f)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF06 Inspect portable fire extinguishers**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. CVC Policy Letter 18-04 Guidance on Implementation of New Standards for Fire Protection, Detection, and Extinguishing Equipment
 5. NFPA 10 Standard for Portable Fire Extinguishers, 1994

Steps		References	Initials
FF06.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 131.945 SOLAS 14 II-2/15.2.4	
FF06.2	Verify servicing compliance	46 CFR 132.350(c)(1) SOLAS 14 II-2/14.2.2 NFPA 10 Chapters 7 & 8	
FF06.3	Verify installation & stowage	46 CFR 132.220 SOLAS 14 II-2/10.3.2 CVC Policy Ltr 18-04	
FF06.4	Examine condition of cylinder(s) and hose(s)	46 CFR 132.350(c)(1) NFPA 10 Chapter 7	
FF06.5	Verify type and quantity	46 CFR 132.220 SOLAS 14 II-2/10.3.2 CVC Policy Ltr 18-04	
FF06.6	Verify markings	46 CFR 131.835	
FF06.7	Confirm spare charges	46 CFR 132.220 SOLAS 14 II-2/10.3.3 CVC Policy Ltr 18-04	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, functions(s), type approval and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF07 Inspect semi-portable fire extinguishers**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. CVC Policy Letter 18-04 Guidance on Implementation of New Standards for Fire Protection, Detection, and Extinguishing Equipment
 5. NFPA 10 Standard for Portable Fire Extinguishers, 1994

Steps		References	Initials
FF07.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 131.945 SOLAS 14 II-2/15.2.4	
FF07.2	Verify servicing compliance	46 CFR 132.350(c)(1) SOLAS 14 II-2/14.2.2 NFPA 10 Chapters 7 & 8	
FF07.3	Verify installation & stowage	46 CFR 132.220 & .240 SOLAS 14 II-2/10.3.2 CVC Policy Ltr 18-04	
FF07.4	Examine condition of cylinder(s) and hose(s)	46 CFR 132.350(c)(2)	
FF07.5	Verify type(s) and quantity(s)	46 CFR 132.220 CVC Policy Ltr 18-04	
FF07.6	Verify markings	46 CFR 131.835	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, functions(s), type approval and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF08 Inspect fire axes**Condition:** *During firefighting equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. International Code for Fire Safety Systems (FSS Code), 2007
 5. Approved Safety Plan (Fire Control Plan)

Steps		References	Initials
FF08.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 132.360 Fire Control Plan	
FF08.2	Verify markings	46 CFR 131.880	
FF08.3	Verify quantity	46 CFR 132.360 SOLAS 14 II-2/10.1.1 FSS Code 3.2.1.1	
FF08.4	Examine condition	46 CFR 131.590	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, functions(s), type approval and operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF09 Inspect fireman's outfit(s)**Condition:** *During firefighting equipment inspection of an OSV with international route endorsement***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Code for Fire Safety Systems (FSS Code), 2007

Steps		References	Initials
FF09.1	Verify type approval	SOLAS 14 II-2/10.10.1 FSS Code 3.2.1	
FF09.2	Verify stowage	SOLAS 14 II-2/10.10.3.1	
FF09.3	Verify location(s) are marked on Safety Plan (Fire Control Plan)	SOLAS 14 II-2/15.2.4	
FF09.4	Verify quantity and size	SOLAS 14 II-2/10.10.2 SOLAS 14 II-2/18.5.1.6	
FF09.5	Verify condition	SOLAS 14 II-2/14.2	
FF09.6	Verify spare bottles	SOLAS 14 II-2/10.10.2.5	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, functions(s), type approval and operation.***Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Firefighting Systems Inspection (FF)

All OSVs

Task: OI-FF10 Inspect International Shore Connection

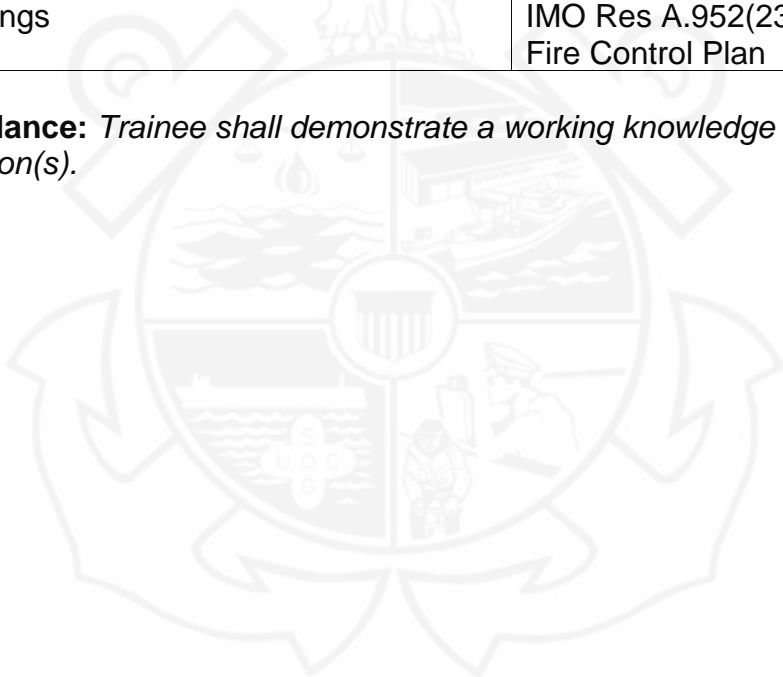
Condition: During firefighting equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 2. International Code for Fire Safety Systems (FSS Code), 2007
 3. IMO Resolution A.952(23) Graphical Symbols for Shipboard Fire Control Plans
 4. Approved Safety Plan (Fire Control Plan)

Steps		References	Initials
FF10.1	Confirm location with Safety Plan (Fire Control Plan)	Fire Control Plan	
FF10.2	Verify gaskets and bolts are with the connection	SOLAS 14 II-2/10.2.1.7 FSS Code 2.2	
FF10.3	Verify markings	IMO Res A.952(23) Fire Control Plan	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components and function(s).



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF11 Inspect fire detection system**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 113 Communication & Alarm Systems & Equipment
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 161 Equipment, Construction & Materials: Specifications & Approval - Electrical Equipment
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. International Code for Fire Safety Systems (FSS Code), 2007

Steps		References	Initials
FF11.1	Determine applicability	46 CFR 130.400 SOLAS 14 II-2/1	
FF11.2	Witness system test	46 CFR 130.480 SOLAS 14 II-2/7.3.2 FSS Code 9.2.5.2	
FF11.3	Verify two sources of power	46 CFR 161.002-9 46 CFR 129.110 → 113.10-9 FSS Code 9.2.2	
FF11.4	Verify operation of control unit's visual and audible alarms	46 CFR 161.002-8 SOLAS 14 II-2/7.2.2 FSS Code 9.2.5.1	
FF11.5	Verify markings	46 CFR 161.002-4 FSS Code 9.2.5.1.3 & 4	
FF11.6	Verify alarms sounds in required locations	46 CFR 161.002-10(b) SOLAS 14 II-2/7.4.2 FSS Code 9.2.5.1.1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, functions(s), type approval and operation. They should also confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs. Trainee should know and understand the importance of system maintenance, including how to properly review and confirm the validity of a third party servicing report.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF12 Inspect high pressure CO2 system(s)**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. NVIC 06-72 Ch-1 Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels

Steps		References	Initials
FF12.1	Ensure safety precautions are implemented prior to servicing system	MSM II/C.2.1.5	
FF12.2	Verify servicing compliance	46 CFR 126.450 46 CFR 132.350(c)(2)(ii)	
FF12.3	Witness weighing of cylinders	46 CFR 132.350(c)(2)(i) NVIC 06-72 Encl.1/II.D.2.1	
FF12.4	Inspect stowage of cylinders	46 CFR 132.350(c)(2)(ii) SOLAS 14 II-2/10.4.3	
FF12.5	Examine materiel condition of system components	46 CFR 132.350(c)(2)(iii)	
FF12.6	Verify piping and nozzles are clear	46 CFR 132.350(c)(2)(i)	
FF12.7	Witness operational test of time delays, alarms, and shutdowns	46 CFR 132.350(c)(2)(iv)	
FF12.8	Verify markings and warning signs are posted	46 CFR 131.815-.825	
FF12.9	Verify operating instructions are posted	NVIC 06-72 Encl.1/II.D.2.4	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the particular system's components, function(s), characteristics of the extinguishing agent, type approval and operation. Trainee should know and understand the importance of system maintenance, including how to properly review and confirm the validity of a third party servicing report. They should also confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs. Following personnel safety procedures during the inspection is paramount.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF13 Inspect water mist system(s)**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual

Steps		References	Initials
FF13.1	Verify DIOM	46 CFR 126.450 46 CFR 132.350(c)(2)(i) SOLAS 14 II-2/10.5.6	
FF13.2	Witness manual operational test	DIOM Manual	
FF13.3	Witness automatic operational test	DIOM Manual	
FF13.4	Witness pump operations	DIOM Manual	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the particular system's components, function(s), characteristics of the extinguishing agent, type approval and operation. PRECAUTION: Before the automatic operational test ensure that any required electrical safety precautions are met as outlined in the DIOM. It is also very important to confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All OSVs****Task:** OI-FF14 Inspect clean agent Fire extinguishing system(s)**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 2. Title 46, Code of Federal Regulations Part 147 Hazardous Ships' Stores
 3. Title 46, Code of Federal Regulations Part 162 Equipment, Construction & Materials: Specifications & Approval - Engineering Equipment
 4. NFPA 2001 Standard on Clean Agent Fire Extinguishing System, 2008
 5. Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual

Steps		References	Initials
FF14.1	Ensure system plan approval	46 CFR 162.161 NFPA 2001 Chapter 5	
FF14.2	Verify DIOM for installed system	46 CFR 162.161-5 DIOM Manual	
FF14.3	Verify servicing as outlined in DIOM	DIOM Manual	
FF14.4	Validate agent quantity and pressure of refillable cylinders	46 CFR 162.161 DIOM Manual	
FF14.5	Examine stowage of cylinders	46 CFR 132.350(c)(2)(ii) 46 CFR 147.60	
FF14.6	Examine condition of cylinder(s) and system hoses	46 CFR 147.67 DIOM Manual	
FF14.7	Verify piping and nozzles are clear	DIOM Manual	
FF14.8	Witness functional test of time delays, alarms, and shutdowns	46 CFR 132.350(c)(2)(iv) DIOM Manual	
FF14.9	Verify warnings signs, markings and operating instructions are posted	DIOM Manual	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the particular system's components, function(s), characteristics of the extinguishing agent, type approval and operation. Trainee should know and understand the importance of maintenance including how to properly review and confirm the validity of a third party servicing report. It is also very important to confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs. Following personnel safety procedures during the inspection is paramount.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI01 Inspect hull**Condition:** *During drydock Inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Parts 125, 126, and 127
 4. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI01.1	Examine for wastage, defect(s), and damage	46 CFR 126.140(a) 46 CFR 125.140 46 CFR 127.210 & ABS 7-4-1/1	
HI01.2	Examine stress areas (stringer plate, sheer plate, etc.)	NVIC 07-68 IV(B) MSM II/B.3.B	
HI01.3	Examine seachest(s), strainers and emergency bilge suction and overboard discharges for wastage, defect(s), and damage	46 CFR 61.20-5 NVIC 07-68 II(A) 46 CFR 128.110	
HI01.4	Verify condition of drydock (bottom) plugs	NVIC 07-68 II(A) MSM II/B.3.B	
HI01.5	Verify wastage/corrosion is within limits	NVIC 07-68 III(C) ABS 7-A-4/27	
HI01.6	Ensure unsatisfactory condition(s) are resolved	46 CFR 42.09-45 MSM II/B.3.B	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of vessel construction & repair nomenclature including scantlings/structural members. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI02 Inspect hull markings

Condition: *During drydock inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 67 Documentation of Vessels
 3. Title 46, Code of Federal Regulations Part 69 Measurement of Vessels
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
HI02.1	Verify placement of hull markings	46 CFR 131.210-.230 46 CFR 67.120 & 69.177 46 CFR 42.13-40	
HI02.2	Verify markings are permanently affixed	46 CFR 131.210-.230 46 CFR 67.121 46 CFR 42.13-40	
HI02.3	Verify markings are of contrasting colors	46 CFR 131.220(f) 46 CFR 42.13-40	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI03 Inspect main propulsion propeller(s)

Condition: During drydock inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI03.1	Examine condition	46 CFR 126.470 46 CFR 61.20-5(a)	
HI03.2	Verify locking nut is installed and secured	46 CFR 58.01-5 ABS 7-4-1/1 ABS 7-5-1/1.5 & 3.5	
HI03.3	Witness NDT of propeller coupling bolts and flange radius	46 CFR 61.20-18(c) ABS 7-5-1/3.5	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of propeller components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI04 Inspect tailshaft(s) and stern bearing(s)**Condition:** During drydock inspection, giving consideration to the number of separate propulsion shaft(s), the materials of fabrication and the type of bearing lubrication used**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI04.1	Determine if tailshaft(s) need to be drawn	46 CFR 126.470 & 61.20-17 46 CFR 58.01-5 & ABS 7-2-1/13 MSM II/B.3.D.3	
HI04.2	Verify bearing clearance, inboard seal assembly and record of lube oil analysis are within limits	46 CFR 61.20-17(e) & 20-23(c) ABS 7-5-1/1 & 3 ABS 7-5-2/1	
HI04.3	Visually examine shaft	46 CFR 61.20-18(a) & .20-23(a) ABS 7-5-1/1 & 3 ABS 7-5-2/1	
HI04.4	Witness non-destructive testing (NDT) of shaft's taper section and keyway	46 CFR 61.20-18(b) ABS 7-5-1/1	
HI04.5	Verify condition and wear down of strut bearing(s)	MSM II/B.3.D.10	
HI04.6	Verify condition of blade hardware on Controllable Pitch Propeller (CPP)	ABS 7-5-1/3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Dynamic Positioning Inspection (DP)

All OSVs

Task: OI-DP01 Check Dynamic Positioning operations

Condition: During bridge/navigation inspection

Standard: Voluntary compliance with applicable guidance

- References:**
1. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 2. 77 Federal Register 62247 Dynamic Positioning Operations Guidance for Vessels Other Than MODUs Operating on the U.S. OCS
 3. Marine Technology Society's DPC Dynamic Positioning Operation Guidance - Part 2, 2012

Steps		References	Initials
DP01.1	Verify master awareness of Federal Register Notice 77 FR 62247	77 FR 62247	
DP01.2	Verify Critical Activity Mode of Operation (CAMO) is identified	MTS DP Ops Guide 2/4.9	
DP01.3	Verify operations are within an Activity Specific Operating Guideline (ASOG)	MTS DP Ops Guide 2/4.9	
DP01.4	Document findings in MISLE	MSM II/A.3	

Verifying Officer Guidance: Trainee shall demonstrate a knowledge of the different classes of DP systems, the minimum requirements for each class, system components and their integration. Recommend MITO or Training Officer download reference 2 from the following website: http://www.dynamic-positioning.com/dp_operations_guidance.cfm.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Helo Deck Inspection (HD)

