
U.S. COAST GUARD



FLOATING OCS FACILITY INSPECTOR (FOFI)

PERFORMANCE AND QUALIFICATION STANDARD



Marine Inspection and Investigation School
Training Center Yorktown

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Floating OCS Facility Inspector Performance and Qualification Standard

Competency Code: FOFI

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 M1500.10 (series)
- (d) Safety and Environmental Health Manual, COMDTINST 5100.47 (series)

This Performance and Qualification Standard (PQS) workbook is your On the Job Training (OJT) performance checklist for certification as Floating OCS Facility (FOF) 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 a FOFI to conduct an Inspection for Certification. Those members who will be conducting inspections on FOFs are required to complete all tasks and steps in this PQS workbook. Certain tasks associated with inspections on FOFs 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 perform specialized tasks you will be required to complete the specific tasks and steps associated with that particular type of inspection which are incorporated in the following additional PQS workbook:

DCN: MPS-PQS-TCY-CDA – Commercial Diving

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: "Floating OCS Facility 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. **Facility types:** The specific type of facility within the formal title of the qualification that the task is associated with.
Example: "Tension Leg Platform (TLP)"

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 FOFI 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 been 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 task being deferred for an individual seeking certification as a Floating OCS Facility Inspector (FOFI), that individual's Chief, Inspections Division (CID) or Marine Inspection Training Officer (MITO) shall notify the Outer Continental Shelf National Center of Expertise (OCS NCOE). The OCS NCOE will work with the individual and his/her unit to identify an opportunity for the individual to demonstrate proficiency with the task. If an opportunity cannot be identified, the OCS NCOE shall notify the individual's unit via e-mail. A copy of the e-mail from the OCS NCOE shall be attached to the individual's FOFI PQS workbook until proficiency with the task has been demonstrated.

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).**

IMPORTANT NOTE: FOFs have limited legal applicability for specific parts of the CFRs. VOs are to ensure that trainees have a working knowledge of the applicability of a requirement for every task and step in this PQS workbook. Remember, applicability starts in 33 CFR Subchapter N (33 CFR 143.120 for FOFs).

All CFR references are from the 2017 edition of the respective Subchapter, unless specified otherwise on the PQS task card.

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:				

Floating OCS Facility Inspector (FOFI) PQS

RECORD OF COMPLETION		
Training Prerequisites	Date	Training Coordinator's Signature
A. Assign FOFI competency in TMT		
B. Completion of 01 domestic MI competency		
C. Completion of the following resident and on-line courses:		
1. Marine Inspector Course (501869);		
2. Introduction to Confined Space Entry and Shipyard Competent Person for Marine Inspection/Port State Control (100028); and		
3. Helicopter Underwater Egress Training (HUET)		
D. Completion of this PQS Workbook		
E. Successful completion of final assessment under the observation of the Verifying Officer		
F. Successful completion of the final board by FOFI Certification Board (FOFICB)		
FOFICB Members Present for Board:		
G. Completion of Floating OCS Facility Industry Indoctrination		
H. Certification/Designation Letter submitted for approval		
I. Once Certification/Designation Letter is signed make appropriate entries in TMT		
REMARKS:		

Floating OCS Facility Inspector (FOFI) PQS

Task Number	Task Description	Date Completed
FOFI-PI01	Schedule inspection in Maritime Information for Safety and Law Enforcement (MISLE)	
FOFI-PI02	Coordinate inspection with facility's representative	
FOFI-PI03	Conduct meeting with facility's representative	
FOFI-PI04	Issue Letter of Determination (LOD)	
FOFI-PI05	Mitigate potential hazards encountered during an inspection	
FOFI-PI06	Review Design Basis Agreement (DBA)	
FOFI-SD01	Review Facility Security Plan (FSP)	
FOFI-SD02	Review security records/documents	
FOFI-SD03	Inspect security equipment and access control	
FOFI-SD04	Review crew knowledge of Security Plan	
FOFI-CD01	Review Certificate of Inspection (COI)	
FOFI-CD02	Review Merchant Mariner Credentials (MMCs), Medical Certificates & Transportation Worker Identification Credentials (TWICs)	
FOFI-CD03	Review Classification Society Certificate (if classed) and documents	
FOFI-LM01	Review firefighting equipment maintenance and service logs/reports	
FOFI-LM02	Review Unfired Pressure Vessels (UPVs) and relief valves maintenance and service logs/reports	
FOFI-LM03	Review Marine Operating Manual (MOM)	
FOFI-LM04	Review Emergency Evacuation Plan (EEP)	
FOFI-LM05	Review construction portfolio	
FOFI-LM06	Review refuse (garbage) logs and waste management plan	
FOFI-LM07	Review transfer procedures	
FOFI-CC01	Inspect external communications	
FOFI-GH01	Inspect accommodation spaces	
FOFI-GH02	Inspect mess deck and galley spaces	
FOFI-GH03	Inspect Personal Protective Equipment (PPE) and procedures	
FOFI-GH04	Inspect hospital space	
FOFI-GH05	Inspect paint locker(s)	
FOFI-GH06	Inspect Portable Accommodation Module(s) (PAM)	

Floating OCS Facility Inspector (FOFI) PQS

Task Number	Task Description	Date Completed
FOFI-LS01	Inspect general emergency alarm system	
FOFI-LS02	Inspect lifeboats	
FOFI-LS03	Inspect muster and embarkation stations	
FOFI-LS04	Inspect means of escape from the facility	
FOFI-LS05	Inspect inflatable and davit-launched liferaft installations	
FOFI-LS06	Inspect rescue boat	
FOFI-LS07	Inspect boat davits	
FOFI-LS08	Inspect Emergency Position Indicating Radio Beacon (EPIRB), if installed	
FOFI-LS09	Inspect distress signals	
FOFI-LS10	Inspect life jackets	
FOFI-LS11	Inspect work vests	
FOFI-LS12	Inspect (ring) life buoys	
FOFI-FF01	Inspect structural fire protection (SFP)	
FOFI-FF02	Inspect fixed fire detection and alarm system	
FOFI-FF03	Inspect fireman's outfits	
FOFI-FF04	Inspect fire boundary closures	
FOFI-FF05	Inspect fire pump, prime movers, fire main and systems	
FOFI-FF06	Inspect fire stations	
FOFI-FF07	Inspect portable fire extinguishers	
FOFI-FF08	Inspect semi-portable fire extinguishers	
FOFI-FF09	Inspect fire axes	
FOFI-FF10	Inspect high pressure CO2 systems (including galley CO2 suppression systems)	
FOFI-FF11	Inspect water mist systems	
FOFI-FF12	Inspect clean agent fire extinguishing system	
FOFI-FF13	Inspect fixed foam extinguishing system	
FOFI-FF14	Inspect galley suppression system using non-CO2 chemical agents	
FOFI-FF15	Inspect deluge system	
FOFI-FF16	Inspect automatic sprinkler system	
FOFI-HD01	Inspect helideck	

Floating OCS Facility Inspector (FOFI) PQS

Task Number	Task Description	Date Completed
FOFI-HD02	Inspect helideck fire fighting system	
FOFI-HD03	Inspect helideck refueling station	
FOFI-MI01	Inspect bilge system	
FOFI-MI02	Inspect ballast system	
FOFI-MI03	Inspect fuel oil service and transfer systems	
FOFI-MI04	Inspect unfired pressure vessels (UPVs)	
FOFI-MI05	Inspect main service gas turbine generators & prime movers	
FOFI-MI06	Inspect operation of main service gas turbine generators & prime mover alarms & shut downs	
FOFI-MI07	Inspect temporary and auxiliary diesel generators	
FOFI-MI08	Inspect emergency generators and prime movers	
FOFI-MI09	Inspect air compressors	
FOFI-ES01	Inspect switchboards	
FOFI-ES02	Inspect motor controllers	
FOFI-ES03	Inspect ventilation system(s) in hazardous areas	
FOFI-ES04	Inspect emergency switchboards	
FOFI-ES05	Inspect battery installations	
FOFI-ES06	Inspect lighting systems and fixtures	
FOFI-ES07	Inspect emergency lighting	
FOFI-ES08	Inspect panel boards/distribution panels	
FOFI-ES09	Inspect electrical cables, wires, and fixtures	
FOFI-ES10	Inspect temporary emergency power loads	
FOFI-ES11	Inspect industrial equipment/systems	
FOFI-ES12	Inspect multi-cable transits (MCTs)	
FOFI-ES13	Inspect hazardous location plan	
FOFI-ES14	Inspect intrinsically safe electrical equipment in hazardous locations	
FOFI-ES15	Inspect non-intrinsically safe electrical equipment in hazardous locations	
FOFI-ES16	Inspect machinery in hazardous areas	
FOFI-ES17	Inspect elevators	
FOFI-SW01	Inspect hatches and class 1 watertight doors	

Floating OCS Facility Inspector (FOFI) PQS

Task Number	Task Description	Date Completed
FOFI-SW02	Inspect class 2 and 3 watertight doors	
FOFI-SW03	Inspect watertight bulkheads and penetrations	
FOFI-PP01	Inspect marine sanitation devices (MSD)	
FOFI-PP02	Inspect pollution prevention equipment and documentation	
FOFI-PP03	Inspect garbage handling equipment	
FOFI-PP04	Verify compliance with prevention of unauthorized oil discharges to marine environment on location (Operating under a National Pollutant Discharge Elimination System (NPDES) Permit)	
FOFI-TE01	Inspect foghorn(s)/sound signals	
FOFI-TE02	Inspect obstruction lights	
FOFI-TE03	Inspect hull markings	
FOFI-TE04	Inspect tank vents	
FOFI-TE05	Inspect means of escape, rails and general workplace conditions	
FOFI-TE06	Inspect air ports and ventilation closures	
FOFI-CS01	Inspect marine portable tanks (MPTs)	
FOFI-CS02	Inspect cranes	
FOFI-HI01	Inspect hull structure	
FOFI-SB01	Evaluate compliance with stability protocols in Marine Operating Manual (MOM)	
FOFI-SB02	Inspect Tendon Tension Monitoring System (TTMS)	
FOFI-SB03	Evaluate crew familiarity with stability and the Marine Operating Manual (MOM)	
FOFI-ED01	Evaluate fire drill	
FOFI-ED02	Evaluate abandonment drill	
FOFI-FU01	Issue deficiencies	
FOFI-FU02	Verify deficiency corrections	
FOFI-FU03	Issue/endorse certificates	
FOFI-FU04	Complete Maritime Information for Safety and Law Enforcement (MISLE) Activity	

Floating OCS Facility (FOF)**Certificate of Inspection****Pre-Inspection (PI)****All FOFs**

Task: **FOFI-PI01 Schedule inspection in Maritime Information for Safety and Law Enforcement (MISLE)**