All OSVs

Task: OI-HD01 Inspect helideck

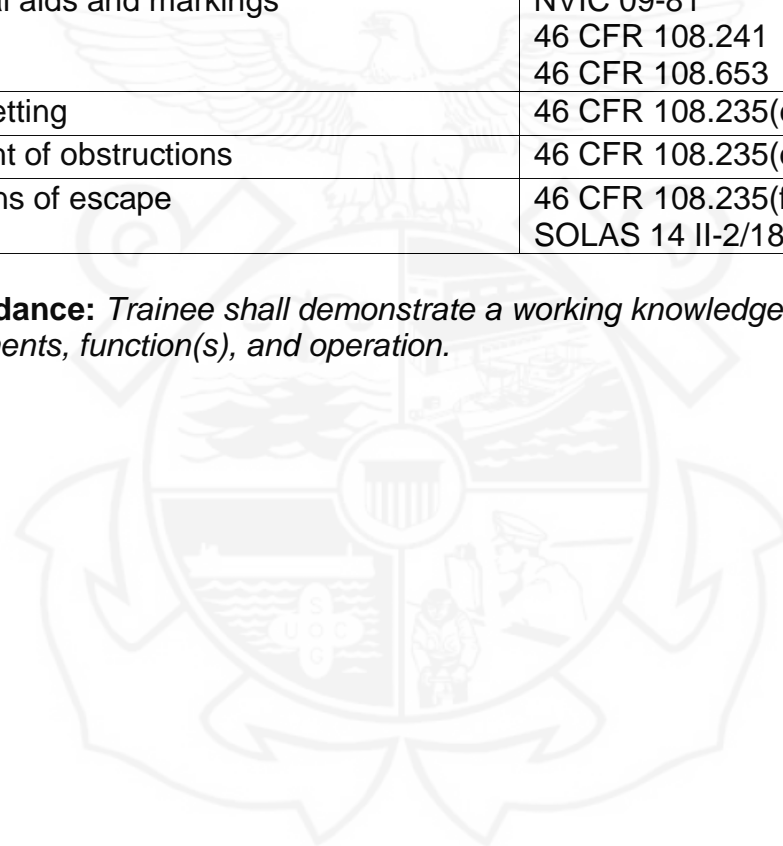
Condition: While on deck walk

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
 2. NVIC 09-81 Coast Guard Guidance Regarding Shipboard Helicopter Facilities
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
HD01.1	Verify visual aids and markings	NVIC 09-81 46 CFR 108.241 46 CFR 108.653	
HD01.2	Examine netting	46 CFR 108.235(e)	
HD01.3	Verify height of obstructions	46 CFR 108.235(d)(4)	
HD01.4	Verify means of escape	46 CFR 108.235(f) SOLAS 14 II-2/18.4	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the helideck requirements, components, function(s), and operation.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Helo Deck Inspection (HD)****All OSVs****Task:** OI-HD02 Inspect fire fighting system(s) for helideck**Condition:** While on deck walk**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
 2. Title 46, Code of Federal Regulations Part 95 Cargo & Miscellaneous Vessels - Fire Protection Equipment
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. NVIC 06-72, Ch. 1 Guide to Fixed Fire Fighting Equipment aboard Merchant Vessels
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
HD02.1	Verify foam agent	46 CFR 132.320 46 CFR 108.487 SOLAS 14 II-2/18.5	
HD02.2	Verify location(s) of hydrants	46 CFR 108.486 SOLAS 14 II-2/18.5.1.5	
HD02.3	Verify annual tests reports	MSM II/C.2.I.1 NVIC 06-72 Ch.1	
HD02.4	Examine equipment and condition	46 CFR 99.17	
HD02.5	Examine equipment for refueling facility	46 CFR 108.489(b) SOLAS 14 II-2/18.7	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's and/or system's components, function(s), characteristics of the extinguishing agent, type approval and operation. They should also confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs. Trainee shall have a working knowledge of the information contained in NFPA 11 regarding Testing of Foam Systems and Inspection of Foam Concentrate.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI01 Inspect steering gear**Condition:** During machinery equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI01.1	Examine electrical, mechanical, and hydraulic connections and linkages of main and auxiliary (emergency) systems	46 CFR 126.430 MSM II/C.4.B	
MI01.2	Verify operation of communications between bridge and emergency steering station(s)	46 CFR 130.110 SOLAS 14 II-1/29.10	
MI01.3	Witness operational test of systems, in all modes of operation from emergency steering station(s)	46 CFR 130.130/140 SOLAS 14 II-1/29.3.2 MSM II/C.4.C	
MI01.4	Verify accuracy of rudder angle repeaters	46 CFR 130.130(h) 46 CFR 130.140(b)(12) SOLAS 14 II-1/29.11	
MI01.5	Verify markings and operating instructions	46 CFR 131.845 SOLAS 14 V/26.3.1 46 CFR 130.130 & .140	
MI01.6	Witness operational test of auxiliary steering arrangement	SOLAS 14 II-1/29.4.2	
MI01.7	Witness operational test of alarms	46 CFR 130.460(a) 46 CFR 58.25-25 SOLAS 14 II-1/29.8.4 & 29.12.2	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI02 Inspect fuel oil service and transfer system**Condition:** During machinery equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 2. Title 46, Code of Federal Regulations Parts 56 & 58
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI02.1	Verify transfer procedures are posted or available	46 CFR 131.935 33 CFR 155.720 & .740(c) MSM II B.6.D.16	
MI02.2	Verify installation, arrangement and condition of piping, manifolds and filters	46 CFR 128.110 46 CFR 56.50-75 46 CFR 56.50-60	
MI02.3	Verify flange or mechanical joint(s) are fitted with a suitable shield	46 CFR 56.50-60(j) SOLAS 14 II-2/4.2.2.5 SOLAS 14 II-2/4.2.2.6	
MI02.4	Examine nonmetallic flexible hoses and fittings	46 CFR 56.50-75(b)(3) 46 CFR 56.50-70(b)(2)(i) 46 CFR 56.60-25(b)	
MI02.5	Verify operation of transfer pump(s) and remote shutdown(s)	46 CFR 58.01-25	
MI02.6	Witness test of remotely operated fuel oil system valve(s)	46 CFR 56.50-60(d)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI03 Inspect main propulsion system(s)**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 2. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 3. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 4. Title 46, Code of Federal Regulations Parts 126, 127 & 128
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI03.1	Examine condition, installation and arrangements of various system components	46 CFR 126.470 46 CFR 61.20-3(a) MSM II/B.1.F.4	
MI03.2	Examine foundations for structural integrity	46 CFR 126.430	
MI03.3	Verify installation of protective covers or guards	46 CFR 127.330	
MI03.4	Examine system's hull penetrations for structural integrity	46 CFR 128.230 46 CFR 128.430 46 CFR 56.50-95	
MI03.5	Examine condition of air intakes screens and crankcase explosion relief valves	46 CFR 126.430 46 CFR 58.05-1(a) SOLAS 14 II-1/27.4	
MI03.6	Verify condition and integrity of propulsion shaft couplings	46 CFR 126.430	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Machinery Equipment Inspection (MI)

All OSVs

Task: OI-MI04 Inspect non-metallic expansion joints

Condition: During machinery equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 2. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI04.1	Examine condition	46 CFR 128.110 46 CFR 61.15-12(a) SOLAS 14 II-1/26.9	
MI04.2	Verify compliance with 10 year "in-service" requirement	46 CFR 61.15-12(b) MSM II/B.3.F.3	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Expansion joints should be inspected externally for signs of excessive wear, fatigue, deterioration, physical damage, misalignment, improper flange-to-flange spacing and leakage. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI05 Witness operational test of main propulsion automation**Condition:** During machinery equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 2. Title 46, Code of Federal Regulations Part 62 Vital System Automation
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 5. NVIC 01-78 Ch-1 Automation of Offshore Supply Vessels of 100 Gross Tons and Over

Steps		References	Initials
MI05.1	Determine applicability	46 CFR 62 46 CFR 128.110 & 130.400 NVIC 01-78	
MI05.2	Verify no manual override devices not approved in test procedures	46 CFR 130.480 46 CFR 62.30-10 46 CFR 61.40	
MI05.3	Witness operation of alarms, shutdowns, controls and internal communications (engineer assistance), IAW approved test procedure	46 CFR 130.450 46 CFR 61.40	
MI05.4	Verify bridge controls/alarms function in sync with engineroom control panel	46 CFR 130.460 46 CFR 61.40	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's arrangements, components, safe operation and how to use an approved test procedure. Trainee must have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course. Trainee shall have a working knowledge of the following NVICs: 1- 69 (Automated Main and Auxiliary Machinery), 6-84 (Supplemental Guidance on Automated Main and Auxiliary Machinery and 1-78, CH-1 (Automation on OSVs of 100GT and more).

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI06 Inspect Unfired Pressure Vessels (UPVs)**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 54 Pressure Vessels
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI06.1	Verify data plate(s) are legible	46 CFR 128.110 46 CFR 54.10-20	
MI06.2	Determine if UPV is exempt from inspection	46 CFR 54.01-15	
MI06.3	Verify external and/or an internal exam and/or hydrostatic test needs	46 CFR 61.10-5(b) 46 CFR 61.10-5(d) 46 CFR 61.10-5(e)	
MI06.4	Examine externally	46 CFR 61.10-5(b)(1)	
MI06.5	Examine internally (when accessible)	46 CFR 61.10-5(b)(2) 46 CFR 54.01-35 MSM II/B.1.O	
MI06.6	Witness hydrostatic test	46 CFR 61.10-5(d) 46 CFR 61.10-5 (e)(4) MSM II/B.1.O	
MI06.7	Verify installation and operation of pressure gauges	46 CFR 54.15-5(f)	
MI06.8	Verify installation and operation of pressure-relieving devices	46 CFR 54.15-5 46 CFR 61.10-5(i) 46 CFR 54.15-10(a) & (g)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Machinery Equipment Inspection (MI)

All OSVs

Task: OI-MI07 Inspect refrigeration/air conditioning system(s)

Condition: During machinery equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
MI07.1	Examine installation and condition	46 CFR 128.410	
MI07.2	Verify compliance with MARPOL Annex VI	MARPOL VI/12	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All OSVs****Task:** OI-MI08 Inspect bilge system**Condition:** During machinery equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 2. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
MI08.1	Verify location and operation of pump(s)	46 CFR 128.440 46 CFR 56.50-55(a) 46 CFR 56.50-55(e)	
MI08.2	Verify emergency bilge suction	46 CFR 56.50-50(f)(3)	
MI08.3	Examine manifolds, valves and piping	46 CFR 56.50-50(c) 46 CFR 56.50-50(d)	
MI08.4	Verify bilge system pumping capabilities	46 CFR 56.50-50(a)(1)	
MI08.5	Verify remote valve controls are fitted with nameplates	46 CFR 56.50-1(g)(2)(i)	
MI08.6	Verify bilge suction(s) are fitted with strainer(s)	46 CFR 56.50-50(g)	
MI08.7	Verify pollution placard is posted	46 CFR 131.935 33 CFR 155.450	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Machinery Equipment Inspection (MI)

All OSVs

Task: OI-MI09 Inspect ballast system

Condition: During machinery equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. NVIC 0-18 Ballast Water Management for Control of Non-Indigenous Species In Waters of the United States

Steps		References	Initials
MI09.1	Verify method for compliance	33 CFR 151.2025(a) NVIC 01-18	
MI09.2	Examine pump condition and operation	46 CFR 128.110 46 CFR 56.50-50	
MI09.3	Examine manifolds, piping, and valve(s) arrangement and structural integrity	46 CFR 56.50-50(h)-(k)	
MI09.4	Verify remote valve controls are fitted with nameplates	46 CFR 56.50-1(g)(2)(i)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Also, have a basic understanding of engineering principles and concepts. For trainees without prior engineering experience or training, they may find it valuable to complete the on-line Machinery Inspector course. Trainee shall know the various methods for compliance with the Ballast Water Management for the Control of Non-indigenous Species in Water of the US.*

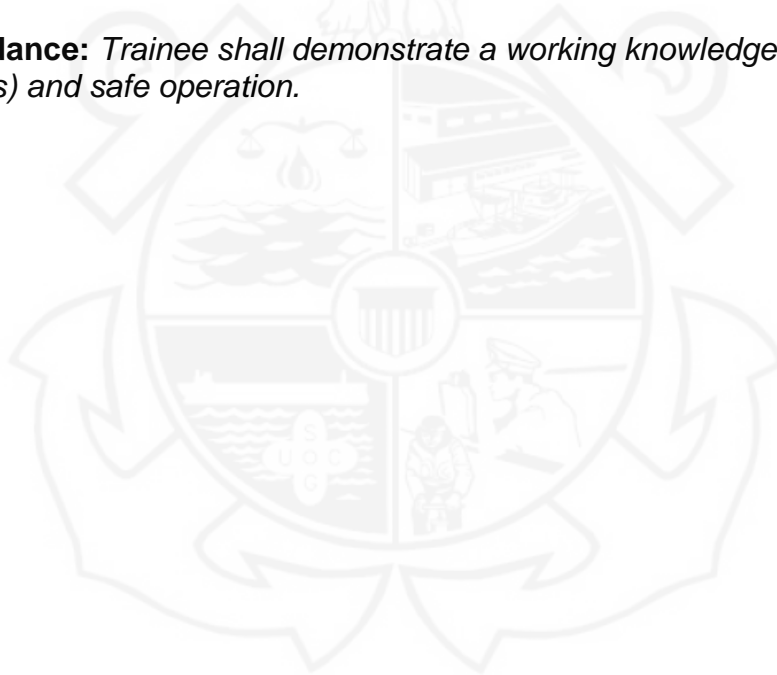
Trainee shall also be knowledgeable in the use of the CG Ballast Water Management Job Aid (BWM Job Aid, 16 Aug 2017) and NVIC 01-18 specifically addressing Compliance Verification (Encl 1.D.8). Trainee shall also be knowledgeable in the use of the CG Ballast Water Management Job Aid (BWM Job Aid, 16 Aug 2017) and NVIC 01-18 specifically addressing Compliance Verification (Encl 1.D.8)

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES01 Inspect switchboard(s)**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations

Steps		References	Initials
ES01.1	Verify location, condition and installation	46 CFR 129.330 (a) 46 CFR 129.330 (b) 46 CFR 129.330 (d)	
ES01.2	Verify non-conductive handrail and matting or grating on deck	46 CFR 129.330 (c) 46 CFR 129.330 (g)	
ES01.3	Verify meters, controls and gauges are operational	46 CFR 129.320 (c)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*

**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES02 Inspect main service and propulsion generator(s) and prime mover(s)**Condition:** During machinery equipment inspection while engine(s) is/are running**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 4. Title 46, Code of Federal Regulations Parts 111, 129 & 130
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. ABS Rules for Building and Classing Steel Vessels, Part 4 Vessel Systems and Machinery

Steps		References	Initials
ES02.1	Examine condition of components	46 CFR 126.470 46 CFR 61.20-3(a)	
ES02.2	Verify installation of machinery covers and guards	46 CFR 127.330	
ES02.3	Verify required gauges	46 CFR 129.320(c)	
ES02.4	Verify set point and operation of over speed shut-down	46 CFR 129.110 46 CFR 111.12-1(b) ABS 4-2-1/7.5.3	
ES02.5	Verify set point and operation of lube oil shut-down	46 CFR 129.110 46 CFR 111.12-1(c)	
ES02.6	Verify set point and operation of high jacket water temperature alarm	46 CFR 130.460(a)(6)(ii)	
ES02.7	Verify operation of reverse power relays	46 CFR 129.323 46 CFR 111.12-11(f)	
ES02.8	Verify power source(s) requirements	46 CFR 129.310-.315 SOLAS 14 II-1/41	
ES02.9	Verify generator(s) nameplates are attached	46 CFR 129.329(d) ABS 4-2-1/1.1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES03 Inspect emergency generator(s) and prime mover(s)**Condition:** *During machinery equipment inspection while engine(s) is/are running***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Parts 56 & 61
 2. Title 46, Code of Federal Regulations Parts 111 & 112
 3. Title 46, Code of Federal Regulations Parts 126, 127, 128 & 129
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 4 Vessel Systems and Machinery