Condition: *During preparation for inspection*

Standard: *In accordance with current policies, procedures and processes*

- References:**
1. Title 33, Code of Federal Regulations Parts 140, 143 & 146
 2. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
 3. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management
 4. Mission Planning System (MPS) MPS-PR-SEC-01, MPS-PR-SEC-02 & MPS-PR-SEC-04
 5. CG-ENG Policy Letter 01-13 Alternate Design and Equipment Standard for Floating Offshore Installations (FOI) and Floating Production, Storage, and Offloading (FPSO) Units on the U.S. Outer Continental Shelf
 6. MISLE User Guide

Steps		References	Initials
PI01.1	Determine the authority, jurisdiction, and applicable regulation(s)	33 CFR 140.3 & .101(a) 33 CFR 143.120 & .207 33 CFR 146.205	
PI01.2	Verify alternatives in design and equipment standards (e.g. design basis agreement)	CG-ENG Policy Ltr 01-13	
PI01.3	Locate facility	MPS-PR-SEC-04 MISLE User Guide	
PI01.4	Verify documents are current	MPS-PR-SEC-04 MSM 1/12.G.5	
PI01.5	Review history (narratives, deficiencies & special notes)	MSM 1/12.G.2.a MPS-PR-SEC-02 & 04 MISLE User Guide	
PI01.6	Verify status of user fees	46 CFR 2.10-1	
PI01.7	Prepare folder and required documents	46 CFR 2.01-5 MPS-PR-SEC-01 MPS-PR-SEC-04	
PI01.8	Generate new activity	MISLE User Guide	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of MISLE, Coast Guard's Mission Management System (MMS) processes and procedures. MPS-PR-SEC (Process Maps) references can be found in the CVC-1 & CVC-2 folders at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>*

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Pre-Inspection (PI)****All FOFs****Task:** FOFI-PI02 Coordinate inspection with facility's representative**Condition:** During preparation for inspection**Standard:** In accordance with current policies, procedures and processes

References:

1. Title 33, Code of Federal Regulations Part 140 OCS-General
2. MPS-PR-SEC-01 Scheduling Domestic Vessel Inspections
3. MPS-PR-SEC-04 Preparing for Inspections and Examinations

Steps		References	Initials
PI02.1	Identify vessel's representative	MPS-PR-SEC-01 MPS-PR-SEC-04	
PI02.2	Confirm inspection time and destination	MPS-PR-SEC-01	
PI02.3	Articulate examination expectations	33 CFR 140.101(a), (c) & (d)	
PI02.4	Verify owner/operator information	MPS-PR-SEC-04	
PI02.5	Verify Classification Society information	MPS-PR-SEC-04	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of their unit's and/or District's policies and procedures for arranging flights to/from the FOF and how to complete any required contractual paperwork. Trainee shall also have a working knowledge of Coast Guard's Mission Management System (MMS) processes and procedures. MPS-PR-SEC (Process Maps) references can be found in the CVC-1 & CVC-2 folders at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pre-Inspection (PI)****All FOFs****Task:** FOFI-PI03 Conduct meeting with facility's representative**Condition:** During preparation for inspection**Standard:** In accordance with current policies, procedures and processes

References:

1. Title 33, Code of Federal Regulations Part 140 OCS - General
2. MPS-PR-SEC-04 Preparing for Inspections and Examinations

Steps		References	Initials
PI03.1	Review outstanding Conditions of Class and third party servicing report discrepancies	MPS-PR-SEC-04	
PI03.2	Discuss inspection procedures and expectations	33 CFR 140.101 (a), (c) & (d)	
PI03.3	Review any operations that could affect inspection/equipment with OIM	MPS-PR-SEC-04	
PI03.4	Coordinate testing procedures and inspection	MPS-PR-SEC-04	

Verifying Officer Guidance: Trainee shall demonstrate confidence, openness to differing points of view and flexibility. Trainee shall also have an understanding of the scope of a COI inspection and how to conduct an inspection, taking into consideration ongoing operations. MPS-PR-SEC -04 (Process Map) reference can be found in the CVC-1 folder at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>.

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

Floating OCS Facility (FOF)**Certificate of Compliance****Pre-Inspection (PI)****All FOFs****Task:** FOFI-PI04 Issue Letter of Determination (LOD)**Condition:** *During preparation for inspection***Standard:** *In accordance with current policies, procedures and processes*

- References:**
1. Title 5, United States Code § 552 Freedom of Information Act & § 552a Privacy Act
 2. Title 43, United States Code § 1356 OCS Lands - Documentary, Registry & Manning Requirements
 3. Title 33, Code of Federal Regulations Part 141 OCS - Personnel
 4. COMDTINST M5212.12A Information and Life Cycle Management Manual
 5. COMDTINST M5260.3 Coast Guard Freedom of Information (FOIA) and Privacy Acts Manual
 6. NVIC 07-84 Outer Continental Shelf (OCS) Citizenship Requirements; Exemptions from

Steps		References	Initials
PI04.1	Determine applicability	43 USC 1356(c) 33 CFR 141.5	
PI04.2	Review request	33 CFR 141.15 NVIC 07-84	
PI04.3	Prepare LOD	33 CFR 141.15 NVIC 07-84	
PI04.4	Retain a copy and log issued LODs	5 USC 552 & 552a COMDTINST M5260.3 COMDTINST M5212.12A	
PI04.5	Secure documentation received from employers/applicants	COMDTINST M5212.12A	

Verifying Officer Guidance: *Trainee shall exhibit a working knowledge of Coast Guard (HQ, District and unit) policies and procedures related to the issuance of LODs, including when to escalate the request for District and/or CG-CVC review/action. Trainee should also understand the differences between an LOD issued by the OCMI and an Exemption Letter issued by CG-CVC.*

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

Floating OCS Facility (FOF)**Certificate of Compliance****Pre-Inspection (PE)****All FOFs****Task:** FOFI-PI05 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, Chapter 10 & Appendix A,C,G to chap 10
 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, 2009
 5. Quattro Operator's Manual

Steps		References	Initials
PI05.1	Recognize potential hazards	NFPA 306	
PI05.2	Determine confined spaces	MSM I/10 App. A	
PI05.3	Determine if inspection scope will require a Marine Chemist certification for entry into spaces	29 CFR 1915, Part B MSM II/G.1.J	
PI05.4	Verify Marine Chemist has been scheduled for the inspection	MSM I/10 App. A	
PI05.5	Prepare necessary personal protective equipment for inspection	MSM I/10 App. A Quattro Operator's Manual MSM I/10 App. A	
PI05.6	Review CG policy for leaving spaces due to hazardous condition	MSM I/10 App. A	

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pre-Inspection (PI)****All FOFs****Task:** FOFI-PI06 Review Design Basis Agreement (DBA)**Condition:** During preparation for inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. CG-ENG Policy Letter 01-13 Alternate Design and Equipment Standard for Floating Offshore Installations (FOI) and Floating Production, Storage, and Offloading (FPSO) Units on the U.S. Outer Continental Shelf
 2. Facility's Design Basis Letter

Steps		References	Initials
PI06.1	Verify document is available in MISLE	CG-ENG Policy Ltr 01-13	
PI06.2	Determine classification society & design standard(s)	CG-ENG Policy Ltr 01-13 Encl 1(1)(a), (b) & (c)	
PI06.3	Verify classification standards are accessible	CG-ENG Policy Ltr 01-13 Encl 1(1)(a), (b) & (c)	
PI06.4	Identify areas where facility's design and equipment standards differ from regulatory requirements	CG-ENG Policy Ltr 01-13 Facility's design basis letter	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of a Design Basis Agreement's use for alternate compliance from the regulations by utilization of alternative standards. Trainee shall understand the roles of various Coast Guard offices in the process and the limitations of Design Basis Agreements as they pertain to floating offshore installations per the CG-ENG Policy Letter 01- 13.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All FOFs****Task:** FOFI-SD01 Review Facility Security Plan (FSP)**Condition:** *During Security Compliance Inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

- References:**
1. Title 33, Code of Federal Regulations Part 106 Marine Security: Outer Continental Shelf (OCS) Facilities
 2. Title 49, Code of Federal Regulations Part 1520 Protection of Sensitive Security Information
 3. NVIC 05-03 Implementation Guidance for the Maritime Security Regulations Mandated by the Maritime Transportation Security Act of 2002 for Outer Continental Shelf Facilities

Steps		References	Initials
SD01.1	Determine applicability	33 CFR 106.105 NVIC 05-03/Encl (1)	
SD01.2	Verify presence of valid approval letter	33 CFR 106.115(a) & (c)	
SD01.3	Verify contents	33 CFR 106.235 33 CFR 106.405	
SD01.4	Verify any amendments have been approved	33 CFR 106.415 NVIC 05-03/Encl (3)	
SD01.5	Verify plan is protected	33 CFR 106.400(c) 49 CFR 1520	
SD01.6	Verify security incident procedures	33 CFR 106.280	
SD01.7	Verify presence of Facility Security Assessment Report	33 CFR 106.305(d)	

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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All FOFs****Task:** FOFI-SD02 Review security records/documents**Condition:** *During Security Compliance Inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 106 Marine Security: Outer Continental Shelf (OCS) Facilities

Steps		References	Initials
SD02.1	Determine applicability	33 CFR 106.105	
SD02.2	Verify TWIC program implementation	33 CFR 106.200(b)(6)	
SD02.3	Verify record of security training for facility security officer (FSO)	33 CFR 106.210	
SD02.4	Verify record(s) of security training for OCS personnel with security duties	33 CFR 106.215	
SD02.5	Verify record(s) of security training for all facility personnel	33 CFR 106.220	
SD02.6	Verify presence of Declarations of Security (DoS)	33 CFR 106.230(b)(7) 33 CFR 106.250	
SD02.7	Verify record(s) of security drills conducted	33 CFR 106.230(b)(2) 33 CFR 106.225(b)	
SD02.8	Verify record(s) of annual exercise conducted	33 CFR 106.230(b)(2) 33 CFR 106.225(c)	
SD02.9	Verify record(s) of annual audit conducted	33 CFR 106.415(b) 33 CFR 106.230(b)(8)	
SD02.10	Verify records of security incidents, MARSEC level & security threats	33 CFR 106.230	
SD02.11	Verify CSO and FSO are designated in writing	33 CFR 106.200(b)(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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All FOFs****Task:** FOFI-SD03 Inspect security equipment and access control**Condition:** *During Security Compliance Inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 106 Marine Security: Outer Continental Shelf (OCS) Facilities