Steps		References	Initials
ES03.1	Determine applicability	46 CFR 129.110 46 CFR 112.05-05 SOLAS 14 II-1/43.3	
ES03.2	Determine prime mover requirement	46 CFR 112.50-1 46 CFR 111.12-1	
ES03.3	Verify starting requirements	46 CFR 129.110 46 CFR 112.50-1 SOLAS 14 II-1/44	
ES03.4	Inspect starting system(s)	46 CFR 112.50-1(e) 46 CFR 112.50-1(k) SOLAS 14 II-1/44.3	
ES03.5	Verify operation of auto-start function	SOLAS 14 II-1/43.3 46 CFR 112.50-1(d) MSM II/B.1.L.2	
ES03.6	Examine condition	46 CFR 126.470 46 CFR 61.20-3(a)	
ES03.7	Verify installation of machinery covers and guards	46 CFR 127.330	
ES03.8	Verify operation of alarm(s)	46 CFR 112.50-1(h) or (i)	
ES03.9	Verify gauges	46 CFR 129.320(c) ABS 4-2-1/7.17	

[Task OI-ES03 continued on next page]

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

ES03.10	Verify marking and operation of remote fuel shutoff valve(s)	46 CFR 128.110 46 CFR 56.50-60(d) SOLAS 14 II-2/4.2.2.3.4	
ES03.11	Verify set point and operation of over speed shut-down	46 CFR 129.110 46 CFR 111.12-1(b) & 112.50-1(g) ABS 4-2-1/7.5.3	
ES03.12	Verify set point and operation of lube oil shut-down	46 CFR 129.110 46 CFR 111.12-1(c) 46 CFR 112.50-1(g)	
ES03.13	Verify generator nameplates attached	46 CFR 129.320(d)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES04 Inspect battery installation**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations

Steps		References	Initials
ES04.1	Determine size	46 CFR 129.353	
ES04.2	Verify ventilation	46 CFR 129.356 46 CFR 111.15-10	
ES04.3	Verify secured	46 CFR 129.350 (b)	
ES04.4	Verify space for maintenance and removal	46 CFR 129.350(c)	
ES04.5	Verify means of charging	46 CFR 129.350 (f)	
ES04.6	Verify operation of power ventilation interlock with charger	46 CFR 111.15-10(b)(4)	
ES04.7	Verify connections	46 CFR 129.350 (d)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES05 Inspect motor controllers**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations

Steps		References	Initials
ES05.1	Verify installation	46 CFR 129.110 46 CFR 111.70-3	
ES05.2	Verify marking(s)	46 CFR 129.110 46 CFR 111.70-3(d)(1)(vi)	
ES05.3	Verify wiring diagram in enclosure	46 CFR 129.110 46 CFR 111.70-3(d)(2)	
ES05.4	Verify drip-proof/watertight	46 CFR 129.210	
ES05.5	Verify low voltage release motor controller for vital systems	46 CFR 111.70-3(b)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Electrical Systems Inspection (ES)

All OSVs

Task: OI-ES06 Inspect lighting system(s)/fixture(s)

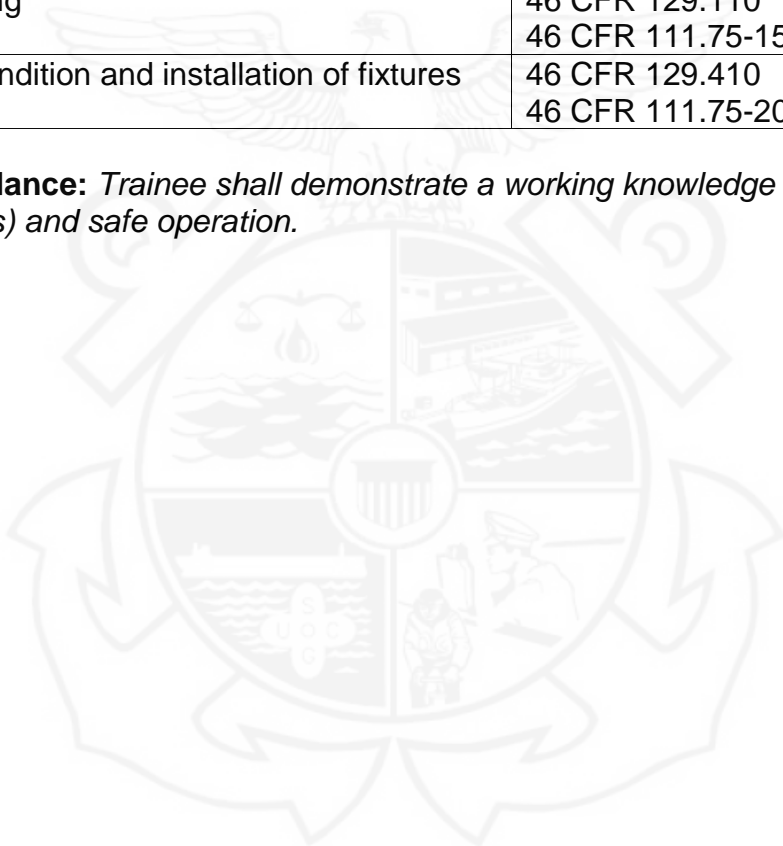
Condition: *During inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations

Steps		References	Initials
ES06.1	Verify lighting	46 CFR 129.110 46 CFR 111.75-15	
ES06.2	Examine condition and installation of fixtures	46 CFR 129.410 46 CFR 111.75-20	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES07 Inspect emergency lighting**Condition:** *During inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 112 Emergency Lighting & Power Systems
 3. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
ES07.1	Verify location	46 CFR 129.110 & 46 CFR 112.05-5 46 CFR 111.75-15(c)(2) SOLAS 14 II-1/43	
ES07.2	Verify markings	46 CFR 131.840	
ES07.3	Verify operation	46 CFR 129.440(b) & 46 CFR 111.75-15(c)(2) 46 CFR 131.525 SOLAS 14 II-1/43	
ES07.4	Verify operation of embarkation station lighting	46 CFR 129.110 46 CFR 111.75-16	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Electrical Systems Inspection (ES)

All OSVs

Task: OI-ES08 Inspect distribution panel(s)

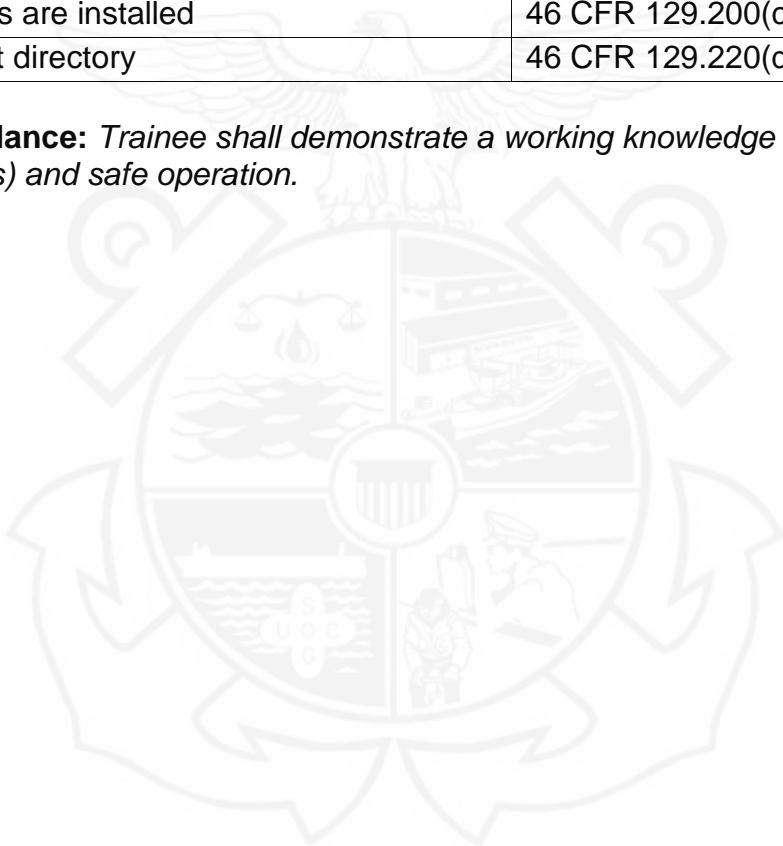
Condition: *During machinery equipment inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References: 1. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations

Steps		References	Initials
ES08.1	Verify location and drip proof	46 CFR 129.330	
ES08.2	Examine condition and installation	46 CFR 129.200-.220	
ES08.3	Verify blanks are installed	46 CFR 129.200(c)	
ES08.4	Verify circuit directory	46 CFR 129.220(d)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation.*



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Electrical Systems Inspection (ES)****All OSVs****Task:** OI-ES09 Inspect electrical cables and fixtures**Condition:** *During machinery equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. IEEE Std 45, Recommended Practice for Electrical Installations on Shipboard, 1977

Steps		References	Initials
ES09.1	Verify supports for vertical and horizontal installations	46 CFR 129.340(b) 46 CFR 129.110 IEEE 45/20.5	
ES09.2	Verify radius of bends	46 CFR 129.340(b) IEEE 45/20.6	
ES09.3	Verify no hazardous conditions exist	46 CFR 129.200-.220 46 CFR 111.60-17	
ES09.4	Verify condition of outlets	46 CFR 129.220(c) 46 CFR 111.79-1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's nomenclature, function(s) and safe operation.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Electrical Systems Inspection (ES)

All OSVs

Task: OI-ES10 Inspect components installed in designated hazardous locations

Condition: During machinery equipment inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 2. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 3. NFPA 70 National Electrical Code (NEC), 2002

Steps		References	Initials
ES10.1	Verify hazardous location(s)	46 CFR 129.520 46 CFR 111.105-9 NEC Article 500.5	
ES10.2	Verify fixtures for hazardous location(s)	46 CFR 129.520 46 CFR 111.105-9 & -11	
ES10.3	Verify integrity of system(s)	46 CFR 111.105-5	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s) and safe operation. Trainee shall clearly state the risks that equipment installed in hazardous areas pose to the vessel and personnel. Trainee shall demonstrate a working knowledge of the requirements found in NEC, UL and IEC for compliance with Explosion-proof, Flame-proof and/or Intrinsically Safe systems.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All OSVs****Task:** OI-SW01 Inspect hatches and Class-1 watertight doors**Condition:** During structural/watertight integrity inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Parts 125 & 127
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels
 5. Title 46, Code of Federal Regulations Part 174 Subdivision & Stability - Specific Vessel Types
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
SW01.1	Verify condition of knife edges	46 CFR 125.140 & 127.230 46 CFR 42.15-10 46 CFR 174.210	
SW01.2	Verify condition of gasket material	MSM II/B.1.E.5	
SW01.3	Verify watertight integrity between gasket and knife edge	46 CFR 174.210 46 CFR 170.270 MSM II/B.1.E.5	
SW01.4	Verify condition and operation of hinges and dogging devices	MSM II/B.1.E.5	
SW01.5	Verify design ,operation, installation and testing of quick-acting closing-device	46 CFR 174.210(c)(1) 46 CFR 170.270(a),(b) & (e)	
SW01.6	Verify operation of indicator lights at the control station	46 CFR 174.210(c)(3)	
SW01.7	Verify markings	46 CFR 174.210(d) 46 CFR 131.893	
SW01.8	Verify doors are installed in permissible locations	46 CFR 170.255	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment components, function(s) and operation.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All OSVs****Task:** OI-SW02 Inspect Class 2 & 3 watertight doors**Condition:** During structural/watertight integrity inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels
 4. ASTM F1196 Standard Specification for Sliding Watertight Door Assemblies, 2008
 5. ASTM F1197 Standard Specification for Sliding Watertight Door Control Systems, 2007

Steps		References	Initials
SW02.1	Verify operation of local controls	46 CFR 127.230 46 CFR 170.270(c)(2) ASTM F1197/7.1	
SW02.2	Verify operation of remote controls	ASTM F1197/7.1	
SW02.3	Verify condition of replaceable interface between door and frame assembly	46 CFR 170.270(c)(1) ASTM F1196/6.3	
SW02.4	Verify operation of alarms	ASTM F1197/11.5	
SW02.5	Verify closing times are in compliance	ASTM F1197/11.2 & .4	
SW02.6	Verify markings	46 CFR 131.893 ASTM F1196/11.1 ASTM F1196/S4	
SW02.7	Verify watertight integrity	ASTM F1196/S1	
SW02.8	Verify operation of doors under reserve power	46 CFR 170.270(c)(3) ASTM F1197/S3	
SW02.9	Verify watertight doors are installed in permissible locations	46 CFR 170.260 46 CFR 170.265	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment components, function(s) and operation.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All OSVs****Task:** OI-SW03 Inspect watertight bulkhead penetrations**Condition:** *During structural/watertight integrity inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 174 Subdivision & Stability - Specific Vessel Types
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
SW03.1	Verify locations	46 CFR 127.230 46 CFR 174.190 46 CFR 174.195	
SW03.2	Verify ability to seal	46 CFR 128.230 46 CFR 56.50-1 MSM II/B.1.B.5 & .6	
SW03.3	Verify sealing material approval(s)	46 CFR 56.50-1(a)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment' components, function(s) and operation. Also, clearly state the reasons for maintaining effective watertight boundaries especially with regards to bulkhead/deck penetrations.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Structural/Watertight Integrity Inspection (SW)

All OSVs

Task: OI-SW04 Inspect hull structure

Condition: During structural/watertight integrity inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
SW04.1	Examine for damage, wastage and fractures	46 CFR 126.430 MSM II/B.1.B.1	
SW04.2	Verify no unauthorized repairs	46 CFR 126.150	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel scantling nomenclature.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs****Task:** OI-PP01 Inspect Oily Water Separator (OWS)**Condition:** *During pollution prevention inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 3. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 4. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 5. IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017
 6. Manufacturer's Instructions

Steps		References	Initials
PP01.1	Verify approval	46 CFR 131.935 33 CFR 155.380 MARPOL I/14	
PP01.2	Verify overboard discharge valve is closed	33 CFR 151.10 MARPOL I/14 IMO Res A.1120(30)	
PP01.3	Witness operation	33 CFR 155.380 MARPOL I/14 & IMO Res A.1120(30) Manufacturer's Instructions	
PP01.4	Verify means to retain oily waste	33 CFR 155.330-.370 MARPOL I/14.3-.5 & IMO Res A.1120(30)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment components, requirements, function(s), type approval and operation and how to use the information to verify active compliance.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs****Task:** OI-PP02 Inspect sewage system**Condition:** *During pollution prevention inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 159 Marine Sanitation Devices
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 4. MO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017
 5. Manufacturer's Instructions

Steps		References	Initials
PP02.1	Verify presence of manufacturer's instructions	33 CFR 159.57	
PP02.2	Verify operation	46 CFR 131.940 33 CFR 159.57 & IMO Res A.1120(30) Manufacturer's Instruction	
PP02.3	Verify Marine Sanitation Device (MSD) approval	33 CFR 159.7 MSM II/B6.F.4	
PP02.4	Verify capacity	33 CFR 159.57(b)(8)	
PP02.5	Verify piping and wiring	33 CFR 159.97	
PP02.6	Verify instructions and warning placard posted	33 CFR 159.59	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of pollution prevention equipment components, requirements, function(s) and operation. It is important to verify if the capacity of the MSD is adequate for the vessel's crew/personnel complement.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs****Task:** OI-PP03 Conduct garbage handling (MARPOL Annex V) survey**Condition:** *During pollution prevention inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water
 2. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 3. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified

Steps		References	Initials
PP03.1	Verify plan compliance	46 CFR 131.935 33 CFR 151.51 & .57 MARPOL V/10.2	
PP03.2	Verify handling of plastics	33 CFR 151.55 MARPOL V/10.3	
PP03.3	Verify placards posted	33 CFR 151.59 MARPOL V/10.1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the plan's format, purpose and how to verify active compliance.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs**

Task: OI-PP04 Conduct an International Air Pollution Prevention (IAPP MARPOL Annex VI) survey

Condition: During pollution prevention inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 40, Code of Federal Regulations Part 1043 Control of NOx, SOx & PM Emissions from Marine Engines & Vessels Subject to the MARPOL Protocol
 2. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 3. CG-543 Policy Letter 09-01 Guideline for Ensuring Compliance with Annex VI, MARPOL 73/78
 4. IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017

Steps		References	Initials
PP04.1	Verify equipment/systems containing Chloro Flouro Carbons (CFCs), Hydro CFCs and Volatile Organic Compounds (VOCs) are on certificate	MARPOL VI/12	
PP04.2	Verify presence of equipment on certificate and approvals	MARPOL VI/4 IMO Res A.1120(30)	
PP04.3	Verify compliance with Emission Control Area (ECA)	MARPOL VI/13 & 14 MARPOL VI/App-VII CG-543 Policy Ltr 09-01	
PP04.4	Review exhaust cleaning systems equivalency documentation	MARPOL VI/4	
PP04.5	Review delivery notes	MARPOL VI/18.5 & App V	
PP04.6	Verify samples	MARPOL VI/18.8.1	
PP04.7	Verify compliance with NOx and SOx	MARPOL VI/13 & 14 40 CFR 1043.30 CG-543 Policy Ltr 09-01	
PP04.8	Review notification(s) of fuel oil availability and quality	MARPOL VI/18.2.4	

Verifying Officer Guidance: Trainee shall clearly state how to use the information in all certificates, delivery notes and other documentation in order to verify active compliance.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Pollution Prevention Inspection (PP)

All OSVs

Task: OI-PP05 Conduct Vessel General Permit (VGP) compliance verification

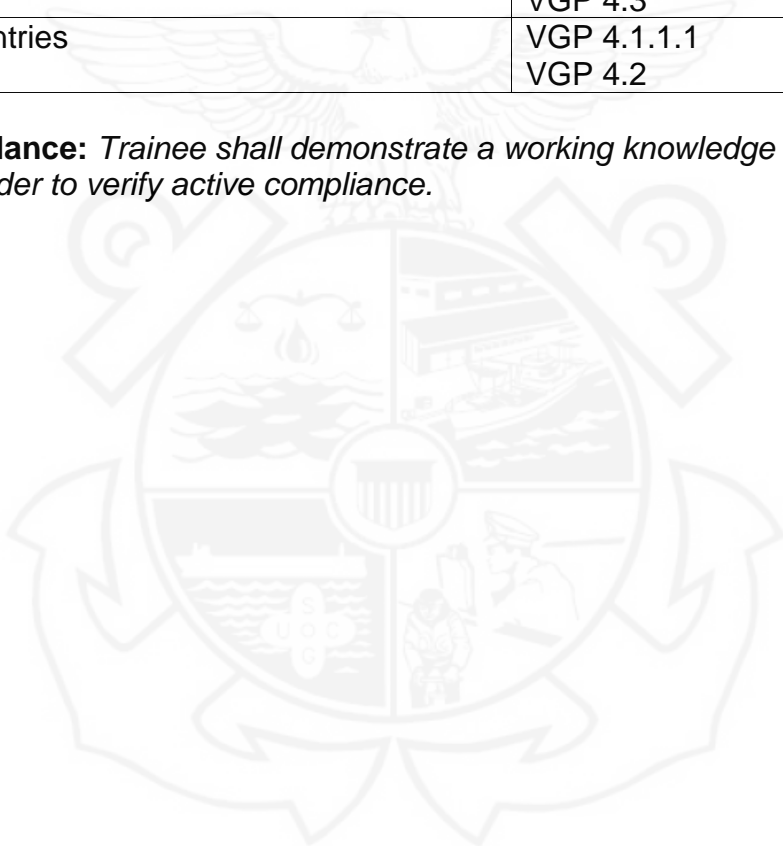
Condition: During pollution prevention inspection

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. EPA Vessel General Permit for Discharges Incidental to the Normal Operation of Vessels (VGP), 2013

Steps		References	Initials
PP05.1	Verify discharges are in compliance with VGP	VGP 2.2.3.2 VGP 4.3	
PP05.2	Verify log entries	VGP 4.1.1.1 VGP 4.2	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of VGP applicability and requirements in order to verify active compliance.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs****Task:** OI-PP06 Inspect pollution prevention equipment**Condition:** During pollution prevention inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 154 Facilities Transferring Oil or Hazardous Materials in Bulk
 2. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 3. Title 33, Code of Federal Regulations Part 156 Oil & Hazardous Material Transfer Operations
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
PP06.1	Determine applicability	46 CFR 131.935 MSM II/B.6.D.1	
PP06.2	Verify communication between participants in transfer operations	33 CFR 155.785	
PP06.3	Verify transfer hoses tested and marked	33 CFR 155.800 33 CFR 154.500 MSM II/B.6.E.8	
PP06.4	Verify locations of pollution/MARPOL placards	33 CFR 155.450	
PP06.5	Verify condition of hose and manifold connections	33 CFR 156.170	
PP06.6	Verify condition and size of containment (when applicable)	33 CFR 155.320 MSM II/B.6.D.6	
PP06.7	Verify containment closures	33 CFR 156.120(n) 33 CFR 156.120(o)	
PP06.8	Verify sufficient lighting	33 CFR 155.790	
PP06.9	Verify signed copies of Declaration of Inspection are present	33 CFR 156.150(f) MSM II/B.6.E.6	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of pollution prevention equipment components, requirements, function(s) and operation. *Safety Note: It is important for the trainee to know that any portable radio devices used during the transfer of flammable or combustible liquids must be intrinsically safe and meet Class 1, Division 1, Group D requirements: 33 CFR 155.785(d).*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All OSVs****Task:** OI-PP07 Conduct an IOPP (MARPOL Annex I) survey**Condition:** During pollution prevention inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 33, Code of Federal Regulations Part 151 & 155
 3. International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as modified
 4. IMO MEPC.1/Circ. 736/Rev.2 Guidance for the Recording of Operations in the Oil Record Book P
 5. art I – Machinery Space Operations (All Ships)
 6. IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017
 7. IOPP Certificate Supplement or Record of Construction and Equipment

Steps		References	Initials
PP07.1	Verify applicability	46 CFR 131.935 33 CFR 151.03 MARPOL I/2	
PP07.2	Verify standard discharge connection(s)	33 CFR 155.430 MARPOL I/13	
PP07.3	Verify oil record book entries	33 CFR 151.25 MARPOL I/17 IMO MEPC.1/Circ. 736/Rev.2	
PP07.4	Witness operational test of equipment	33 CFR 155.330-.380 MARPOL I/14 IMO Res A.1120(30)	
PP07.5	Verify piping and tank configuration	33 CFR 155.410-.430 MARPOL I/12	
PP07.6	Confirm equipment installation matches international certificate	IOPP Certificate Supplement IMO Res A.1120(30)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment components, requirements, function(s) and operation. In addition, a working knowledge of Plan/ORB format, purpose and how to use the information contained therein to verify active compliance. Note: If the survey is satisfactory it is important to remember to properly endorse and/or issue the IOPP certificate.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Topside Equipment Inspection (TE)

All OSVs

Task: OI-TE01 Examine freeing ports and scuppers

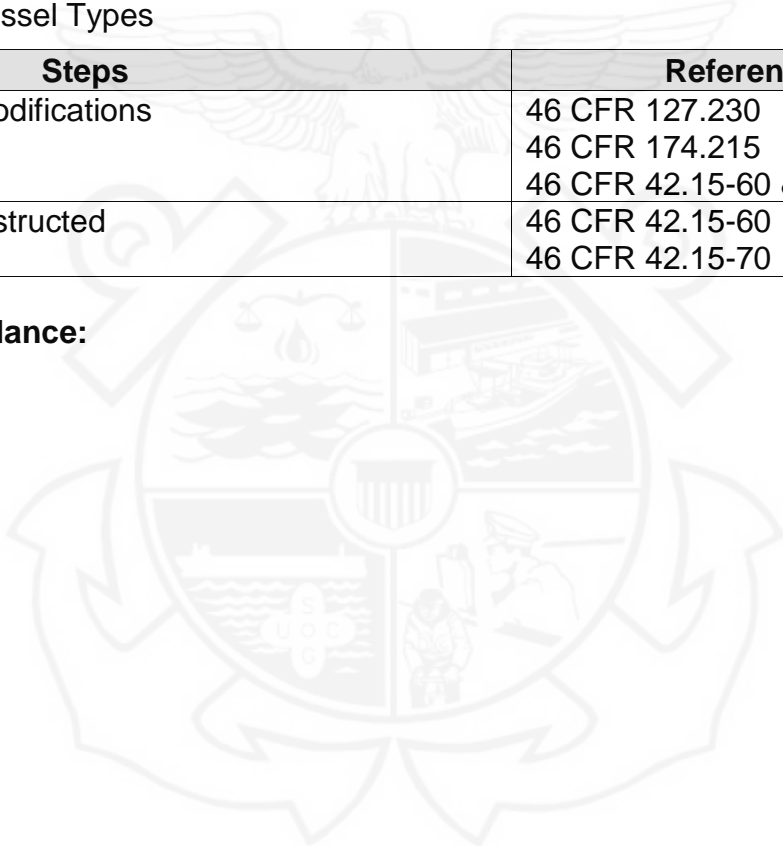
Condition: *During topside equipment and ground tackle inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. Title 46, Code of Federal Regulations Part 174 Subdivision & Stability - Specific Vessel Types

Steps		References	Initials
TE01.1	Verify no modifications	46 CFR 127.230 46 CFR 174.215 46 CFR 42.15-60 & -70	
TE01.2	Verify unobstructed	46 CFR 42.15-60 46 CFR 42.15-70	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Topside Equipment Inspection (TE)

All OSVs

Task: OI-TE02 Examine ground tackle and related equipment

Condition: *During topside equipment and ground tackle inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 2. ABS Rules for Building and Classing Steel Vessels, 1995 Part 3 Hull Construction and Equipment
 3. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
TE02.1	Determine size of anchor(s) required	46 CFR 130.240 ABS 3-5-1	
TE02.2	Verify operation of windlass	46 CFR 130.240 ABS 7-3-2/1.1.7	
TE02.3	Verify operation of capstan	46 CFR 130.240 ABS 7-3-2/1.1.7	
TE02.4	Examine condition of anchoring equipment	46 CFR 130.240 ABS 7-3-2/1.1.7	
TE02.5	Verify anchors are deployable	46 CFR 130.240 ABS 7-3-2/1.1.7	

Verifying Officer Guidance: *Trainee shall also demonstrate a working knowledge of ground tackle equipment, components, function(s) and operation and the importance of proper securing/storing. Also clearly state why it is important for the crew to maintain and know how to use it.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Topside Equipment Inspection (TE)****All OSVs****Task:** OI-TE03 Inspect mooring system and equipment**Condition:** *During topside equipment and ground tackle inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 3. Title 46, Code of Federal Regulations Part 184 SPV-T - Vessel Control & Miscellaneous Systems & Equipment
 4. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 5. ABS Rules for Building and Classing Steel Vessels, 1995 Part 3 Hull Construction and Equipment

Steps		References	Initials
TE03.1	Verify condition of bits, cleats, fairleads and winches	46 CFR 127.210 & 130.250 SOLAS 14 II-1/3-8.2 ABS 3-5-1.15 & 3-5-1 Table 2	
TE03.2	Verify mooring lines/wires sizes and condition	46 CFR 130.250 46 CFR 184.300 SOLAS 14 II-1/3-8.2	

Verifying Officer Guidance: *Trainee shall also demonstrate a working knowledge of ground tackle equipment, components, function(s) and operation and the importance of proper securing/storing. Also clearly state why it is important for the crew to maintain and know how to use it.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Topside Equipment Inspection (TE)****All OSVs****Task:** OI-TE04 Inspect air ports, dead covers and natural vent openings**Condition:** *During topside equipment and ground tackle inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 125 OSVs - General
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 5. International Convention on Load Lines (ICLL) 1966, as amended
 6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
TE04.1	Verify covers are readily available and operational	46 CFR 127.250 46 CFR 125.140 46 CFR 42.15-65	
TE04.2	Examine condition	46 CFR 126.430 46 CFR 42.15	
TE04.3	Examine covers for proper fit and seal	46 CFR 42.15 ICLL I/23 MSM II/B.1.E.5	

Verifying Officer Guidance:**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Topside Equipment Inspection (TE)****All OSVs****Task:** OI-TE05 Inspect tank vents**Condition:** *During topside equipment and ground tackle inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 21, Code of Federal Regulations Part 1250 Interstate Conveyance Sanitation
2. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems

Steps		References	Initials
TE05.1	Verify condition and location	46 CFR 128.110 46 CFR 56.50-85	
TE05.2	Verify installation and condition of flame screens (when applicable)	46 CFR 56.50-85(a)(8) 46 CFR 128.450(b)	
TE05.3	Verify permanently attached means for closing tank vents	46 CFR 56.50-85(a)(7)	
TE05.4	Verify tank vents are fitted with insect screens	21 CFR 1250.82(c)	

Verifying Officer Guidance:**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Topside Equipment Inspection (TE)

All OSVs

Task: OI-TE06 Inspect rails and guards

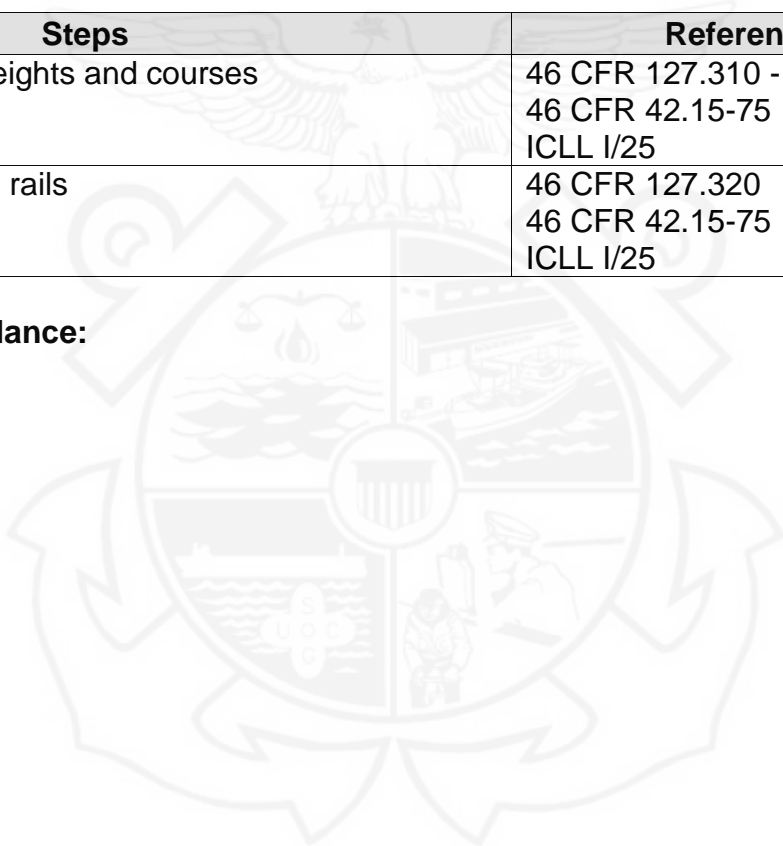
Condition: *During topside equipment and ground tackle inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 3. International Convention on Load Lines (ICLL) 1966, as amended

Steps		References	Initials
TE06.1	Verify rail heights and courses	46 CFR 127.310 - 330 46 CFR 42.15-75 ICLL I/25	
TE06.2	Verify storm rails	46 CFR 127.320 46 CFR 42.15-75 ICLL I/25	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Topside Equipment Inspection (TE)****All OSVs****Task:** OI-TE07 Examine cranes**Condition:** During topside equipment and ground tackle inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 107 MODU Inspection & Certification
2. Title 46, Code of Federal Regulations Part 109 MODU Operations
3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
4. American Petroleum Institute (API) Recommended Practice (RP) 2D - Operation & Maintenance of Offshore Cranes

Steps		References	Initials
TE07.1	Verify operation of controls, limits and stops	46 CFR 107.259 46CFR 126.130 API RP 2D	
TE07.2	Verify posting of load, rigger charts and control markings	46 CFR 109.525 API RP 2D	
TE07.3	Verify condition of wire rope, hooks, sheaves and blocks	API RP 2D	
TE07.4	Examine pedestal mounting	API RP 2D	
TE07.5	Examine hydraulic fittings and hoses	API RP 2D	
TE07.6	Verify boom angle indicator functions	API RP 2D	
TE07.7	Verify and Examine Crane Operator designation letter(s)	46 CFR 109.527(a)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of crane equipment , components, functions and operation. Trainee should know and understand the importance of crane maintenance including how to properly review and confirm the validity of a third party servicing report. It is also very important to confirm that all equipment has been properly reinstalled after any examination, testing and/or repairs. It is very important to review all of the information contained in the Crane Record Book prior to examining any crane. The book contains important current and historical documentation regarding any crane's certification, prior inspections/examinations, load tests, repairs made, certifications and load charts.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Topside Equipment Inspection (TE)

All OSVs

Task: OI-TE08 Witness 5-year load test on crane(s)

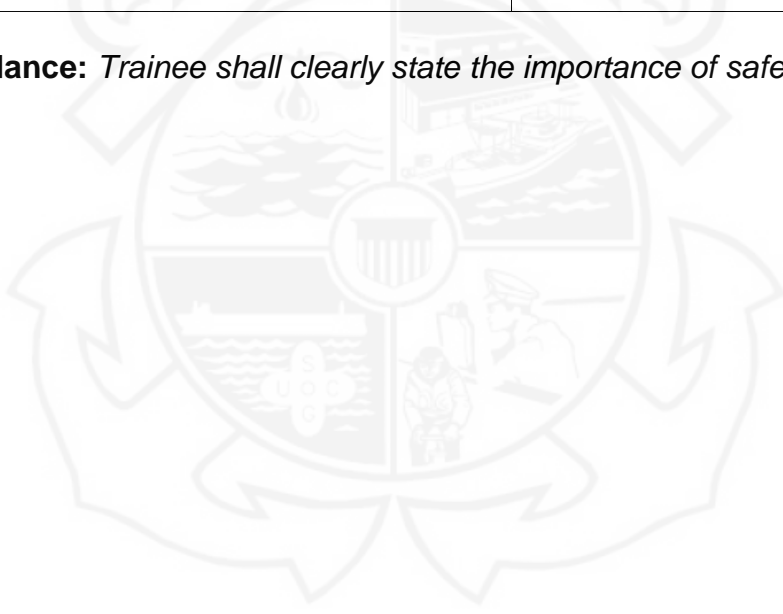
Condition: During topside equipment and ground tackle inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 3. American Petroleum Institute (API) Recommended Practice (RP) 2D - Operation & Maintenance of Offshore Cranes

Steps		References	Initials
TE08.1	Verify load test weight	46 CFR 126.130 46 CFR 107.260	
TE08.2	Verify third party certification or calibration of dynamometer (load cell)	46 CFR 107.259 API RP 2D	
TE08.3	Verify brake(s) hold with suspended load	API RP 2D	
TE08.4	Verify condition of hook	API RP 2D	

Verifying Officer Guidance: Trainee shall clearly state the importance of safety procedures during these tests.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Cargo Systems Inspection (CS)****All OSVs****Task:** OI-CS01 Inspect liquid cargo transfer system(s)**Condition:** *During machinery equipment inspection and/or on deck walk***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 2. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. Title 46, Code of Federal Regulations Part 129 OSVs - Electrical Installations
 5. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
CS01.1	Examine materiel condition of pump(s), manifold and piping	46 CFR 128.110 46 CFR 56.50-60	
CS01.2	Verify electrical equipment is appropriate for application and location	46 CFR 129.520	
CS01.3	Verify pump(s) and controls are operational	46 CFR 129.110 46 CFR 111.70	
CS01.4	Verify operation of remote shutdown(s)	46 CFR 131.935 46 CFR 129.540	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of cargo transfer system equipment components, function(s) and operation.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Cargo Systems Inspection (CS)****All OSVs****Task:** OI-CS02 Examine portable tank(s)**Condition:** *While on deck walk***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 98 Special Construction, Arrangement & Other Provisions for Certain Dangerous Cargoes in Bulk
 2. Title 46, Code of Federal Regulations Part 125 OSVs - General
 3. Title 46, Code of Federal Regulations Part 132 OSVs - Fire-Protection Equipment
 4. Title 49, Code of Federal Regulations Part 172 Hazardous Materials Regulations - Hazardous Materials Table, Special Provisions, Communications, Emergency Response Information, Training Requirements & Security Plans
 5. Title 49, Code of Federal Regulations Part 173 Shippers—General Requirements for Shipments and Packaging's
 6. Title 49, Code of Federal Regulations Part 176 Carriage by Vessel

Steps		References	Initials
CS02.1	Verify tank(s) are approved	46 CFR 125.110(d)	
CS02.2	Verify stowed and segregated	46 CFR 125.130 49 CFR 172.101 46 CFR 98.30-12 & .33-9	
CS02.3	Verify additional fire fighting equipment	46 CFR 132.370(a) 46 CFR 98.30-37	
CS02.4	Verify fill and discharge compliance	46 CFR 125.110 46 CFR 98.31-10	
CS02.5	Verify secured in accordance with vessel's cargo securing manual	46 CFR 125.110(d) 46 CFR 132.370	
CS02.6	Verify materiel condition	49 CFR 176.340 49 CFR 173.32 & .241(c) 46 CFR 98.30-3 & .30-4	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of portable tank components, function(s) and DOT type approval.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Cargo Systems Inspection (CS)

All OSVs

Task: OI-CS03 Verify compliance of packaged hazardous materials

Condition: While on deck walk

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 125 OSVs - General
 2. Title 49, Code of Federal Regulations Part 173 Shippers—General Requirements for Shipments and Packaging's
 3. Title 49, Code of Federal Regulations Part 176 Carriage by Vessel

Steps		References	Initials
CS03.1	Verify material is packaged, marked and labeled	46 CFR 125.130 49 CFR 176.3 49 CFR 173.3	
CS03.2	Verify material is stored and segregated	49 CFR 176.63	

Verifying Officer Guidance: Trainee shall clearly state how to verify compliance and utilize tables in regulations.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Cargo Systems Inspection (CS)****All OSVs****Task:** OI-CS04 Inspect remotely-operated valves and controls**Condition:** *During machinery equipment inspection and/or on deck walk***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems

Steps		References	Initials
CS04.1	Verify remote valve control(s) are fitted with name plates	46 CFR 56.50-1(g)(2)(i)	
CS04.2	Verify valve operates freely	46 CFR 126.430	
CS04.3	Verify remote control mechanisms function properly	46 CFR 126.430	
CS04.4	Verify power-operated valve(s) can be operated from all control stations	46 CFR 128.240 46 CFR 56.50-60(d)(3)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment components, function(s) and operation. It is important for the trainee to know that remotely operated valves can be: hydraulic, pneumatic, electric or manual (reach-rod).*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Emergency Drills (ED)

All OSVs

Task: OI-ED01 Evaluate Fire Drill

Condition: While conducting emergency drills

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. International Safety Management (ISM) Code, 2014
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
ED01.1	Witness drill	46 CFR 131.535 SOLAS 14 III/19.2.1 MSM II/B.1.P.3.v	
ED01.2	Verify crew's ability to organize	46 CFR 131.535(c) SOLAS 14 III/19.3.4.2.1 ISM Code A/8	
ED01.3	Verify crew's familiarity with their duties and use of equipment	46 CFR 131.535(c)(5) SOLAS 14 III/19.3.4.2.1	
ED01.4	Verify firefighting gear is compatible and complete	46 CFR 131.535(c)(5) SOLAS 14 III/19.3.4.2.3	
ED01.5	Verify operation of alarms	46 CFR 131.535(c)(1) SOLAS 14 III/19.3.4.2.4	
ED01.6	Verify effective communication with master	46 CFR 131.535(c)(1) SOLAS 14 III/19.3.4.2.4	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of proper use of emergency equipment, acceptable crew performance criteria and the importance of conducting a pre/post-brief with vessel's master and the crew.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Emergency Drills (ED)****All OSVs****Task:** OI-ED02 Evaluate Man Overboard Drill**Condition:** While conducting emergency drills**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
 2. Title 46, Code of Federal Regulations Part 133 OSVs - Lifesaving Systems
 3. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 4. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended

Steps		References	Initials
ED02.1	Verify vessel's ability to recover a helpless person	46 CFR 133.135(c)(1) 46 CFR 131.330(b)	
ED02.2	Witness launching of rescue boat (when applicable)	46 CFR 131.530(b)(7) 46 CFR 133.160(c)	
ED02.3	Evaluate crew's proficiency in handling and maneuvering the rescue boat (when applicable)	46 CFR 131.530(b)(7) SOLAS 14 III/19.3.3.6 STCW A-VI/2-1	
ED02.4	Witness recovery of rescue boat	46 CFR 133.160(d)-(f)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of proper use of emergency equipment, acceptable crew performance criteria and importance of conducting a pre/post-brief with vessel's master and the crew. If rescue boat launching drills are carried out with the ship making headway, such drills shall, because of the dangers involved, be practiced in sheltered waters only and under the supervision of an officer experienced in such drills.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Emergency Drills (ED)****All OSVs****Task:** OI-ED03 Evaluate Abandon Ship Drill**Condition:** While conducting emergency drills**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 131 OSVs - Operations
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
3. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended

Steps		References	Initials
ED03.1	Witness drill	46 CFR 131.530(b) SOLAS 14 III/19.3.3	
ED03.2	Verify general alarm and public address announcements	46 CFR 131.530(b)(3)(i) SOLAS 14 III/19.3.3.1.1	
ED03.3	Verify crew's familiarity with assigned duties	46 CFR 131.530(b)(3)(iii) SOLAS 14 III/19.3.3.1.2 STCW A-VI/1-1	
ED03.4	Evaluate crew and offshore workers are suitably dressed and proficient in donning lifejackets and/or immersion suits	46 CFR 131.530(b)(3)(iv) & (v) SOLAS 14 III/19.3.3.1.3 & .4 STCW A-VI/1-1	
ED03.5	Witness operation of davit launching lifeboat or rescue boat	46 CFR 131.530(b)(3)(vi) SOLAS 14 III/19.3.3.1.5	
ED03.6	Witness operation of lifeboat or rescue boat engine	46 CFR 131.530(b)(3)(vii) SOLAS 14 III/19.3.3.1.6	
ED03.7	Witness operation of davit launching liferafts	46 CFR 131.530(b)(3)(viii) SOLAS 14 III/19.3.3.1.7	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of proper use of emergency equipment, acceptable crew performance criteria and importance of conducting a pre/post-brief with vessel's master and the crew.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Emergency Drills (ED)****All OSVs****Task:** OI-ED04 Evaluate Security Drill**Condition:** While conducting emergency drills**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 104 Maritime Security - Vessels
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. International Ship & Port Facility Security (ISPS) Code, 2012
 4. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended
 5. NVIC 04-03, Ch 1 Guidance for Verification of Vessel Security Plans on Domestic Vessels

Steps		References	Initials
ED04.1	Review procedures contained in security plan	33 CFR 104.230(b)(2) ISPS Code A/9.4.4 NVIC 04-03 Ch 1 Encl. 3/12.B	
ED04.2	Witness drill	33 CFR 104.230(a) SOLAS 14 XI-2/4.2 ISPS Code A/13.4	
ED04.3	Evaluate crew's response	33 CFR 104.220 ISPS Code A/13.3 STCW A-VI/5	
ED04.4	Verify control and communication	33 CFR 104.245 ISPS Code A/7.2.7	
ED04.5	Verify implementation of plan procedures	33 CFR 104.230(a) ISPS Code A/9.4	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of proper use of emergency equipment, acceptable crew performance criteria and importance of conducting a pre/post-brief with vessel's master or security officer.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI01 Inspect hull**Condition:** *During drydock Inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Parts 125, 126, and 127
 4. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI01.1	Examine for wastage, defect(s), and damage	46 CFR 126.140(a) 46 CFR 125.140 46 CFR 127.210 & ABS 7-4-1/1	
HI01.2	Examine stress areas (stringer plate, sheer plate, etc)	NVIC 07-68 IV(B) MSM II/B.3.B	
HI01.3	Examine seachest(s), strainers and emergency bilge suction and overboard discharges for wastage, defect(s), and damage	46 CFR 61.20-5 NVIC 07-68 II(A) 46 CFR 128.110	
HI01.4	Verify condition of drydock (bottom) plugs	NVIC 07-68 II(A) MSM II/B.3.B	
HI01.5	Verify wastage/corrosion is within limits	NVIC 07-68 III(C) ABS 7-A-4/27	
HI01.6	Ensure unsatisfactory condition(s) are resolved	46 CFR 42.09-45 MSM II/B.3.B	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of vessel construction & repair nomenclature including scantlings/structural members. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.*

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI02 Inspect hull markings

Condition: *During drydock inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 67 Documentation of Vessels
 3. Title 46, Code of Federal Regulations Part 69 Measurement of Vessels
 4. Title 46, Code of Federal Regulations Part 131 OSVs - Operations

Steps		References	Initials
HI02.1	Verify placement of hull markings	46 CFR 131.210-.230 46 CFR 67.120 & 69.177 46 CFR 42.13-40	
HI02.2	Verify markings are permanently affixed	46 CFR 131.210-.230 46 CFR 67.121 46 CFR 42.13-40	
HI02.3	Verify markings are of contrasting colors	46 CFR 131.220(f) 46 CFR 42.13-40	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI03 Inspect main propulsion propeller(s)