Steps		References	Initials
SD03.1	Verify condition of security system(s) and equipment	33 CFR 106.255	
SD03.2	Inspect access control measures	33 CFR 106.260(a)(3) 33 CFR 106.260(b)(1) 33 CFR 106.275	
SD03.3	Inspect signs	33 CFR 106.260(f)(3)	
SD03.4	Verify restricted area markings	33 CFR 106.265(b)	
SD03.5	Verify communications	33 CFR 106.240	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and use. Trainee shall demonstrate a working knowledge of access control measures and that they do not inhibit facility egress routes. Some security protocols may be satisfied at the heliport ashore, in lieu of at the FOF.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Security (Domestic) Inspection (SD)****All FOFs****Task:** FOFI-SD04 Review crew 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 106 Marine Security: Outer Continental Shelf (OCS) Facilities

Steps		References	Initials
SD04.1	Evaluate facility security officer's (FSO) knowledge	33 CFR 106.210(b)	
SD04.2	Evaluate crew's knowledge	33 CFR 106.215 33 CFR 106.270	

Verifying Officer Guidance: *Trainee shall understand the roles and responsibilities of an FSO and the criteria for and importance of properly evaluating the effectiveness of the FOF'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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Certificates and Documents (CD)****All FOFs****Task:** FOFI-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 33, Code of Federal Regulations Part 143 OCS - Design and Equipment
2. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
3. Title 46, Code of Federal Regulations Part 15 Manning Requirements
4. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
5. Title 46, Code of Federal Regulations Part 109 MODU Operations
6. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
CD01.1	Verify COI is onboard	33 CFR 143.120(c) MSM II/G.4.C	
CD01.2	Validate manning	46 CFR 15.501 MSM II/G.4.L.2 46 CFR 109.323	
CD01.3	Validate firefighting & lifesaving equipment requirements	46 CFR 108, Subpart D 46 CFR 108, Subpart E	
CD01.4	Verify for errors and completeness	MSM II/A.3.B	
CD01.5	Review amendments	46 CFR 2.01-5	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of endorsements relating to manning (Offshore Installation Manager, Barge Supervisor, Ballast Control Operator, Lifeboatman, Firefighting Specialist, etc.).

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

Floating OCS Facility (FOF)**Certificate of Inspection****Certificates and Documents (CD)****All FOFs**

Task: **FOFI-CD02 Review Merchant Mariner Credentials (MMCs), Medical Certificates & Transportation Worker Identification Credentials (TWICs)**

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 10 Merchant Mariner Credential
2. Title 46, Code of Federal Regulations Part 11 Requirements for Officer
3. Endorsements
4. Title 46, Code of Federal Regulations Part 12 Requirements for Rating
5. Endorsements
6. Title 46, Code of Federal Regulations Part 15 Manning Requirements
7. Title 46, Code of Federal Regulations Part 109 MODU Operations
8. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
CD02.1	Verify presence & validity of original MMCs & certificates	46 CFR 10.205 & 11.470 thru .474 46 CFR 12.401 & .407	
CD02.2	Verify MMCs meet COI manning requirements	46 CFR 15.515	
CD02.3	Verify Transportation Worker Identification Credential (TWIC)	46 CFR 10.203(b)	
CD02.4	Examine medical certificates	46 CFR 10.301	
CD02.5	Verify number of Lifeboatmen	MSM II/G.4.L.2.a 46 CFR 109.323	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of all OIM, Barge Supervisor, and Ballast Control Operator endorsements (ballasting, drilling, etc.), their purpose and how to use the information contained therein. Trainee should demonstrate an understanding between the various endorsements that will satisfy lifeboatmen requirements.*

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Certificates and Documents (CD)****All FOFs****Task:** FOFI-CD03 Review classification society certificate (if classed) and documents**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 8 Vessel Inspection Alternatives

Steps		References	Initials
CD03.1	Verify applicability	46 CFR 8 Subpart B	
CD03.2	Verify validity	46 CFR 8 Subpart B	
CD03.3	Verify endorsement	46 CFR 8 Subpart B	

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 notations for all accepted classification societies (ABS, DNV/GL, Lloyd's).

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

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs**

Task: FOFI-LM01 Review firefighting equipment maintenance and service logs/reports

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 145 OCS Fire-Fighting Equipment
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. NFPA 10 Standard for Portable Fire Extinguishers, 2010
4. NFPA 13 Standard for the Installation of Sprinkler Systems, 1996
5. NFPA 25 Standard for the Inspection, Testing, and Maintenance of Water-Based
6. Fire Protection Systems

Steps		References	Initials
LM01.1	Review record(s) of inspection and maintenance of portable & semi-portable fire extinguishers	33 CFR 145.01 NFPA 10/7.2.4, 7.3.3 & 7.4.5	
LM01.2	Verify inspection and servicing of fire extinguishers by appropriate personnel	33 CFR 145.01(b)	
LM01.3	Verify discrepancies on servicing reports are corrected	33 CFR 145.01 NFPA 10/7.2.3 & 7.2.4	
LM01.4	Verify record of automatic sprinkler system tested annually	46 CFR 108.430 NFPA 13/9-9.1.1 > NFPA 25/2-2	

Verifying Officer Guidance: When accepting third-party fixed firefighting test reports, the trainee shall demonstrate an understanding that there should be variations in cylinder weights. Trainee shall also demonstrate a working knowledge of galley/scullery closing apparatus tests are acceptable only if operated, tested, and maintained according to the manufacturer's instructions.

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs**

Task: FOFI-LM02 Review Unfired Pressure Vessels (UPVs) and relief valves maintenance and service logs/reports

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 54 Pressure Vessels
2. Title 46, Code of Federal Regulations Part 61 Marine Engineering - Periodic Tests & Inspections
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch 2

Steps		References	Initials
LM02.1	Verify required UPV tests conducted	46 CFR 61.10-5(a)	
LM02.2	Verify UPV relief valves tested	46 CFR 54.15-10 46 CFR 61.10-5(i)	
LM02.3	Verify UPV five year internal inspection	46 CFR 61.10-5(b)	
LM02.4	Examine ultra-sonic testing (UT) report	MSM II/B.1.O.4.d	

Verifying Officer Guidance: Trainee shall demonstrate an understanding of corrosion allowances and utilize the American Society of Mechanical Engineers (ASME) U-1A Manufacturer's Data Report when reviewing a UT report.

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs****Task:** FOFI-LM03 Review Marine Operating Manual (MOM)**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 143 Design and Equipment
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 109 MODU - Operations

Steps		References	Initials
LM03.1	Verify pressence of approval letter	33 CFR 143.120(a) 46 CFR 107.305(ii) 46 CFR 109.121	
LM03.2	Verify table of contents and index	46 CFR 109.121(b)(1)	
LM03.3	Verify general description of unit	46 CFR 109.121(b)(2)	
LM03.4	Verify limiting design data for each mode of operation	46 CFR 109.121(b)(3)	
LM03.5	Verify lightship, stability and loading condition contents	46 CFR 109.121(b)(4) thru (13)	
LM03.6	Verify guidance addressing severe storm passage, operational changes and limitations	46 CFR 109.121(b)(14) thru (16)	
LM03.7	Verify guidance and information regarding bilge and ballast systems	46 CFR 109.121(b)(17) thru (19)	
LM03.8	Verify facility schematics and plans	46 CFR 109.121(b)(20) thru (23)	
LM03.9	Verify procedures for evacuating personnel	46 CFR 109.121(b)(24)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the Manual's purpose, format and contents of each required section. During the inspection, it is crucial to verify that the crew is very familiar with the manual and its usage. Trainee should verify the manual is adequate for current operations. Trainee should also be able to articulate the importance of the Manual, especially with regards to the stability of the FOF. Trainee is to understand the path for the incorporation of 46 CFR 109.121 via 46 CFR 107.305.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs****Task:** FOFI-LM04 Review Emergency Evacuation Plan (EEP)**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 146 OCS - Operations

Steps		References	Initials
LM04.1	Verify EEP is applicable to on-site conditions	33 CFR 146.140(a)	
LM04.2	Verify presence of approval letter	33 CFR 146.140(b)	
LM04.3	Verify contents and revision pages for changes	33 CFR 146.140(d)	
LM04.4	Verify EEP annual drill was conducted	33 CFR 146.125(c)(1)	

Verifying Officer Guidance: *Trainee should know and understand the Plan's purpose, format, contents and how to document the Plan's official approval information into MISLE. Trainee shall also verify that the crew is familiar with the plan and how to implement it.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs****Task:** FOFI-LM05 Review construction portfolio**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 107 MODU - Inspection & Certification
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

Steps		References	Initials
LM05.1	Verify Coast Guard and/or classification society approval	46 CFR 107.305(hh) NVIC 10-82	
LM05.2	Verify contents	46 CFR 107.305(hh)	

Verifying Officer Guidance: Trainee should know and understand the portfolio's purpose, format, contents and how to review it. Trainee shall verify that the crew is familiar with the portfolio and if any repairs have been made that they were properly conducted IAW it and be aware, that it is allowed to be included with the ops manual.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs****Task:** FOFI-LM06 Review refuse (garbage) logs and waste 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

Steps		References	Initials
LM06.1	Verify logs are complete and accurate	33 CFR 151.63 33 CFR 151.73	
LM06.2	Verify signature entries	33 CFR 151.63	
LM06.3	Verify plan is present	33 CFR 151.57	
LM06.4	Verify placard(s) posted	46 CFR 151.59	
LM06.5	Verify plastics are retained or incinerated	46 CFR 151.55	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of each log/manual's nomenclature, purpose and use of information contained therein.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Logs and Manuals Inspection (LM)****All FOFs****Task:** FOFI-LM07 Review 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

Steps		References	Initials
LM07.1	Verify Person In Charge is identified	33 CFR 155.750(a)(4)	
LM07.2	Verify posted or available at transfer station	33 CFR 155.740(c)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of transfer procedure's nomenclature, purpose and use of information contained therein.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Command & Control (CC)****All FOFs****Task:** FOFI-CC01 Inspect external communications**Condition:** During control room inspection**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 33, Code of Federal Regulations Part 146 OCS - Operations

Steps		References	Initials
CC01.1	Verify means and location of emergency communications	33 CFR 146.140(e)(1)	
CC01.2	Verify communications equipment, frequencies and schedules as specified in Evacuation Plan	33 CFR 146.140(d)(5)	

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:**

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH01 Inspect accommodation spaces**Condition:** During general health and safety inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
GH01.1	Verify berth arrangement and appropriate size	46 CFR 108.199 46 CFR 108.201 46 CFR 108.203	
GH01.2	Verify means of escape	46 CFR 108.155 thru .157	
GH01.3	Verify condition of vents and ducts	MSM II/B.1.N.9	
GH01.4	Verify sanitary conditions	46 CFR 108.205(n)	
GH01.5	Inspect wash spaces, toilet spaces and shower spaces	46 CFR 108.205	
GH01.6	Verify passageways are clear	33 CFR 143.101(e)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the potential for evacuation obstructions in passageways, such as laundry bags on the floor.