Condition: During drydock inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI03.1	Examine condition	46 CFR 126.470 46 CFR 61.20-5(a)	
HI03.2	Verify locking nut is installed and secured	46 CFR 58.01-5 ABS 7-4-1/1 ABS 7-5-1/1.5 & 3.5	
HI03.3	Witness NDT of propeller coupling bolts and flange radius	46 CFR 61.20-18(c) ABS 7-5-1/3.5	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of propeller components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI04 Inspect tailshaft(s) and stern bearing(s)**Condition:** During drydock inspection, giving consideration to the number of separate propulsion shaft(s), the materials of fabrication and the type of bearing lubrication used**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI04.1	Determine if tailshaft(s) need to be drawn	46 CFR 126.470 & 61.20-17 46 CFR 58.01-5 & ABS 7-2-1/13 MSM II/B.3.D.3	
HI04.2	Verify bearing clearance, inboard seal assembly and record of lube oil analysis are within limits	46 CFR 61.20-17(e) & 20-23(c) ABS 7-5-1/1 & 3 ABS 7-5-2/1	
HI04.3	Visually examine shaft	46 CFR 61.20-18(a) & .20-23(a) ABS 7-5-1/1 & 3 ABS 7-5-2/1	
HI04.4	Witness non-destructive testing (NDT) of shaft's taper section and keyway	46 CFR 61.20-18(b) ABS 7-5-1/1	
HI04.5	Verify condition and wear down of strut bearing(s)	MSM II/B.3.D.10	
HI04.6	Verify condition of blade hardware on Controllable Pitch Propeller (CPP)	ABS 7-5-1/3	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI05 Inspect rudder installation**Condition:** During drydock inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. ABS Rules for Building and Classing Steel Vessels, 1995 Part 3 Hull Construction and Equipment
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI05.1	Verify type of assembly installed	46 CFR 128.110 & 58.01-5 ABS 3-2-14/1 MSM II/B.3.E.2	
HI05.2	Examine assembly	46 CFR 126.470 & 58.01-5 ABS 7-4-1/1 ABS 7-A-4/27	
HI05.3	Verify bearing clearance(s)	ABS 7-4-1/1	
HI05.4	Verify condition of pintle(s), gudgeon(s), bushing(s), pintle nut(s), and locking device(s)	ABS 7-4-1/1 MSM II/B.3.E.2	
HI05.5	Verify condition of pintle by nondestructive test (NDT)	MSM II/B.3.E.2	
HI05.6	Verify tightness of rudder assembly by pneumatic test	ABS 7-4-1/1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of rudder components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI06 Inspect hull appendages**Condition:** During drydock inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI06.1	Examine condition and structural integrity of bilge keel	46 CFR 126.470 46 CFR 58.01-5 ABS 7-4-1/1	
HI06.2	Examine condition of coolers (keel or grid)	46 CFR 128.420-.430	
HI06.3	Examine condition of transducers and other similar appendages	ABS 7-4-1/1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment/ vessel nomenclature including scantlings/structural members, hull penetrations (valves), and major system components external to hull (appendages). Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI07 Inspect anchor chain(s) and chain locker

Condition: During drydock inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 130 OSVs - OSVs - Vessel Control & Miscellaneous Equipment & Systems
 2. ABS Rules for Building and Classing Steel Vessels, 1995 Part 2 Materials and Welding
 3. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction
 4. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls

Steps		References	Initials
HI07.1	Verify chain is marked	46 CFR 130.240 ABS 2-2-2/21	
HI07.2	Examine length of chain	ABS 7-3-2/5.1.4	
HI07.3	Examine chain locker	NVIC 07-68 III(C) ABS 7-A-4/27	
HI07.4	Examine chain's pad eye (holdfast)	ABS 7-3-2/5.1.4	
HI07.5	Examine hawse pipe	ABS 7-3-2/5.1.4	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI08 Inspect sea valve(s)**Condition:** *During drydock inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 3. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
 4. Title 46, Code of Federal Regulations Part 125 OSVs - General
 5. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification

Steps		References	Initials
HI08.1	Determine which are due for examination	46 CFR 126.470 46 CFR 61.20-5(b)	
HI08.2	Verify quantity and type	46 CFR 125.140 46 CFR 42.15-60(e) 46 CFR 56.50-95(f)	
HI08.3	Verify that all sea valves are identified and are opened for examination	46 CFR 42.15-60(c) 46 CFR 56.50-95	
HI08.4	Examine external/internal components	46 CFR 61.20-5(b) 46 CFR 42.09-25(b)(4) 46 CFR 42.09-25(b)(5)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of valve components and the proper examination procedures to follow.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Hull Inspection (HI)

All OSVs

Task: OI-HI09 Inspect non-propulsion thruster(s)

Condition: *During drydock inspection*

Standard: *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
 3. Title 46, Code of Federal Regulations Part 125 OSVs - General
 4. Title 46, Code of Federal Regulations Parts 127 and 128
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
HI09.1	Examine propeller	46 CFR 128.110 & 58.01-5 ABS 7-4-1/1 & 7-9-6/1.3 MSM II/B.3.D.2.c	
HI09.2	Examine thruster tunnel	46 CFR 125.140 & 127.210 46 CFR 42.09-30(b) ABS 7-4-1/1 & 7-A-4/27	
HI09.3	Verify shaft seal or packing gland in place	ABS 7-4-1/1 & 7-9-6/1.3	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of thruster components and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.*

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs**

Task: OI-HI10 Determine if vessel qualifies to participate in Underwater Survey Program (UWILD)

Condition: Given a request to participate in underwater inspection in lieu of drydocking (UWILD) program

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
2. NVIC 01-89 Underwater Survey Guidance
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
HI10.1	Review application	46 CFR 126.140(f) NVIC 01-89	
HI10.2	Examine condition of hull and protection system	NVIC 01-89 Encl.1/1.a	
HI10.3	Verify reference points	46 CFR 126.140(f)(3) NVIC 01-89 Encl.1/1.b	
HI10.4	Verify hinged gratings are installed on sea chest(s)	46 CFR 126.140(f)(4) NVIC 01-89 Encl.1/1.c	
HI10.5	Verify means for taking shaft-bearing and rudder-bearing clearances	46 CFR 126.140(f)(5)	
HI10.6	Review hull gauging report	46CFR 126.140 (g)(2) NVIC 01-89 Encl.1/3	
HI10.7	Review reference video	NVIC 01-89 Encl.1/1.d	
HI10.8	Forward application with OCMI's recommendation	MSM II/B.9.K.7 MSM II/G.2.V.6.a	

Verifying Officer Guidance:

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Hull Inspection (HI)****All OSVs****Task:** OI-HI11 Inspect hull during an underwater survey**Condition:** During underwater inspection in lieu of drydocking (UWILD) on vessels enrolled in the program**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
2. Title 46, Code of Federal Regulations Part 197 Marine Occupational Safety & Health Standards
3. NVIC 01-89 Underwater Survey Guidance

Steps		References	Initials
HI11.1	Review vessel's application for (UWILD) drydocking examination	46 CFR 126.140(f) NVIC 01-89 Encl.1/2.a	
HI11.2	Verify procedures to be followed	46 CFR 126.140(f)(1) 46 CFR 197.400	
HI11.3	Verify suitability of location	46 CFR 126.140(f)(2) NVIC 01-89 Encl.1/5.c	
HI11.4	Review reference plans and video	46 CFR 126.140(f)(3) NVIC 01-89 Encl.1/2.a(12)	
HI11.5	Meet with vessel's representative and diving supervisor to discuss details of survey	NVIC 01-89 Encl.1/4	
HI11.6	Verify vessel's representative submitted a signed letter of vessel's overall condition	46 CFR 126.140(f) NVIC 01-89 Encl.1/2.a(7)	
HI11.7	Verify qualification of divers, type of diving equipment, and their nondestructive testing (NDT) and damage repair capabilities	46 CFR 126.140(f) NVIC 01-89 Encl.1/5.f 46 CFR 197.200	
HI11.8	Verify all areas of the hull have been cleaned	NVIC 01-89 Encl.1/5.g	
HI11.9	Witness underwater survey from a video monitor	NVIC 01-89 Encl 1/5.i	

Verifying Officer Guidance: Trainee shall have a clear understanding of the requirements in 46 CFR 197 if divers are used to conduct an UWILD, especially those items in the Commercial Dive PQS Addendum.

Inspector's Name: (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Internal Structural Examination (IS)****All OSVs****Task:** OI-IS01 Verify confined spaces are safe for entry**Condition:** Prior to entry of any confined spaces during inspection or examining repair work**Standard:** In compliance with applicable policies, laws, regulations, and standards

- References:**
1. Title 29, Code of Federal Regulations Part 1915 Occupational Safety & Health Standards for Shipyard Employment
 2. COMDTINST M5100.47A Safety and Environmental Health Manual
 3. NFPA 306 Standard for the Control of Gas Hazards on Vessels

Steps		References	Initials
IS01.1	Review Marine Chemist Certificate	29 CFR 1915.12(f) CIM 5100.47A 13.B.3 NFPA 306/4.3	
IS01.2	Verify Competent Person has maintained Marine Chemist Certificate	29 CFR 1915.15 CIM 5100.47A 13.B.8 NFPA 306/4.6.2	
IS01.3	Verify no changes to vessel's condition	29 CFR 1915.15(b)	
IS01.4	Verify forced ventilation is provided	29 CFR 1915.13(b)(3)	
IS01.5	Verify condition of space access point	29 CFR 1915.76	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the USCG's confined space entry program, PPE requirements, and USCG's/unit's safe working practices.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Internal Structural Examination (IS)****All OSVs****Task:** OI-IS02 Inspect internal structures**Condition:** During drydock inspection**Standard:** In compliance with applicable policies, laws, regulations, and standards

- References:**
1. Title 46, Code of Federal Regulations Part 42 Load Lines - Domestic & Foreign Voyages by Sea
 2. Title 46, Code of Federal Regulations Part 125 OSVs - General
 3. Title 46, Code of Federal Regulations Part 126 and 127
 4. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
IS02.1	Examine internal structures	46 CFR 126.140(c) 46 CFR 125.140 & 42.09-30 46 CFR 127.210 & ABS 7-3-1/1	
IS02.2	Examine coamings, closures and other fittings	46 CFR 42.09-25(b)(2) MSM II/B.3.B	
IS02.3	Verify wastage discovered is within acceptable limits	NVIC 07-68 III(C) ABS 7-A-4/27	
IS02.4	Verify unsatisfactory condition(s) are resolved	46 CFR 42.09-45	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vessel nomenclature including scantlings/structural members and the proper examination procedures to follow. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Welding Repair Inspection (WR)****All OSVs****Task:** OI-WR01 Evaluate structural repair proposals**Condition:** During examination of repair work**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Parts 2 & 42
 2. Title 46, Code of Federal Regulations Parts 125 & 127
 3. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. ABS Rules for Building and Classing Steel Vessels, 1995 Part 2 Materials and Welding
 6. ABS Rules for Building and Classing Steel Vessels, 1995 Part 7 Survey After Construction

Steps		References	Initials
WR01.1	Evaluate extent of damage and/or wastage/corrosion	46 CFR 125.140 & 42.09-45 46 CFR 127.210 & ABS 7-A-4/17 NVIC 07-68 IV	
WR01.2	Review repair proposal	MSM II/A.1.F.2.a NVIC 07-68 IV ABS 7-A-4/29	
WR01.3	Verify repair materials	46 CFR 42.09-50(c) ABS 7-A-4/29 ABS 2-1-1/7	
WR01.4	Verify welding procedures	46 CFR 42.09-50(c) 46 CFR 2.75-70 ABS 2-4-1/1.3	
WR01.5	Evaluate alternative repair methods for equivalency	46 CFR 125.170 MSM II/A.1.F.2.c	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of acceptable structural repair standards, processes and procedures. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Welding Repair Inspection (WR)****All OSVs****Task:** OI-WR02 Verify welding Procedure Qualification Record(s) (PQR)**Condition:** *During examination of repair work on a pressure vessel that requires qualified weld procedures***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
 2. Title 46, Code of Federal Regulations Part 57 Welding & Brazing
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. ASME Boiler and Pressure Vessel Code, Section IX

Steps		References	Initials
WR02.1	Confirm need for qualified welding procedure	46 CFR 2.75-70 46 CFR 128.110(a) 46 CFR 57.02-2(a)(1)	
WR02.2	Verify variables on PQR(s) to the Welding Procedure Specification (WPS(s))	ASME IX/QW-200.1(b) ASME IX/QW-250	
WR02.3	Verify tests and results	ASME IX/QW-200.2(b)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the elements of a PQR and a WPS. Also, demonstrate how to use the information contained in both.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Drydock Inspection

Welding Repair Inspection (WR)

All OSVs

Task: OI-WR03 Verify welder is qualified to perform repair work

Condition: During examination of repair work on a pressure vessel

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
 2. Title 46, Code of Federal Regulations Part 57 Welding & Brazing
 3. Title 46, Code of Federal Regulations Part 128 OSVs - Marine Engineering: Equipment & Systems
 4. ASME Boiler and Pressure Vessel Code, Section IX

Steps		References	Initials
WR03.1	Confirm need for qualified welding procedure	46 CFR 2.75-70 46 CFR 128.110(a) 46 CFR 57.02-2(a)(1)	
WR03.2	Verify Welder Performance Qualification (WPQ) is valid	ASME IX/QW-322.1	
WR03.3	Verify variables on WPQ(s)	ASME IX/QW-301.2 ASME IX/QW-301.4 ASME IX/QW-350 & -360	
WR03.4	Verify tests are satisfactory	ASME IX/Art III QW-300 series	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the elements of a WPQ and a WPS. Also, demonstrate how to use the information contained in both.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Welding Repair Inspection (WR)****All OSVs****Task:** OI-WR04 Inspect fit-up**Condition:** During initial examination of steel repair work**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 3. ABS Rules for Building and Classing Steel Vessels, 1995 Part 2 Materials and Welding
 4. American Welding Society ANSI/AWS D3.5-93

Steps		References	Initials
WR04.1	Examine material and verify it is fitted to approved joint detail	46 CFR 127.210 ANSI/AWS D3.5-93 NVIC 07-68 V	
WR04.2	Verify materials (base, filler, gas)	46 CFR 127.210 ABS 2-1-1/1.1	
WR04.3	Verify welding processes	46 CFR 127.210 ABS 2-4-1/1.7	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of structural repair standards, processes and procedures. Note: Marine Safety Manual Vol II, Chapter 5 directs you to NVIC 7-68. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Welding Repair Inspection (WR)****All OSVs****Task:** OI-WR05 Inspect back gouge**Condition:** *During intermediate examination of full penetration weld on steel repair work***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 3. ABS Rules for Building and Classing Steel Vessels, Part 2 Materials and Welding
 4. American Welding Society ANSI/AWS D3.5-93

Steps		References	Initials
WR05.1	Examine welds for defects (discontinuity)	46 CFR 127.210 ABS 2-4-1/5.9 NVIC 07-68 V(G)(2)	
WR05.2	Verify weld sequencing	NVIC 07-68 V(F) ANSI/AWS D3.5-93	
WR05.3	Verify joints are cleaned between interpasses	NVIC 07-68 V(H) ABS 2-4-1/3.5	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of structural repair standards, processes and procedures. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Welding Repair Inspection (WR)****All OSVs****Task:** OI-WR06 Inspect welds**Condition:** During final visual examination of steel repair work**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 3. ABS Rules for Building and Classing Steel Vessels, 1995 Part 2 Materials and Welding
 4. ABS Nondestructive Inspection of Hull Welds (NDT Guide), 2018

Steps		References	Initials
WR06.1	Examine welds for uniformity and reinforcement	46 CFR 127.210 ABS 2-4-1/5.15.1 NVIC 07-68 V	
WR06.2	Examine welds for defects (discontinuity)	ABS 2-4-1/5.15.1 NVIC 07-68 V(H)	
WR06.3	Examine adjacent base metal for injurious arc strikes, spatter, undercut, overlap, slag and irregular and/or sharp edges	ABS 2-4-1/5.15.1	
WR06.4	Verify workmanship through an nondestructive test	ABS 2-4-1/5.15.2 ABS 2-4-1/5.17 ABS NDT Guide	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of structural repair standards, processes and procedures. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Nondestructive Testing Inspection (NT)****All OSVs**

Task: OI-NT01 Inspect nondestructive testing (NDT) using the liquid (dye) penetrant method

Condition: During inspection or after completion of a weld repair

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 1995 Part 2 Materials and Welding
 3. ABS Nondestructive Inspection of Hull Welds (NDT Guide), 2018

Steps		References	Initials
NT01.1	Verify technician's qualification and certification	46 CFR 127.210 ABS 2-4-1/5.17 ABS NDT Guide 6/5.3	
NT01.2	Witness application technique	ABS NDT Guide 6/5.5	
NT01.3	Witness application procedures	ABS NDT Guide 6/5.7	
NT01.4	Witness visible penetrant examination	ABS NDT Guide 6/7.5	
NT01.5	Witness fluorescent penetrant examination	ABS NDT Guide 6/7.7	
NT01.6	Evaluate test results or technician's report	ABS NDT Guide 6/9 & 11	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of dye penetrant testing methods and procedures (may vary depending on the manufacturer). Trainee shall demonstrate knowledge of Type 1, 2 and 3 NDT certifications. Refer to 46 CFR 125.180(b) to verify the appropriate ABS rules are applied based on OSV type/characteristics.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Nondestructive Testing Inspection (NT)****All OSVs**

Task: OI-NT02 Inspect nondestructive testing (NDT) using the magnetic particle method

Condition: During inspection or after completion of a weld repair

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 2 Materials and Welding
 3. ABS Nondestructive Inspection of Hull Welds (NDT Guide), 2018

Steps		References	Initials
NT02.1	Verify technician's qualification and certification	46 CFR 127.210 ABS 2-4-1/5.17 ABS NDT Guide 7/5.3	
NT02.2	Verify inspection technique	ABS NDT Guide 7/5.5	
NT02.3	Verify equipment and magnetic field strength	ABS NDT Guide 7/5.7.1 & .2	
NT02.4	Witness application of visible magnetic particles	ABS NDT Guide 7/5.7.3	
NT02.5	Witness application of fluorescent particles	ABS NDT Guide 7/5.7.4	
NT02.6	Witness technician examine/interpret readings	ABS NDT Guide 7/5.7 & 9	
NT02.7	Evaluate test results or review technician's report	ABS NDT Guide 7/5.7 & 9	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of magnetic particle testing methods and procedures (may vary depending on the manufacturer). Trainee shall demonstrate knowledge of Type 1, 2 and 3 NDT certifications.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Nondestructive Testing Inspection (NT)****All OSVs**

Task: OI-NT03 Inspect nondestructive testing (NDT) using the radiography (gamma rays or x-rays) method

Condition: During inspection or after completion of a weld repair

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 2 Materials and Welding
 3. ABS Nondestructive Inspection of Hull Welds (NDT Guide), 2018

Steps		References	Initials
NT03.1	Verify technician's qualification and certification	46 CFR 127.210 ABS 2-4-1/5.17 ABS NDT Guide 2/5.1	
NT03.2	Verify inspection technique	ABS NDT Guide 2/5.3	
NT03.3	Verify film identification markings	ABS NDT Guide 2/5.5	
NT03.4	Verify radiography quality level	ABS NDT Guide 2/5.7	
NT03.5	Verify image Quality Indicator (IQI)	ABS NDT Guide 2/5.9	
NT03.6	Witness technician examine/interpret readings	ABS NDT Guide 2/5.15	
NT03.7	Review technician's report	ABS NDT Guide 2/9 & 11	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of radiograph testing methods and procedures (may vary depending on the manufacturer). Trainee shall demonstrate knowledge of Type 1, 2 and 3 NDT certifications. **IMPORTANT NOTE:** RAD detectors have a habit of going off if/when isotubes are being used. All USCG personnel in the area should be advised of this ahead of time for awareness and to ensure other/alternative personnel protection actions are taken as needed.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Nondestructive Testing Inspection (NT)****All OSVs****Task:** OI-NT04 Inspect nondestructive testing (NDT) using the ultrasonic method**Condition:** During inspection or after completion of a weld repair**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 2 Materials and Welding
 3. ABS Nondestructive Inspection of Hull Welds (NDT Guide), 2018

Steps		References	Initials
NT04.1	Verify technician's qualification, certification and techniques	46 CFR 127.210 ABS 2-4-1/5.17 ABS NDT Guide 5/3	
NT04.2	Verify calibrate block's material and thickness	ABS NDT Guide 5/3.5	
NT04.3	Verify type of equipment/instrument used	ABS NDT Guide 5/3.7	
NT04.4	Verify equipment is calibrated	ABS NDT Guide 5/3.9	
NT04.5	Witness technician examine/interpret readings	ABS NDT Guide 5/3.11	
NT04.6	Evaluate test results or review technician's report	ABS NDT Guide 5/3.13	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of ultrasonic testing methods and procedures (may vary depending on the manufacturer). Trainee shall demonstrate knowledge of Type 1, 2 and 3 NDT certifications.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Nondestructive Testing Inspection (NT)****All OSVs**

Task: OI-NT05 Inspect nondestructive testing (NDT) using the hydro-static method (Pressure Vessels)

Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 46, Code of Federal Regulations Part 54 Pressure Vessels
2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification

Steps		References	Initials
NT05.1	Verify requirement for test	46 CFR 126.470 46 CFR 54.10-10(a)	
NT05.2	Verify ready for testing	46 CFR 54.10-10(b)	
NT05.3	Verify air has been purged	46 CFR 54.10-10(b)	
NT05.4	Verify piping components are isolated	46 CFR 54.10-10(b)	
NT05.5	Verify test pressure	46 CFR 54.10-10(b) 46 CFR 54.10-20	
NT05.6	Verify test pressure is attained and maintained	46 CFR 54.10-10(c)	
NT05.7	Witness test	46 CFR 54.10-10(c)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of hydrostatic testing methods and procedures.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**Certificate of Inspection****Nondestructive Testing Inspection (NT)****All OSVs**

Task: OI-NT06 Inspect nondestructive testing (NDT) using the hydro-static method (Piping Systems)

Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification

Steps		References	Initials
NT06.1	Verify test pressure of nonstandard piping components	46 CFR 126.470 46 CFR 56.97-5	
NT06.2	Verify system is ready for testing	46 CFR 56.97-25	
NT06.3	Verify air has been purged	46 CFR 56.97-30(a)	
NT06.4	Verify test medium	46 CFR 56.97-30(b)	
NT06.5	Verify piping components are isolated	46 CFR 56.97-30(c)	
NT06.6	Verify test pressure	46 CFR 56.97-30(e) & (f)	
NT06.7	Witness test	46 CFR 56.97-30(d)	
NT06.8	Verify test pressure is attained and maintained	46 CFR 56.97-30(g)	
NT06.9	Verify pressures for Installation tests	46 CFR 56.97-40	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of hydrostatic testing methods and procedures.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Nondestructive Testing Inspection (NT)

All OSV

Task: OI-NT07 Inspect nondestructive testing (NDT) using the hydro-static method (Tanks and Bulkheads)

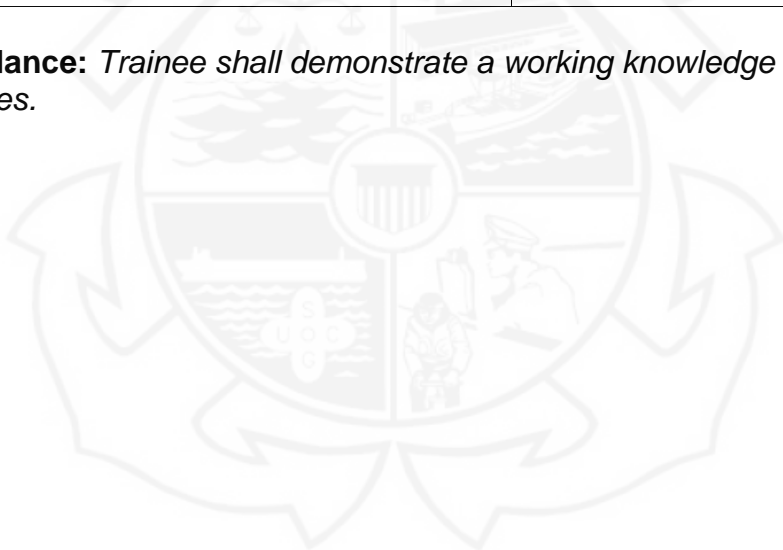
Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 3 Hull Construction and Equipment

Steps		References	Initials
NT07.1	Verify tanks/space is ready for testing	46 CFR 127.210 ABS 3-7-1/3.5.4(a) & (b)	
NT07.2	Verify test medium being used	ABS 3-7-1/3.5.4(a) & (b)	
NT07.3	Verify piping components are isolated	ABS 3-7-1/3.5.4(a) & (b)	
NT07.4	Verify test pressure	ABS 3-7-1/3.5.4(a) & (b)	
NT07.5	Witness test	ABS 3-7-1/3.5.4(a) & (b)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of hydrostatic testing methods and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Compliance

Nondestructive Testing Inspection (NT)

All OSVs

Task: OI-NT08 Inspect nondestructive testing (NDT) using the pneumatic method (Pressure Vessels)

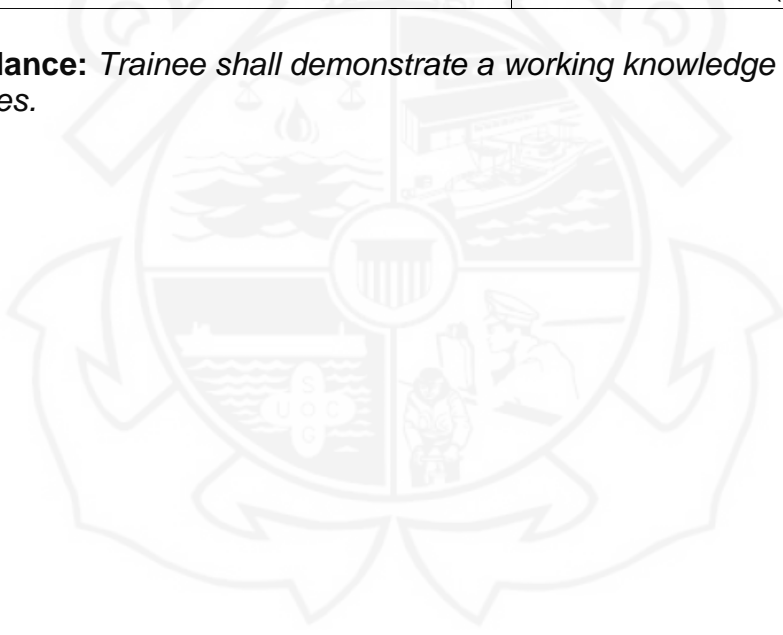
Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 54 Pressure Vessels
 2. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification

Steps		References	Initials
NT08.1	Determine suitability for test	46 CFR 126.470 46 CFR 54.10-15(a) & (b)	
NT08.2	Ensure all safety precaution are taken	46 CFR 54.10-15(g)	
NT08.3	Verify test pressure	46 CFR 54.10-15(c)	
NT08.4	Witness gradual pressure increase	46 CFR 54.10-15(d)	
NT08.5	Witness test	46 CFR 54.10-15(e)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of pneumatic testing methods and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Nondestructive Testing Inspection (NT)

All OSVs

Task: OI-NT09 Inspect nondestructive testing (NDT) using the pneumatic method (Piping Systems)

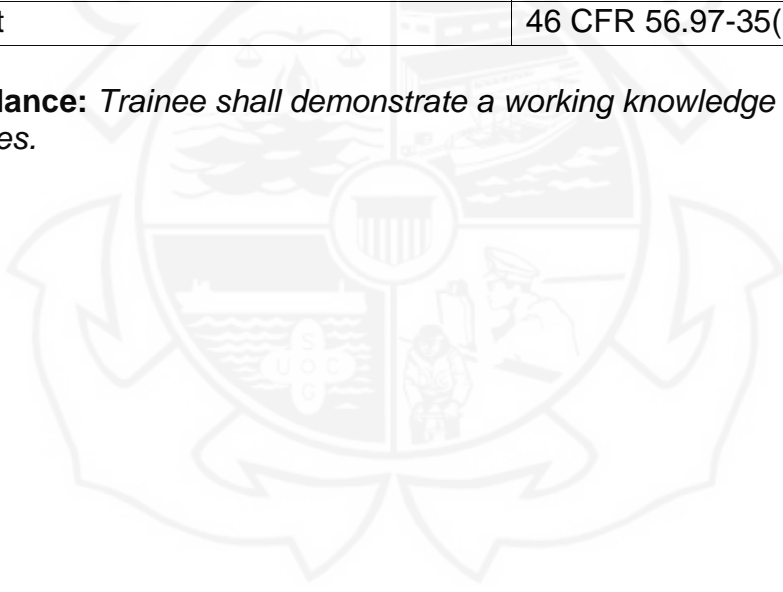
Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances
 2. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements

Steps		References	Initials
NT09.1	Verify test medium and temperature	46 CFR 126.470 46 CFR 56.97-35(b)	
NT09.2	Verify piping components are isolated	46 CFR 56.97-35(c)	
NT09.3	Verify test pressure	46 CFR 56.97-35(f) & (g)	
NT09.4	Witness gradual pressure increase	46 CFR 56.97-35(d)	
NT09.5	Verify test pressure is attained and maintained	46 CFR 56.97-35(h)	
NT09.6	Witness test	46 CFR 56.97-35(e)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of pneumatic testing methods and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Nondestructive Testing Inspection (NT)

All OSVs

Task: OI-NT10 Inspect nondestructive testing (NDT) using the tank air test (pneumatic) method (Tanks and Bulkheads)

Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 3 Hull Construction and Equipment

Steps		References	Initials
NT10.1	Verify tanks/space is ready for testing	46 CFR 127.210 ABS 3-7-1/3.5.4(d)	
NT10.2	Verify piping components are isolated	ABS 3-7-1/3.5.4(d)	
NT10.3	Verify test pressure	ABS 3-7-1/3.5.4(d)	
NT10.4	Verify presence of leak indicating solution	ABS 3-7-1/3.5.4(d)	
NT10.5	Verify calibration of means to measure pressure	ABS 3-7-1/3.5.4(d)	
NT10.6	Witness initial test	ABS 3-7-1/3.5.4(d)	
NT10.7	Witness secondary test	ABS 3-7-1/3.5.4(d)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of tank air test testing methods and procedures.

Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Nondestructive Testing Inspection (NT)

All OSVs

Task: OI-NT11 Inspect nondestructive testing (NDT) using the hose test method (Tanks and Bulkheads)

Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
- Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 - ABS Rules for Building and Classing Steel Vessels, 2018 Part 3 Hull Construction and Equipment

Steps		References	Initials
NT11.1	Verify tanks/space is ready for testing	46 CFR 127.210 ABS 3-7-1/3.5.4(c)	
NT11.2	Verify nozzle size	ABS 3-7-1/3.5.4(c)	
NT11.3	Verify water pressure	ABS 3-7-1/3.5.4(c)	
NT11.4	Verify nozzle distance from joints/seams during test	ABS 3-7-1/3.5.4(c)	
NT11.5	Witness test	ABS 3-7-1/3.5.4(c)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of hose test testing methods and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)

Certificate of Inspection

Nondestructive Testing Inspection (NT)

All OSVs

Task: OI-NT12 Inspect nondestructive testing (NDT) using the vacuum box method (Tanks and Bulkheads)

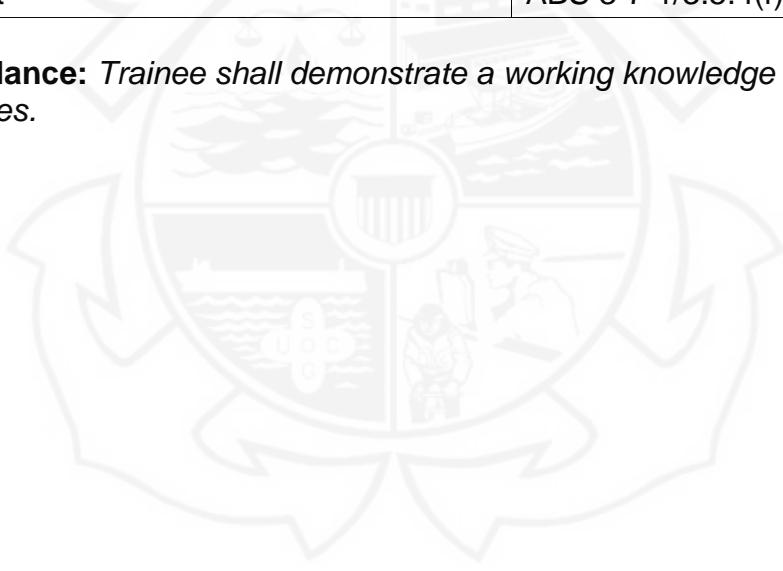
Condition: After completion of construction, repair or during routine inspection

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 46, Code of Federal Regulations Part 127 OSVs - Construction & Arrangements
 2. ABS Rules for Building and Classing Steel Vessels, 2018 Part 3 Hull Construction and Equipment

Steps		References	Initials
NT12.1	Verify tanks/space is ready for testing	46 CFR 127.210 ABS 3-7-1/3.5.4(f)	
NT12.2	Verify condition of gauge and injector	ABS 3-7-1/3.5.4(f)	
NT12.3	Verify presence of leak indicating solution	ABS 3-7-1/3.5.4(f)	
NT12.4	Verify test gauge pressure	ABS 3-7-1/3.5.4(f)	
NT12.5	Witness test	ABS 3-7-1/3.5.4(f)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of vacuum box methods and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**All Inspections****Follow Up Action (FU)****All OSVs**

Task: OI-FU01 Verify vessel compliance with the International Safety Management (ISM) Code

Condition: Upon identification of a systemic failure in implementing the code

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 96 Rules for the Safe Operation of Vessels & Safety Management Systems
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
3. International Safety Management (ISM) Code, 2014

Steps		References	Initials
FU01.1	Verify Master's responsibilities, authorities and over-riding authority	33 CFR 96.250 SOLAS 14 IX/3.1 ISM Code A/5	
FU01.2	Verify maintenance program for vital equipment	33 CFR 96.250 ISM Code A/10.3	
FU01.3	Verify compliance of Safety and Environmental Policy	33 CFR 96.250 ISM Code A/2	
FU01.4	Verify record keeping compliance	33 CFR 96.220(a)(3) ISM Code A/10.2.4	
FU01.5	Verify company responsibilities and authority are defined.	33 CFR 96.250 ISM Code A/3	
FU01.6	Verify crew can identify and contact information of designated person(s) ashore	33 CFR 96.250 ISM Code A/4	
FU01.6	Review audit documentation and ensure follow-up actions	33 CFR 96.250 ISM Code A1.4.6, A/9 ISM Code 12	

Verifying Officer Guidance:

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)**All Inspections****Follow Up Action (FU)****All OSVs****Task:** OI-FU02 Issue deficiencies**Condition:** Upon completion of inspection, with deficiencies found**Standard:** In accordance with current policies, procedures and processes

References:

1. Title 46, United States Code § 3313 Compliance with Certificate of Inspection
2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
FU02.1	Determine deficiency's reference cite	46 USC 3313(b) MSM II/A.2.C.4.b	
FU02.2	Discuss deficiencies and corrective measures/timeframe with vessel's master or representative	MSM II/A.2.C.2	
FU02.3	Issue signed CG-835 to vessel's master or representative	MSM II/A.2.C	
FU02.4	Make entry on the Vessel Inspection Record (CG-2832)	MSM II/A.3.Q	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

All Inspections

Follow Up Action (FU)

All OSVs

Task: OI-FU03 Issue/Endorse vessel's certificates

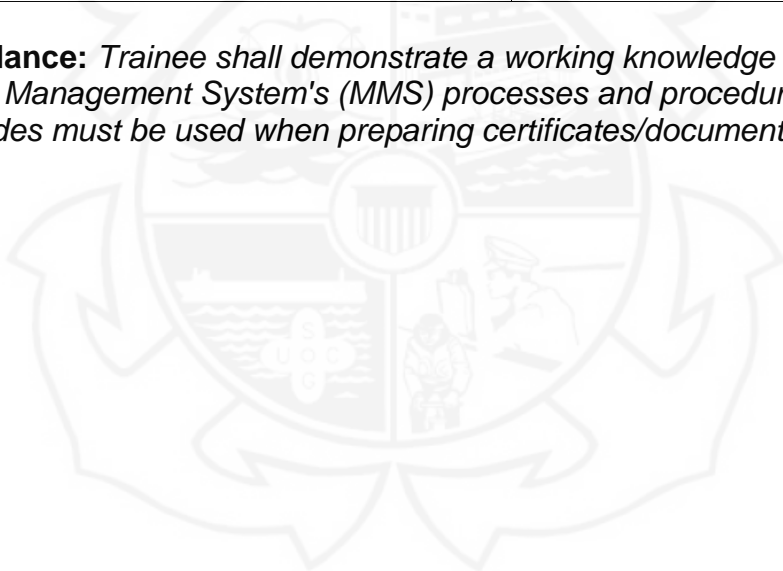
Condition: Upon completion of the inspection

Standard: In accordance with current policies, procedures and processes

- References:**
1. Title 46, Code of Federal Regulations Part 126 OSVs - Inspection & Certification
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management
 4. IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017

Steps		References	Initials
FU03.1	Issue/Endorse certificates, as applicable	46 CFR 126.510(a)(2) SOLAS 14 I/12 IMO Res A.1120(30)	
FU03.2	Obtain a copy of all endorsed certificates for the unit's vessel file	MSM I/12.E.7	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. If available, CVC-approved Process Guides must be used when preparing certificates/documents.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**All Inspections****Follow Up Action (FU)****All OSVs****Task:** OI-FU04 Complete MISLE Activity**Condition:** During follow-up portion of the exam**Standard:** In accordance with current policies, procedures and processes

- References:**
1. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management
 2. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 3. IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017
 4. MISLE Vessels User Guide

Steps		References	Initials
FU04.1	Open existing activity in MISLE	MSM I/12.G.2.a IMO Res A.1120(30) MISLE User Guide	
FU04.2	Update inspection results	MSM I/12.H.1 MSM II/A.2.C.2.d MISLE User Guide	
FU04.3	Update activity narrative	MSM I/12.H.1 MISLE User Guide	
FU04.4	Update vessel details	MSM I/12.H.1 MISLE User Guide	
FU04.5	Amend Certificate of Inspection	MSM I/12.H.1 MISLE User Guide	
FU04.6	Print new or amended Certificate of Inspection and Deficiency Letter	MSM II/A.2.C.6 & II/A.3 MISLE User Guide	
FU04.7	Change activity status to "Open - Submitted for Review"	MSM I/12.H.1 IMO Resolution A.1120(30) Survey Guidelines Under the Harmonized System of Survey and Certification (HSSC), 2017	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. If available, CVC-approved Process Guides must be used when preparing certificates/documents.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Offshore Supply Vessel Inspector (OI)

All Inspections

Follow Up Action (FU)

All OSVs

Task: OI-FU05 Verify deficiency corrections

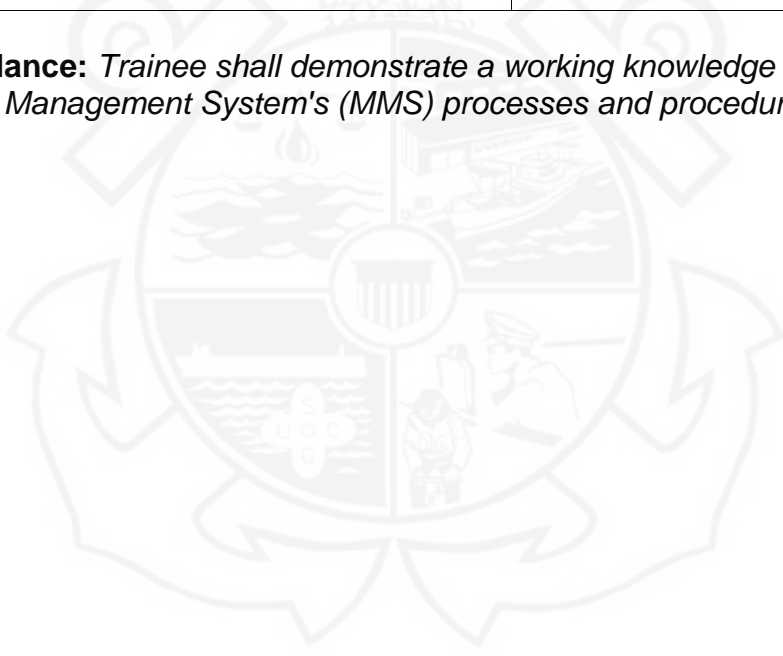
Condition: During follow-up visit

Standard: In accordance with current policies, procedures and processes

References: 1. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
FU05.1	Determine an appropriate verification method for identified deficiency(s)	MSM II/A.2.C.4	
FU05.2	Verify correction(s) meet appropriate regulations	MSM II/A.2.C.4.a	
FU05.3	Clear deficiency(s) in MISLE activity	MSM II/A.2.C.2.d MISLE User Guide	
FU05.4	Remove control action	MISLE User Guide	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures.



Inspector's Name: (Last, First, Initial)	EMPLID:
Verifying Officer's Signature:	Date:

Offshore Supply Vessel Inspector (OI)**Drydock Inspection****Follow Up Action (FU)****All OSVs****Task:** OI-FU06 Ensure completion of drydock examination**Condition:** During drydock examination**Standard:** In accordance with current policies, procedures and processes

- References:**
1. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
 3. MPS-PR-SEC-05 Conducting Domestic Vessel Inspections

Steps		References	Initials
FU06.1	Verify completions of all repairs	MSM II/A.2.C	
FU06.2	Issue amended Certificate of Inspection or amendment	MPS-PR-SEC-05	
FU06.3	Endorse SOLAS Cargo Safety Construction Certificate	SOLAS 14 I/10	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. If available, CVC-approved Process Guides must be used when preparing certificates/documents.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Appendix A

List of Additional References:

American Bureau of Shipping (ABS), ABS Plaza, 16855 North chase Drive Houston TX 77060

Rules for Building and Classing Steel Vessels Under 61 Meters (200 Ft) in Length (1983)

Rules for Building and Classing Steel Vessels (1995)

Rules for Building and Classing Aluminum Vessels (1975)

Rules for Building and Classing Mobile Offshore Drilling Units (1994)

Rules for Building and Classing Mobile Offshore Drilling Units (1994)

American National Standards Institute (ANSI), 11 West 42nd St., New York, NY 10036

B 31.1-1986, Code for Pressure Piping, Power Piping

Z 26.1-1977 (including 1980 Supplement), Safety Code for Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways

American Society of Mechanical Engineers (ASME) International, Three Park Avenue, New York, NY 10016-5990

Boiler and Pressure Vessel Code Section I, Power Boilers, July 1989 with 1989 addenda

American Society for Testing and Materials (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959

ASTM D 93-97, Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester

American Yacht and Boat Council, Inc. (AYBC), 3069 Solomon's Island Rd., Edgewater, MD 21037-1416

A-3-1993, Galley Stoves

A-7-1970, Recommended Practices and Standards Covering Boat Heating Systems

E-1-1972, Bonding of Direct-Current Systems

E-8-1994, Alternating-Current (AC) Electrical Systems on Boats

E-9-1990, Direct-Current (DC) Electrical Systems on Boats

Institute of Electrical and Electronics Engineers (IEEE), IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08855

No. 45-1977, Recommended Practice for Electric Installations on Shipboard

Appendix A

International Maritime Organization (IMO), Publications Section, 4 Albert Embankment, London SE1 7SR, United Kingdom

Resolution A.520(13), Code of Practice for the Evaluation, Testing and Acceptance of Prototype Novel Life-saving Appliances and Arrangements, dated 17 November 1983

Resolution A.658(16), "Use and Fitting of Retro-Reflective Materials on Life-saving Appliances", dated 20 November 1989

Resolution A.760(18), "Symbols Related to Life-Saving Appliances and Arrangements", dated 17 November 1993

International Convention for the Safety of Life at Sea (SOLAS), Consolidated Edition, 1992

National Fire Protection Association (NFPA).1 Battery march Park, Quincy, MA 02269-9101

NFPA 70, National Electrical Code, 1993 Edition

NFPA 306, Control of Gas Hazards on Vessels, 1993 Edition

NFPA 1963, Fire Hose Connections, 1993 Edition

NFPA 10, Standard for Portable Fire Extinguishers, 1994 Edition

NFPA 302—Fire Protection Standard for Pleasure and Commercial Motor Craft, 1994 Edition

Underwriters Laboratories, Inc. (UL), 12 Laboratory Drive, Research Triangle Park, NC 27709-3995

UL 19-1992, Lined Fire Hose and Hose Assemblies

UL 486A-1992, Wire Connectors and Soldering Lugs for Use with Copper Conductors

UL 489-1995, Molded-Case Circuit Breakers and Circuit-Breaker Enclosures

UL 57-1976, Electric Lighting Fixtures

UL 595-1991, Marine-Type Electric Lighting Fixtures

UL 1570-1995, Fluorescent Lighting Fixtures

UL 1571-1995, Incandescent Lighting Fixtures

UL 1572-1995, High Intensity Discharge Lighting Fixtures

UL 1573-1995, Stage and Studio Lighting Units

UL 1574-1995, Track Lighting Systems

Appendix B

Glossary: The following terms are used in this workbook and should be reviewed in order to better understand its contents:

Advise: to counsel or recommend

Assign: to give responsibility, to place under the control of a task

Amend (Modify): to make minor changes in/to

Brief: to give information or final precise instructions

Change: to make different in some particular way

Check: to inspect for satisfactory condition, accuracy, safety or performance

Compare: to examine (two or more objects, ideas, people, etc.) in order to note similarities and/or differences

Communicate: to convey knowledge of or information about: make known

Confirm: to validate, establish the truth, accuracy or genuineness of something

Create: to cause to happen; bring about; arrange, as by intention or design

Discuss: to verbally present a topic in detail for examination or consideration

Determine: to settle or decide by choice of alternatives or possibilities. "Decide" refers to arriving at a conclusion and to pronounce that decision. "Determine" is to settle or decide by choice of alternatives or possibilities and to fix precisely.

Endorse: to approve, support or sustain; to sign one's name on a document or other instrument

Ensure: to make certain, to guarantee

Enter: to make a record of; record or register

Evaluate: to determine the significance or worth of, usually by careful appraisal and study

Examine: to look at or consider a thing carefully and in detail in order to discover something about it

Identify: to determine critical or necessary conditions or other factors; to determine the specific model of an item; to ascertain the origin, nature or definitive characteristics of; to recognize or establish as being a particular person or thing

Inspect: to examine officially; to look carefully at or over; view closely and critically

Issue: to serve legally binding federal documentation, notices or declarations to an individual, business or other distinctive entity

Appendix B

Locate: to determine or set the position of; to find

Make: to create or cause to happen

Modify (Amend): to make minor changes in/to

Observe (Witness): to watch carefully

Obtain: to gain or attain

Open: to set in action, begin, start or commence

Prepare: plan, gather and assemble information to produce a document (i.e. COI); to put together, to combine elements and produce a product, to make ready

Provide: to supply or make available

Review: to go over for the purpose of determining correctness or currency; to examine a document or process for accuracy in content and/or format and report errors or updates to the author or controlling authority

Schedule: to appoint, assign, or designate for a fixed time

Update: to bring up to date or make current

Validate: to substantiate accuracy or truth of by comparison or investigation

Verify: to confirm or establish the accuracy or truth of something

Witness (Observe): to watch carefully

**Performance Qualification Standard and Job Aid Change
Recommendation Form**

From: _____ Date: _____

PQS/CG-840 Title:

Section(s) Affected:

Remark(s)/Comment(s):

Reference(s):

Signature: _____

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