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

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH02 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 108 MODU - Design & Equipment
 2. Title 46, Code of Federal Regulations Part 110 Electrical Engineering - General Provisions
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems
 6. and Machinery
 7. Original Equipment Manufacturer's (OEM) Instructions

Steps		References	Initials
GH02.1	Verify condition of vents and ducts	MSM II/B.1.N.9	
GH02.2	Examine condition and operation of galley and scullery window closures	46 CFR 108.135 OEM Instructions	
GH02.3	Verify arrangement of messroom(s)	46 CFR 108.207	
GH02.4	Examine electrical equipment	46 CFR 111.01-9 46 CFR 110.10-1(j)(6) ABS Rules 4-8-3 Table 2	

Verifying Officer Guidance: Trainee shall verify that no items (tubs, dishes, sneeze-guard, etc.) impede the proper operation of the galley and scullery window closures. Trainee shall understand sliding or roll-down doors, such as galley and scullery closures, should be submitted to the Marine Safety Center for approval. Trainee shall have a working knowledge that if a freezer/chill box is capable of being opened from the inside, this feature must be in proper working order.

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

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH03 Inspect Personal Protective Equipment (PPE) and procedures**Condition:** During general health and safety inspection**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 33, Code of Federal Regulations Part 142 OCS - Workplace Safety & Health

Steps		References	Initials
GH03.1	Verify availability of PPE (eye, head and face)	33 CFR 142.27 33 CFR 142.30	
GH03.2	Verify foot protection	33 CFR 142.33	
GH03.3	Verify protective clothing	33 CFR 142.36	
GH03.4	Verify availability of respiratory protection equipment for required atmospheres	33 CFR 142.39	
GH03.5	Verify availability of safety belt or harness	33 CFR 142.42	
GH03.6	Verify personnel working in locations over water are wearing personal flotation device (PFD)	33 CFR 142.45	
GH03.7	Verify availability and operation of eyewash equipment	33 CFR 142.48	
GH03.8	Verify condition of work space	33 CFR 142.84	
GH03.9	Verify deck openings appropriately guarded	33 CFR 142.87	
GH03.10	Verify lock out/tag out procedures are being utilized	33 CFR 142.90	

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

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

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH04 Inspect hospital space**Condition:** *During general health and safety inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References: 1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
GH04.1	Determine applicability	46 CFR 108.209(a) 46 CFR 108.210	
GH04.2	Verify adequate number of berths	46 CFR 108.209(h)	
GH04.3	Verify berth with accessibility from both sides	46 CFR 108.209(g)	
GH04.4	Verify upper berth is hinged (when applicable)	46 CFR 108.209(f)	
GH04.5	Verify toilet, washbasin, bathtub or shower, locker, table and seat	46 CFR 108.209(i)	
GH04.6	Verify hot and cold running water	46 CFR 108.209(i) 46 CFR 108.205(i)	
GH04.7	Verify space not used for storage when in use	46 CFR 108.209(c)	
GH04.8	Examine first aid kit contents	46 CFR 108.707 33 CFR 146.15a	
GH04.9	Verify stowage and capability of litter	46 CFR 108.709	
GH04.10	Examine treatment room (when applicable)	46 CFR 108.210	

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

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH05 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 108 MODU - Design & Equipment
2. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements

Steps		References	Initials
GH05.1	Verify fire protection	46 CFR 108.403(a)(1)	
GH05.2	Examine space construction material	46 CFR 108.127	
GH05.3	Verify electrical installations	46 CFR 111.105-5 46 CFR 111.105-43	
GH05.4	Verify means to secure ventilation	46 CFR 108.181	
GH05.5	Verify means to release pressure	46 CFR 108.457	

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 facility and personnel. If electrical installations exist, within or in the vicinity of the paint locker, equipment must comply with hazardous location requirements found in 46 CFR Subchapter J. Trainees should be aware of how the requirements apply to both installed and temporary/portable paint lockers.

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

Floating OCS Facility (FOF)**Certificate of Inspection****General Health & Safety Inspection (GH)****All FOFs****Task:** FOFI-GH06 Inspect Portable Accommodation Module(s)(PAM)**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 107 MODU Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. CG-ENG Policy Letter 01-16, Portable Accommodation Module (PAM) Guidance
 5. ABS Guide for Portable Accommodation Modules, 2014

Steps		References	Initials
GH06.1	Verify PAM identification plate to include CG number is permanently attached	46 CFR 107.305 CG-ENG Policy Ltr 01-16	
GH06.2	Verify fire and safety plan is posted in conspicuous location in PAM	46 CFR 107.305 CG-ENG Policy Ltr 01-16	
GH06.3	Verify PAM integration with shipboard systems is satisfactory (i.e. sanitary, potable water, fire & gas detection, public address, etc.)	46 CFR 107.305 CG-ENG Policy Ltr 01-16	
GH06.4	Witness operational test of fire and gas alarms	46 CFR 108.405(a)(2) CG-ENG Policy Ltr 01-16 ABS Guide 2.15.7	
GH06.5	Examine portable firefighting equipment	46 CFR 108.495	
GH06.6	Examine personal lifesaving equipment	46 CFR 108.580(b)	
GH06.7	Verify operation of emergency lighting	46 CFR 111.75-15(c)(2) CG-ENG Policy Ltr 01-16 ABS Guide 2.15.11	
GH06.8	Verify operation of ventilation shutdown(s)/closure(s)	46 CFR 108.181 ABS Guide 2.15.17	
GH06.9	Verify means of escape	46 CFR 108.151 & .153 CG-ENG Policy Ltr 01-16	
GH06.10	Verify securing arrangements to facility	46 CFR 107.305 CG-ENG Policy Ltr 01-16	
GH06.11	Verify documentation and markings (CG number)	46 CFR 107.305 CG-ENG Policy Ltr 01-16	

[Task FOFI-GH06 continued on next page]

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

GH06.12	Verify all areas of PAM installation can be reached by two spray patterns of water	46 CFR 108.423(a)	
GH.06.13	Verify modifications have been completed IAW approval letter	46 CFR 107.305 CG-ENG Policy Ltr 01-16	

Verifying Officer Guidance: *Trainee should demonstrate a working knowledge of additional requirements as outlined in CG-ENG Policy Ltr 01-16 that relate to installation of a PAM onboard the facility (i.e. stability/lightship modifications, increased POB on the COI, etc.).*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS01 Inspect general emergency alarm system**Condition:** *During lifesaving equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References: 1. Title 33, Code of Federal Regulations Part 146 OCS Facilities
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
LS01.1	Verify alarm activation points/contact makers locations	33 CFR 146.105	
LS01.2	Verify contact makers and bell markings	46 CFR 108.623 46 CFR 108.625	
LS01.3	Verify operation	33 CFR 146.105	
LS01.4	Verify audibility of Public Address system and ability to interrupt all other audio systems	33 CFR 146.105	

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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS02 Inspect lifeboats**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment & 146 OCS - Operations
 2. Title 46 , Code of Federal Regulations Parts 108, 160 & 160 (2011 verison)
 3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 4. Ch-2
 5. NVIC 02-92 Survival Equipment for Lifeboats and Liferafts
 6. Lifesaving Appliances including LSA Code, 2010
 7. IMO MSC.1/Circ. 1205 Guidelines for Developing Operation and Maintenance Manuals for Lifeboat Systems & IMO MSC.1/Circ. 1206/Rev.1 Measures to Prevent Accidents with Lifeboats

Steps		References	Initials
LS02.1	Determine applicability	33 CFR 143.120 46 CFR 108.515 46 CFR 108.525	
LS02.2	Verify USCG type approval for boat and release gear or accepted equivalency	46 CFR 108.520 46 CFR 108.105	
LS02.3	Determine rated capacity from data plate and ensure weights marked are IAW applicable requirements	46 CFR 160.135 & .035	
LS02.4	Verify stowage	46 CFR 108.530	
LS02.5	Verify instructions posted inside lifeboat for release gear	46 CFR 160.133-19(c)	
LS02.6*	Examine release gear and verify gear meets IMO revised regulations	33 CFR 146.15 & 143.120(b) 46 CFR 108.520(a), 160.135-7(a)(17) & 160.133-21(a)(1) IMO MSC.1/Circ. 1205 & IMO MSC.1/Circ. 1206	
LS02.7	Verify presence and stowage of required equipment without reducing seating capacity	46 CFR 108.575 (a) & (b) NVIC 02-92	
LS02.8	Verify dual-service designated rescue boats have additional required equipment	46 CFR 108.575	
LS02.9	Verify sprinkler system components	46 CFR 160.135 46 CFR 160.035	

[Task FOFI-LS02 continued on next page]

LS02.10	Verify self-contained air system components and operation	46 CFR 160.135 46 CFR 160.035	
LS02.11	Verify instructions are posted for operation of the fire protection systems with components adequately accessible and labeled	46 CFR 160.135-7(b)(25)	
LS02.12 *	Witness operation of engine and tests of reduction gear	33 CFR 146.15 & 143.120(b) 46 CFR 108.520(a) & 160.13 IMO MSC.1/Circ. 1205	
LS02.13	Verify secondary means of starting	46 CFR 160.135 LSA Code 4.4.6.2	
LS02.14	Verify remote and local steering	46 CFR 160.135-7(b)(13)	
LS02.15	Witness testing of the communications equipment	46 CFR 160.135-7(b)(13)	
LS02.16	Verify navigation lighting, emergency signals and location-finding equipment (if installed)	46 CFR 160.135-7(b)(26) 46 CFR 108.575(b) 46 CFR 108.103	
LS02.17	Verify required exterior markings	46 CFR 108.645(a)	
LS02.18 *	Witness launch and operation of the lifeboat in water and verify operation of fire protection (sprinkler) system	33 CFR 146.15 & 143.120(b) 46 CFR 108.520(a) & 160.135-21(a)(1) IMO MSC.1/Circ. 1205	
LS02.19	Verify de-rated lifeboat is properly marked for reduced capacity (if applicable)	MSM II/C.2.H.2	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment, function(s) and operation. Trainee shall also understand the differences in the design/layout of lifeboats due to different manufacturers and how the design/layout affects carriage of equipment. Trainee shall also understand that IMO MSC. 1/Circ. 1206 does NOT apply to FOIs unless the lifeboat is SOLAS approved, which would require compliance with release gear requirements. Trainee WILL demonstrate knowledge of Coast Guard type approvals related to lifeboats. 160.035 is historical & only applies to existing boats. All new boats will comply with the LSA Code as amended by 160.135 and will be marked as SOLAS. (*)33/146.15 applies to all boats. Weekly/monthly insp/maint per the following path: 33 CFR 143.120(b) > 46 CFR 108.520(a) > 160.135-7(a)17 > 160.133-21(a)(1) > MSC.1/Circ.1205. For domestic service (160.035) boats, release gear is to be inspected & maintained IAW op & maint manual, IF PROVIDED (not req'd). Note that steps 6.13 & 6.19 are dependent upon boats type approved as SOLAS and do NOT apply to non-SOLAS type approvals.*

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****AIIFOs****Task:** FOFI-LS03 Inspect muster and embarkation stations**Condition:** During lifesaving equipment inspection**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 111 Electric Systems General Requirements
3. Title 46, Code of Federal Regulations Part 112 Emergency Lighting & Power Systems

Steps		References	Initials
LS03.1	Examine muster and embarkation stations arrangements	46 CFR 108.540(a) - (c) & (f)	
LS03.2	Verify embarkation ladders meet requirements or that OCMI accepted alternative is satisfactory	46 CFR 108.540(h)	
LS03.3	Verify emergency lighting configuration and operation	46 CFR 111.75-16 46 CFR 112.43-11	
LS03.4	Verify arrangement is configured to permit stretchers to be placed into survival craft	46 CFR 108.540(e)	
LS03.5	Verify location and arrangement provides for fully boarding lifeboats within required timeframe	46 CFR 108.540(d)	
LS03.6	Verify davit-launched liferaft embarkation arrangements (if applicable)	46 CFR 108.540(g)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment, function(s) and operation. Trainee shall clearly articulate the importance of a timely and accurate muster to ensure a safe and effective embarkation. Muster areas of adequate size must be located within reasonable proximity to the survival craft to comply with boarding time requirements. Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function, and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS04 Inspect means of escape from the facility**Condition:** During lifesaving equipment inspection**Standard:** In accordance with current policies, procedures and processes**References:** 1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment

Steps		References	Initials
LS04.1	Verify construction of primary means of escape	33 CFR 143.101(a) & (c)	
LS04.2	Verify primary means of escape extends to water's surface (ladder or stairway) and suitable for rapid evacuation	33 CFR 143.101(c) & (e)	
LS04.3	Verify personnel landing grating is safe for access and egress (missing/deteriorated/damaged)	33 CFR 143.105(a)	
LS04.4	Verify ladders and sea areas are illuminated	33 CFR 143.105(b)	

Verifying Officer Guidance: *Trainee shall demonstrate an understanding of ladder accessibility, how to resolve excessive marine growth and how to assess ladder integrity. Landings for egress ladders are to be maintained in a serviceable condition at all times (susceptible to damage from wave action and deterioration from the environment).*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS05 Inspect inflatable and davit-launched liferaft installations**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment

Steps		References	Initials
LS05.1	Determine applicability	46 CFR 108.510 46 CFR 108.515	
LS05.2	Verify quantity	46 CFR 108.525	
LS05.3	Verify type approval	46 CFR 108.520(b)	
LS05.4	Verify stowage and float-free arrangement	46 CFR 108.530(c)	
LS05.5	Verify markings	46 CFR 108.646 & .647 46 CFR 160.151-57(m)	
LS05.6	Verify annual service dates	33 CFR 143.120(b) 46 CFR 108.520(b) 46 CFR 160.151-57(m)(1)(i), (n) & (p)(3)	
LS05.7	Verify operating instructions are posted	46 CFR 108.655 46 CFR 160.151-59(c)	
LS05.8	Verify embarkation ladder proximity to liferaft launching area	46 CFR 108.540(h)	
LS05.9	Examine davit-launched liferaft arrangement (launching & embarkation)	46 CFR 108.530(c) 46 CFR 108.540(g)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of 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 sea-painter configuration and ensure that any additional lines to facilitate bringing the liferaft to the embarkation location will not hinder the float-free capabilities or damage/puncture a raft. Trainee is to demonstrate knowledge related to davit-launched arrangements that could damage liferaft (i.e. grating, sharp edges, handrails, etc.).

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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS06 Inspect rescue boat**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 4. 77 Federal Register 70172 Lifesaving & Fire-Fighting Equipment, Training & Drills Onboard Offshore Facilities & MODUs Operating on the OCS
 5. MSC.1/Circ. 1205 Guidelines for Developing Operation and Maintenance Manuals for Lifeboat Systems
 6. NVIC 02-92 Survival Equipment for Lifeboats and Liferafts

Steps		References	Initials
LS06.1	Determine if lifeboat is used as a rescue boat	46 CFR 108.560 46 CFR 108.565(a)(4)	
LS06.2	Verify CG approval or accepted equivalency if boat is non-CG approved	46 CFR 108.105 46 CFR 108.560	
LS06.3	Verify embarkation, launching and recovery arrangements	46 CFR 108.570	
LS06.4	Verify stowage	46 CFR 108.565	
LS06.5	Verify operating instructions are posted	46 CFR 160.156-7(b)(23) 46 CFR 160.156-19(c)(2)	
LS06.6*	Witness operation of engine	33 CFR 146.15 & 143.120(b) 46 CFR 108.560 & 160.156-21(a)(1) MSC.1/Circ.1205	
LS06.7*	Witness launch and operation of rescue boat in water	33 CFR 146.15 & 143.120(b) 46 CFR 108.560 & 160.156-21(a)(1) MSC.1/Circ.1205	

[Task FOFI-LS06 continued on next page]

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

LS06.8	Verify presence and stowage of required equipment	46 CFR 108.575 NVIC 02-92	
LS06.9	Examine release gear	33 CFR 143.120(b) 46 CFR 108.560, 160.156-7(a)(18), 160.133-21(a)(1) MSC.1/Circ 1205	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the system's components, function(s) and operation. It is also important that the trainee understands the differences in requirements if a lifeboat is designated as a rescue boat. Trainee is to demonstrate a working knowledge related to the suitability of a lifeboat that also serves as a rescue boat (large boat maneuverability limitations and increased freeboard could hinder rescue boat service). (*)33/146.15 applies to all boats. The path to Circ. 1205 is dependent upon boats type approved as SOLAS and do NOT apply to non-SOLAS type approvals.*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS07 Inspect boat davits**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS07.1	Inspect condition of davit(s) and associated components	33 CFR 146.15(a) 46 CFR 108.553 MSM II/B.1.P.3.a, .c & .d	
LS07.2	Verify approval markings	46 CFR 108.550(a) 46 CFR 160.115-17 46 CFR 160.132-17	
LS07.3	Verify operating instructions are posted	46 CFR 108.655	
LS07.4	Verify operator has unobstructed view of the survival craft during launching and recovery operations	46 CFR 108.553(j) 46 CFR 108.555(c)	
LS07.5	Verify falls are of adequate length for boat to reach water	46 CFR 108.550(f)(2) 46 CFR 108.553(c)	
LS07.6	Examine condition of falls, lay/spooling onto winch drum to ensure boat is hanging evenly in davit (e.g. dual-fall davits)	46 CFR 108.553(a) 46 CFR 108.553(e)	
LS07.7	Verify boat guides, bumpers and/or stops are not damaged/distorted	46 CFR 108.103 MSM II/B.1.P.3	
LS07.8	Witness operational test of limit switches	46 CFR 108.553(j) 46 CFR 111.95-7(c) 46 CFR 160.115-7(b)(6)(vi)	

[Task FOFI-LS07 continued on next page]

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

LS07.9	Witness operational test of rescue boat davit under self-contained power	46 CFR 108.550(g)	
LS07.10	Verify retrieval speed is satisfactory for lifeboats designated as rescue boats	46 CFR 108.570(d) & (f) MSM II/B.1.P.3.a & B.1.P.2.c	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's nomenclature, function(s), type approval and operation. Trainee should demonstrate a working knowledge of the various types of davits utilized on FOFs.*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs**

Task: FOFI-LS08 Inspect Emergency Position Indicating Radio Beacon (EPIRB), if installed

Condition: During lifesaving equipment inspection

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

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. Title 47, Code of Federal Regulations Part 80 Stations in the Maritime Services
4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS08.1	Verify registration	46 CFR 108.650 47 CFR 80.1061(e) & (f) MSM II/B.1.P.2.k(2)	
LS08.2	Verify hydro-static release expiration date	MSM II/B.1.P.3.h	
LS08.3	Verify battery date	33 CFR 146.15(a) MSM II/B.1.P.3.l(2)	
LS08.4	Verify markings	46 CFR 108.650	
LS08.5	Witness function test	33 CFR 146.15(a) 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:

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS09 Inspect distress signals**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
4. CG-ENG-4 Guidelines for USCG Approval of SOLAS Pyrotechnic Signals and Line-Throwing Appliances, March 2005

Steps		References	Initials
LS09.1	Verify type approval	46 CFR 160.136 CG-ENG-4 Guidelines	
LS09.2	Verify quantity	46 CFR 108.595(b)(1)	
LS09.3	Verify expiration date	33 CFR 146.15(a) 46 CFR 160.036-5(b) CG-ENG-4 Guidelines	
LS09.4	Verify stowage and markings	46 CFR 108.595(b)(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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS10 Inspect life jackets**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
4. NVIC 02-63, Guide for Inspection & Repair of Lifesaving Equipment
5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS10.1	Verify type approval	46 CFR 108.580(b) 46 CFR 160.155	
LS10.2	Verify quantity	46 CFR 108.580(b)(1)	
LS10.3	Verify stowage	46 CFR 108.580(b)(2) 33 CFR 146.20(c) NVIC 02-63, Encl (1), Sec 5	
LS10.4	Verify markings	46 CFR 108.649(a) MSM II/B.1.P.3.o	
LS10.5	Verify markings of stowage locations	46 CFR 108.646(a) & (b) 46 CFR 108.649(b) & (g)	
LS10.6	Examine light and whistle	46 CFR 108.580(b)(3) 33 CFR 146.15(b) & (c)	
LS10.7	Verify location and donning instructions	46 CFR 108.901(c)(4) & (5)	
LS10.8	Examine condition and suitability	46 CFR 160.006-2 33 CFR 146.15(a) MSM II/B.1.P.2.l & 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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS11 Inspect work vests**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 142 OCS - Workplace Safety & Health
2. Title 33, Code of Federal Regulations Part 146 OCS - Operations
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS11.1	Verify type approval	33 CFR 142.45 33 CFR 146.20	
LS11.2	Verify stowage	33 CFR 146.20(c) 46 CFR 108.636	
LS11.3	Examine condition and serviceability	33 CFR 146.20(d) & (e) MSM II/B.1.P.2.I & 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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Lifesaving Equipment Inspection (LS)****All FOFs****Task:** FOFI-LS12 Inspect (ring) life buoys**Condition:** During lifesaving equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. Title 46, Code of Federal Regulations Part 160 Equipment, Construction & Materials: Specifications & Approval - Lifesaving Equipment
 5. Title 46, Code of Federal Regulations Part 161 Electrical Equipment
 6. COMDTINST M16000.7A Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
LS12.1	Verify type approval	46 CFR 108.580(a)	
LS12.2	Verify quantity	46 CFR 108.580(a) 46 CFR 108.580(a)(2)	
LS12.3	Verify stowage	46 CFR 108.580(a)(1)	
LS12.4	Verify markings	33 CFR 146.135(e) 46 CFR 108.646 33 CFR 108.649(e) & (f)	
LS12.5	Examine condition and suitability	33 CFR 146.15 MSM II/B.1.P.3.i	
LS12.6	Verify size and weight	46 CFR 108.580(a)(1)(iv) 46 CFR 160.150	
LS12.7	Examine line	46 CFR 108.580(a)(2)(i)	
LS12.8*	Examine float lights	46 CFR 108.580(a)(2)(ii) 46 CFR 161.010	
LS12.9	Examine smoke signal	46 CFR 108.580(a)(1)(iv) 46 CFR 108.580(a)(2)(iii) CG-ENG-4 Guidelines	
LS12.10	Verify float lights and smoke signals are not located within hazardous/classified locations	46 CFR 111.105-5	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s), type approval and operation. *CG-INV Marine Safety Lessons Learned 02-14 addresses battery weight issues discovered during inspections and can be accessed at <https://www.dco.uscg.mil/Our-Organization/Assistant-Commandant-for-Prevention-Policy-CG-5P/Inspections-Compliance-CG5PC-/Office-of-Investigations-Casualty-Analysis/Safety-Alerts/>. It is imperative that only the manufacturer's recommended batteries are used.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF01 Inspect Structural Fire Protection (SFP)**Condition:** During firefighting equipment 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 108 MODU - Design & Equipment
3. NVIC 09-97 Ch-1 Guide to Structural Fire Protection

Steps		References	Initials
FF01.1	Verify locations are marked on Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF01.2	Determine fire protection needed	46 CFR 108.133 thru .143 NVIC 09-97, Encl. 1	
FF01.3	Verify no unapproved SFP modifications	46 CFR 108 108.131 NVIC 09-97, Encl. 1	

Verifying Officer Guidance: Trainee shall have a basic knowledge of the different types and methods for installing SFP. Trainee shall demonstrate a working knowledge for identifying when a repair has been made and if the SFP components have been repaired properly.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF02 Inspect fixed fire detection and alarm system**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
4. Title 46, Code of Federal Regulations Part 109 MODU - Operations
5. Title 46, Code of Federal Regulations Part 112 Emergency Lighting & Power Systems

Steps		References	Initials
FF02.1	Verify locations are marked on Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF02.2	Verify fire detection and alarms are shown on general arrangement plans	33 CFR 143.120(a) 46 CFR 107.305(ii) 46 CFR 109.121(b)(20)	
FF02.3	Verify presence of zone chart/diagram and instructions for operation and testing	46 CFR 108.405(c)(1)	
FF02.4	Verify system is in operation with no faults indicated	46 CFR 108.404	
FF02.5	Verify installation	46 CFR 108.407	
FF02.6	Verify system approval	46 CFR 108.405(a)(1)	
FF02.7	Witness operational test of audible and visual alarm	46 CFR 108.405(a)(2)	
FF02.8	Verify fire detection and alarm are on emergency circuit	46 CFR 112.15-1(p)	
FF02.9	Verify operation of smoke detectors	46 CFR 108.411	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s) type approval and operation. Trainee shall ensure that no zone is 'inhibited' and there are no "trouble" alarms present. After testing is complete, ensure that the system is returned to an operational status, and that all alarms have cleared.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF03 Inspect fireman's outfits**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 MODU - Operations
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
FF03.1	Verify locations are marked on Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF03.2	Verify required number	46 CFR 108.497 33 CFR 146.15(a)	
FF03.3	Verify approved self-contained breathing apparatus and spare charges	46 CFR 108.497(a) 33 CFR 146.15(a)	
FF03.4	Verify approved flashlight	46 CFR 108.497(b) 33 CFR 146.15(a)	
FF03.5	Verify approved oxygen and explosive meter	46 CFR 108.497(c) 33 CFR 146.15(a)	
FF03.6	Verify lifelines	46 CFR 108.497(d) 33 CFR 146.15(a)	
FF03.7	Verify boots and gloves	46 CFR 108.497(e) 33 CFR 146.15(a)	
FF03.8	Verify approved helmet	46 CFR 108.497(f) 33 CFR 146.15(a)	
FF03.9	Verify clothing	46 CFR 108.497(g) 33 CFR 146.15(a)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's components, function(s) and operation. Frequently, during fireman's outfits inspection, it has been found that the flash hood is not part of the outfit.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF04 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 107 MODU - Inspection & Certification
 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 4. NVIC 09-97 Ch-1 Guide to Structural Fire Protection
 5. Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual
 6. Facility Specific Fire Detection Cause-and-Effect Plans

Steps		References	Initials
FF04.1	Verify door or shutter approval and compliance with boundary type	46 CFR 107.305(v) NVIC 09-97 Encl 1/2.11.1	
FF04.2	Witness operation (local and remote) of damper(s) and fire door(s) controls	46 CFR 108.143 & .181 46 CFR 111.103 NVIC 09-97 Encl 1/2.14 & 3.7	
FF04.3	Confirm damper(s) and fire door(s) close during ventilation shutdowns for machinery and accommodation spaces	46 CFR 108.181(b) & (d) 46 CFR 107.305(v) & (w)	
FF04.4	Verify roll-down fire shutters function as designed in all modes of operation (manual, powered and/or automatic)	NVIC 09-97, Encl 1/2.11.1 DIOM Manual Cause & Effect Plans	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of structural fire protection (SFP) classification, requirements and application. Trainee shall demonstrate a working knowledge of boundary openings/penetrations and how to verify that each is maintained and tested to provide the protection intended/required per NVIC 09-97, DIOM Manual and Cause-and-Effect Plans. Trainee shall have a working knowledge of the need to consult the facility's SFP plans, as SFP components are often installed when/where not required.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF05 Inspect fire pump, prime movers, fire main & systems**Condition:** During firefighting 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 61 Marine Engineering - Periodic Tests & Inspections
 3. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
 4. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
 5. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems and Machinery

Steps		References	Initials
FF05.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF05.2	Verify numbers and adequate pressure	46 CFR 108.415	
FF05.3	Verify relief valve installation	46 CFR 108.417(a) & (d)	
FF05.4	Verify fitted with gauge	46 CFR 108.417(b) & (d)	
FF05.5	Examine condition of components	46 CFR 61.15-15	
FF05.6	Verify installation of machinery covers and guards	46 CFR 58.01-20	
FF05.7	Verify set-point and operation of prime mover overspeed shut-down	46 CFR 58.01-5 ABS Rules 4-2-1/7.3.2	
FF05.8	Verify fire main on an exposed deck is protected against freezing	46 CFR 108.429(b)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s) and operation. If non-ferrous (Fiber Bond, Bond Strand, Super Duplex Stainless Steel, etc.) piping is installed on the FOF, ensure that the FOF's MISLE records are consulted for a history of concerns/discrepancies. The non-ferrous piping onboard these FOFs have shown a history of issues, including washed out plug threads, failures when exposed to sunlight and excessive vibrations, etc. On FOFs with fire stations within the hull, the pressures have been found to be excessive due to the addition of the head pressures on top of the pump pressures. When this condition is found, the system needs to be evaluated to ensure that it can withstand the added forces to the system and that pressures do not exceed maximum requirements for safe handling of hoses by personnel. Trainee shall have a working knowledge of fire pump prime mover safety devices, to include various operating modes that may have the safeties 'active' or bypassed.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF06 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 107 MODU - Inspection & Certification
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
FF06.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF06.2	Verify number of hydrants	46 CFR 108.423	
FF06.3	Verify hydrant equipment	46 CFR 108.423(d)	
FF06.4	Verify hoses meet required length, size and type	46 CFR 108.425(a) 46 CFR 108.425(b) MSM II/G.4.I	
FF06.5	Verify nozzle	46 CFR 108.425(c)	
FF06.6	Verify low-velocity applicator	46 CFR 108.425(d)	
FF06.7	Verify markings	46 CFR 108.633	
FF06.8	Verify operation of fire monitors (when installed)	46 CFR 108.103	
FF06.9	Verify foam proportioner and valve alignment (when installed)	46 CFR 108.103	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the particular system's nomenclature, function(s), characteristics of the extinguishing agent and operation. Trainee shall also demonstrate a working knowledge related to non-collapsible hose types and lengths. If fire monitors are installed, verify they are utilized in accordance with the FOF's operations manual.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF07 Inspect portable fire extinguishers**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 145 OCS Fire-Fighting Equipment
 2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 4. Title 46, Code of Federal Regulations Part 162 Equipment, Construction & Materials: Specifications & Approval - Engineering Equipment
 5. NFPA 10 Standard for Portable Fire Extinguishers, 2010

Steps		References	Initials
FF07.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF07.2	Verify servicing compliance	33 CFR 145.01(b) NFPA 10/7.3.2	
FF07.3	Verify locations, types and numbers	46 CFR Table 108.495	
FF07.4	Verify condition of cylinder(s) and hose(s)	33 CFR 145.01(b) NFPA 10/7.2.2. & 7.3	
FF07.5	Verify markings	46 CFR 108.637	
FF07.6	Verify proper mounting bracket	46 CFR 162.028-3(g)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of Marine Safety Alert 01-13 regarding the potential for counterfeit portable extinguishers. Trainee shall also demonstrate a working knowledge of equipment's components, function(s), type approval, operation & CG-CVC Policy Letter 18-04 Guidance on Implementation of New Standards for Fire Protection, Detection and Extinguishing Equipment.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF08 Inspect semi-portable fire extinguishers**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 145 OCS Fire-Fighting Equipment
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
4. NFPA 10 Standard for Portable Fire Extinguishers, 2010

Steps		References	Initials
FF08.1	Confirm locations with approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF08.2	Verify servicing compliance	33 CFR 145.01(b) NFPA 10/7.3.2	
FF08.3	Verify installation	46 CFR Table 108.495	
FF08.4	Verify condition of cylinders and hoses	33 CFR 145.01 NFPA 10/7.2.2 & 7.3	
FF08.5	Verify types and quantities	46 CFR Table 108.495	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's components, function(s), type approval, operation & CG-CVC Policy Letter 18-04 Guidance on Implementation of New Standards for Fire Protection, Detection and Extinguishing Equipment.*

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

Floating OCS Facility (FOF)

Certificate of Inspection

Firefighting Systems Inspection (FF)

All FOFs

Task: FOFI-FF09 Inspect fire axes

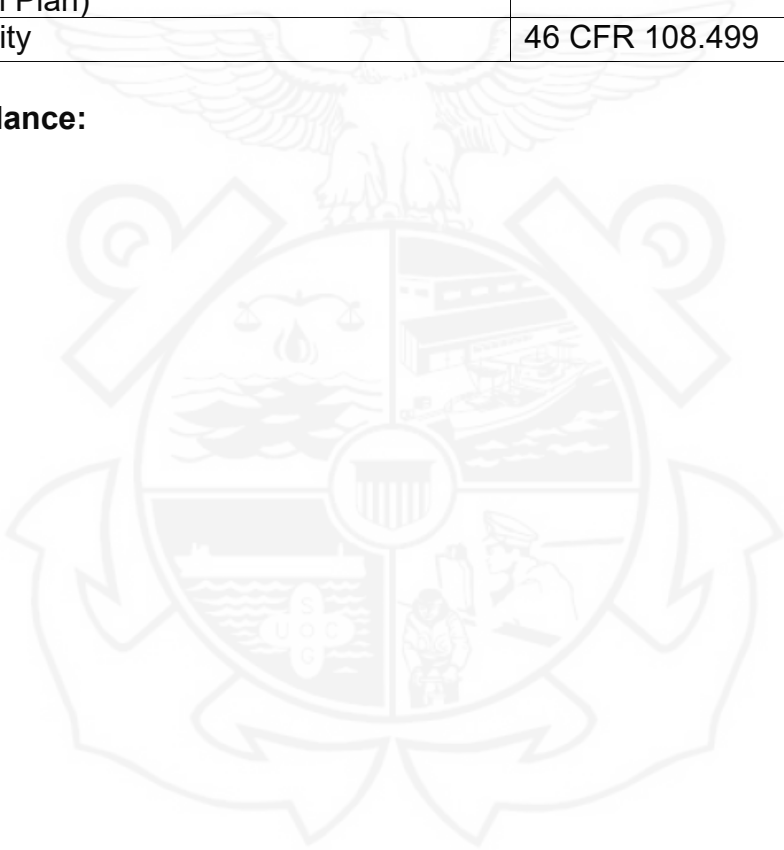
Condition: During firefighting equipment inspection

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

- References:**
- 1. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
 - 2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
FF09.1	Confirm location with approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF09.2	Verify quantity	46 CFR 108.499	

Verifying Officer Guidance:



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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs**

Task: FOFI-FF10 Inspect high pressure CO2 systems (including galley CO2 suppression systems)

Condition: During firefighting equipment inspection

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

- References:**
1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
 3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 5. NVIC 09-00 Ch-1 Carbon Dioxide Fire Extinguishing System Safety
 6. NVIC 06-72 Ch-1 Guide to Fixed Fire-Fighting Equipment Aboard Merchant Vessels

Steps		References	Initials
FF10.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF10.2	Verify safety precautions are implemented prior to inspecting and/or servicing system(s)	MSM II/C.2.I.5(b) NVIC 09-00	
FF10.3	Examine stowage of cylinders	46 CFR 108.451 NVIC 06-72 Encl. 1/II.B NVIC 06-72 Encl. 1/II.D	
FF10.4	Examine materiel condition of system components (cylinders, controls, piping, flexible loops, nozzles)	33 CFR 146.15 NVIC 06-72 Encl. 1/II.B & II.D	
FF10.5	Verify piping and nozzles are clear of obstructions	33 CFR 146.15	
FF10.6	Witness operational test of time delays, alarms, and shutdown of ventilation and prime mover	46 CFR 108.445 NVIC 06-72 Encl. 1/II.B NVIC 06-72 Encl. 1/II.D	
FF10.7	Verify marking and warning signs are posted	46 CFR 108.626 & .627 46 CFR 108.629 & .631 46 CFR 108.431(c)	
FF10.8	Verify operating instructions are posted, covering both remote, local and manual release	46 CFR 108.631(b)	
FF10.9	Verify installation of odorizer	46 CFR 108.446	

[Task FOFI-FF10 continued on next page]

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

FF10.10	Verify operation of ventilation closures and stops	46 CFR 108.455	
FF10.11	Verify lockout valve provided on system protecting a space over 6,000 cu. Ft. volume	46 CFR 108.444	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the particular system's components, function(s), and characteristics of the extinguishing agent 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. Trainee should also confirm that all equipment has been properly reinstalled after any examination, testing, or repairs. Trainee shall demonstrate a working knowledge of common discrepancies related to the systems (e.g. loose hose connections, missing labeling/instructions, damaged hoses, etc.) and servicing that may not verify that the system is fully operational or correctly placed back into service.*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF11 Inspect water mist systems**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS – Operations
2. Title 46, Code of Federal Regulations Part 107 MODU Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
FF11.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF11.2	Verify system acceptance	46 CFR 108.103 (b)	
FF11.3	Witness manual operational test	33 CFR 146.15(a)	
FF11.4	Witness automatic operational test	33 CFR 146.15(a)	
FF11.5	Witness pump operations	33 CFR 146.15(a)	
FF11.6	Verify pump redundancy	33 CFR 146.15(a)	
FF11.7	Verify valve alignment is correct	33 CFR 146.15(a)	
FF11.8	Verify fresh water source (tank) level	33 CFR 146.15(a)	
FF11.9	Verify operating instructions are posted	33 CFR 146.15(a)	
FF11.10	Verify spray nozzles are not clogged or obstructed by portable equipment within protected spaces	33 CFR 146.15(a)	
FF11.11	Verify N2 bottles are adequately charged & maintained	33 CFR 146.15(a)	

Verifying Officer Guidance: Trainee should demonstrate a working knowledge of the particular system's components, function(s), and characteristics of the extinguishing agent and operation. **PRECAUTION:** Before the automatic operational test, verify that any required electrical safety precautions are met as outlined in the Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual, if available. It is also very important to confirm that all equipment has been properly reinstalled after any examination, testing, and/or repairs. Trainee is to have knowledge of the operating principles associated with water mist systems of common discrepancies (i.e. improper valve alignment, blocked/obstructed nozzles, lack of instructions, etc.) related to the system(s) and servicing that may indicate that the system is not fully operational nor correctly placed back into service.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF12 Inspect clean agent fire extinguishing system**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 107 MODU Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
4. Title 46, Code of Federal Regulations Parts 147 & 162
5. NFPA 2001 Standard on Clean Agent Fire Extinguishing System, 2008
6. Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual

Steps		References	Initials
FF12.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF12.2	Verify system plan approval	46 CFR 108.458 46 CFR 162.161 NFPA 2001/5.1.3	
FF12.3	Verify DIOM Manual is present and valid for installed system/arrangement	46 CFR 162.161-5 DIOM Manual	
FF12.4	Verify servicing completed as outlined in DIOM Manual	33 CFR 146.15(a) DIOM Manual	
FF12.5	Validate agent quantity and pressure of refillable cylinders	46 CFR 162.161-5 DIOM Manual	
FF12.6	Examine location and stowage of cylinders	46 CFR 162.161-4 46 CFR 147.60	
FF12.7	Examine condition of cylinder(s) and system hoses	33 CFR 146.15(a) DIOM Manual	
FF12.8	Verify piping and nozzles are clear of obstructions	33 CFR 145.15(a) DIOM Manual	
FF12.9	Witness functional test of time delays, alarms and shutdowns	33 CFR 146.15(a) DIOM Manual	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the particular system's components, function(s), and characteristics of the extinguishing agent, type approval and operation. Trainee shall 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. Trainee shall demonstrate a working knowledge of the various types of clean agent systems currently in service (FM-200, Inergen, Novec, etc.).

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF13 Inspect fixed foam extinguishing system**Condition:** During firefighting equipment inspections**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
FF13.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF13.2	Verify approval	46 CFR 108.473	
FF13.3	Verify installation/arrangement	46 CFR 108.459	
FF13.4	Examine coamings to verify integrity with no modifications	46 CFR 108.461	
FF13.5	Witness pump operation and verify water supply requirements	46 CFR 108.467	
FF13.6	Witness foam generation using designated nozzles	33 CFR 146.15(a)	
FF13.7	Witness water flow through all lines and nozzles (no foam)	33 CFR 146.15(a)	
FF13.8	Verify piping, valves and fittings are adequately supported with no modifications from original approved design	46 CFR 108.475 & 473	
FF13.9	Verify spray nozzles are not damaged or corroded	33 CFR 146.15(a) 46 CFR 108.459 & 475(c)	
FF13.10	Verify quantity of foam concentrate and rating for protected areas (alcohol resistant foam)	46 CFR 108.469	
FF13.11	Verify controls and valves are accessible	46 CFR 108.473(b) 46 CFR 108.473(c)	

[Task FOFI-FF13 continued on next page]

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

FF13.12	Verify operating instructions are posted	46 CFR 108.631(b)	
FF13.13	Verify valve alignment is correct and/or properly labeled	46 CFR 108.631(b)	

Verifying Officer Guidance: *Trainee should demonstrate a working knowledge of the particular system's components, function(s), and characteristics of the extinguishing agent and operation. Trainee shall 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/refilled after any examination, testing and/or repairs to ensure system is restored to a ready service condition. Trainee should have knowledge of the foam system's design and the factors that could affect functionality of the system (environmental effects on a weather deck system such as methanol tank protection). Trainee shall demonstrate a working knowledge of areas that may require alcohol resistant AFFF (AR-AFFF) over the use of the standard firefighting foam (such as areas in the vicinity of methanol storage).*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF14 Inspect galley suppression system using non-CO2 chemical agents**Condition:** During firefighting equipment 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 108 MODU - Design & Equipment
3. NVIC 06-70 Fixed Fire Extinguishing Systems for Use in Galley Ventilating Equipment
4. Manufacturer's Design, Installation, Operation & Maintenance (DIOM) Manual

Steps		References	Initials
FF14.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF14.2	Verify approval/UL listing for chemical systems (e.g. R-102 systems)	46 CFR 108.103 NVIC 06-70	
FF14.3	Verify installation/arrangement with no modifications	DIOM Manual	
FF14.4	Verify nozzles are not damaged, corroded and have dust/grease caps	DIOM Manual	
FF14.5	Verify system is energized and ready to discharge	DIOM Manual	
FF14.6	Verify remote controls are present, accessible and marked	46 CFR 108.631 DIOM Manual	
FF14.7	Verify operating instructions are posted and legible	46 CFR 108.631 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 shall 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 to ensure system is restored to a ready service condition.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF15 Inspect deluge system**Condition:** During firefighting equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 45, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
4. BSEE/USCG MOA: OCS-04 Minerals Management Service & Coast Guard: Floating Offshore Facilities

Steps		References	Initials
FF15.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF15.2	Identify locations	MOA OCS-04 Annex I/12 46 CFR 108.103	
FF15.3	Verify condition of nozzles and piping	33 CFR 146.15(a)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the equipment's components, function(s) and operation. Trainee shall have an understanding that the deluge system is required in accordance with BSEE regulation 30 CFR 250.803(b)(8), but deluge is commonly part of the firemain system.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Firefighting Systems Inspection (FF)****All FOFs****Task:** FOFI-FF16 Inspect automatic sprinkler 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 107 MODU Inspection & Certification
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. NFPA 13 Standard for the Installation of Sprinkler Systems, 1996

Steps		References	Initials
FF16.1	Verify on approved Safety Plan (Fire Control Plan)	46 CFR 107.305(v)	
FF16.2	Verify piping system condition	46 CFR 108.430 46 CFR 108.101(b) NFPA 13	
FF16.3	Verify condition of sprinkler heads & deflectors and temperature rating of ampoules	46 CFR 108.101(b) NFPA 13 /4-3.1.3, 4-8.4.2 & 9-4	
FF16.4	Verify operation of alarms	46 CFR 108.101(b) NFPA 13-1996/9-4.12	
FF16.5	Verify presence and condition of pressure gauge(s)	46 CFR 108.101(b) NFPA 13-1996/3-1.1	
FF16.6	Verify presence and condition of relief valve(s)	46 CFR 108.101(b) NFPA 13-1996/3-1.2	
FF16.7	Verify presence of spare sprinkler heads	46 CFR 108.101(b) NFPA 13-1996/9-2.3	
FF16.8	Verify presence of spare fusible elements (ampoules) or detection devices	46 CFR 108.101(b) NFPA 13-1996/9-3.2(b)	
FF16.9	Verify instructions for operation, inspection, maintenance and testing are provided/stored with spare equipment	46 CFR 108.101(b) NFPA 13-1996/9-9.1.5	

Verifying Officer Guidance: Trainee shall have a working knowledge of the principles of automatic sprinkler system design, installation, operation and maintenance as it pertains to FOFs. Trainee shall 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 to ensure system is restored to a ready service condition.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Helideck Inspection (HD)****All FOFs****Task:** FOFI-HD01 Inspect helideck**Condition:** During helideck inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
2. CG-ENG Policy Letter 03-15 Acceptance of CAP 437, Standards for Offshore Helicopter Landing Areas
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
HD01.1	Verify applicability	MSM II/G.4.H	
HD01.2	Verify helicopter deck lights operation and arrangement	46 CFR 108.241(a)(2) CG-ENG Policy Ltr 03-15	
HD01.3	Verify periphery netting arrangement and condition	46 CFR 108.235(e) CG-ENG Policy Ltr 03-15	
HD01.4	Verify deck markings	46 CFR 108.241(a)(3) 46 CFR 108.653 CG-ENG Policy Ltr 03-15	
HD01.5	Verify deck is free of obstructions	46 CFR 108.235(d)(4) CG-ENG Policy Ltr 03-15	
HD01.6	Verify main and emergency personnel access/egress routes	46 CFR 108.235(f) CG-ENG Policy Ltr 03-15	
HD01.7	Verify wind indicator	46 CFR 108.241(a)(1) CG-ENG Policy Ltr 03-15	
HD01.8	Verify skid-resistant surface	46 CFR 108.235(d)(1) CG-ENG Policy Ltr 03-15	
HD01.9	Witness operation of H2S warning light, if installed	CG-ENG Policy Ltr 03-15	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of helideck requirements and components, including their function(s) and operation. Trainee shall demonstrate a working knowledge of the acceptance of CAP-437 as an alternative per CG-ENG Policy Letter 03-15 and the differences between the alternative and the requirements of 46 CFR 108.231 thru 241.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Helideck Inspection (HD)****All FOFs****Task:** FOFI-HD02 Inspect helideck fire fighting system**Condition:** During helideck inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 145 OCS Fire-Fighting Equipment
 2. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 3. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
 4. CG-ENG Policy Letter 03-15 Acceptance of CAP 437, Standards for Offshore Helicopter Landing Areas
 5. NFPA 10 Standard for Portable Fire Extinguishers, 2010

Steps		References	Initials
HD02.1	Verify foam agent (if applicable/installed)	46 CFR 108.487 CG-ENG Policy Ltr 03-15	
HD02.2	Verify locations of hydrants	46 CFR 108.425(d), .486 & .487(d) CG-ENG Policy Ltr 03-15	
HD02.3	Verify foam test reports	33 CFR 146.15	
HD02.4	Verify portable fire extinguishers and condition	33 CFR 145.01 NFPA 10/7.2.2. & 7.3 46 CFR Table 108.495	
HD02.5	Verify semi-portable fire extinguishers	33 CFR 145.01 NFPA 10/7.2.2. & 7.3 46 CFR Table 108.495	
HD02.6	Examine equipment and condition	33 CFR 146.15	
HD02.7	Verify amount of foam available	46 CFR 108.487(a) & (b) 46 CFR 108.489	
HD02.8	Verify location of operating controls	46 CFR 108.487(c)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of helideck requirements and components including their function(s) and operation. Trainee shall demonstrate a working knowledge of the acceptance of CAP-437 as an alternative per CG-ENG Policy Letter 03-15.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Helideck Inspection (HD)****FOFs with helo refueling****Task:** FOFI-HD03 Inspect helideck refueling station**Condition:** During helideck inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
2. CG-ENG Policy Letter 03-15 Acceptance of CAP 437, Standards for Offshore Helicopter Landing Areas

Steps		References	Initials
HD03.1	Examine fuel storage facilities	46 CFR 108.237 CG-ENG Policy Ltr 03-15	
HD03.2	Verify nozzle is deadman type	46 CFR 108.239(a) CG-ENG Policy Ltr 03-15	
HD03.3	Verify hose has a static grounding device	46 CFR 108.239(c) CG-ENG Policy Ltr 03-15	
HD03.4	Verify fuel pump has a "running" indicator light	46 CFR 108.239(d) CG-ENG Policy Ltr 03-15	
HD03.5	Verify fuel transfer pump shut-offs are operational	46 CFR 108.239(e) CG-ENG Policy Ltr 03-15	
HD03.6	Examine containment and system for leaks	46 CFR 108.239(f) CG-ENG Policy Ltr 03-15	
HD03.7	Verify condition fuel hose	46 CFR 108.239(g) CG-ENG Policy Ltr 03-15	
HD03.8	Verify operation of fuel hose reel	46 CFR 108.239(b) CG-ENG Policy Ltr 03-15	
HD03.9	Verify markings	46 CFR 108.653(a) 46 CFR 108.653(b) CG-ENG Policy Ltr 03-15	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of helideck requirements and components including their function(s) and operation. Trainee shall demonstrate a working knowledge of the acceptance of CAP-437 as an alternative per CG-ENG Policy Letter 03-15.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI01 Inspect bilge system**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

Steps		References	Initials
MI01.1	Verify location of pumps	46 CFR 56.50-55(b) 46 CFR 56.50-55(e)(2)	
MI01.2	Examine manifolds, valves and piping	46 CFR 56.50-50(c) 46 CFR 56.50-50(d)	
MI01.3	Witness operational test of pumps	46 CFR 56.50-50(a)(1)	
MI01.4	Verify remote valve controls are fitted with nameplates	46 CFR 56.50-1(g)(2)(i)	
MI01.5	Verify remote valve indicators	46 CFR 56.50-1(g)(2)(iii)	
MI01.6	Verify bilge suctions are fitted with strainers	46 CFR 56.50-50(g)	
MI01.7	Verify installation of machinery covers and guards	46 CFR 58.01-20	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the equipment's arrangements, components, function(s) and operation. Trainee should have a basic understanding of engineering principles and concepts. Trainee should be familiar with the possibility of a pneumatic pump being utilized as a bilge pump, necessitating the air system being placed on the emergency circuit. Trainee shall understand that the system must be operated in accordance with the FOF's Marine Operating Manual (MOM). Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI02 Inspect ballast system**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

Steps		References	Initials
MI02.1	Verify pump condition and operation	46 CFR 56.50-50	
MI02.2	Examine manifolds, valves and piping arrangement and structural integrity	46 CFR 56.50-50(h) thru (k)	
MI02.3	Verify remote valve controls are fitted with nameplates	46 CFR 56.50-1(g)(2)(i)	
MI02.4	Verify operation of remote valve indicators	46 CFR 56.50-1(g)(2)(iii)	
MI02.5	Verify installation of machinery covers and guards	46 CFR 58.01-20	

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. Trainee shall also have a working knowledge of the differences between a traditional ballast system and a caisson pump system. Trainee shall also have a working knowledge that the system must be operated in accordance with the FOF's Marine Operating Manual (MOM). Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI03 Inspect fuel oil service and transfer systems**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 58 Main & Auxiliary Machinery & Related Systems
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
MI03.1	Verify transfer procedures are posted or available	33 CFR 155.720 33 CFR 155.740(c) MSM II/B.6.D.16	
MI03.2	Verify installation, arrangement and condition of piping, manifolds, and filters	46 CFR 56.50-75 46 CFR 56.50-60	
MI03.3	Verify piping, flange or mechanical joints with a temperature of 150° F or more are fitted with a suitable shield	46 CFR 56.50-1(k)	
MI03.4	Examine nonmetallic flexible hoses and fittings	46 CFR 56.50-75(a)(2) 46 CFR 56.50-70(b)(2)(i) 46 CFR 56.60-25(b)	
MI03.5	Verify operation of transfer pumps and remote shutdowns	46 CFR 58.01-25	
MI03.6	Witness test of remotely operated fuel oil system valves	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. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI04 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. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 4. BSEE/USCG Memorandum of Agreement OCS-04, Floating Offshore Facilities

Steps		References	Initials
MI04.1	Verify data plate(s) are legible	46 CFR 54.10-20	
MI04.2	Determine if UPV is exempt from CG inspection	46 CFR 54.01-15 BSEE/CG MOA OCS-04	
MI04.3	Verify external & internal inspection and/or hydrostatic test needs	46 CFR 61.10-5(b) 46 CFR 61.10-5(d) 46 CFR 61.10-5(e)	
MI04.4	Examine externally	46 CFR 61.10-5(b)(1)	
MI04.5	Examine internally (when accessible)	46 CFR 61.10-5(b)(2) 46 CFR 54.01-35 MSM II/B.1.O	
MI04.6	Verify hydrostatic testing under pressure	46 CFR 61.10-5(d) 46 CFR 61.10-5(e)(4) MSM II/B.1.O	
MI04.7	Verify installation and operation of pressure gauges	46 CFR 54.15-5(f)	
MI04.8	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. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course. Trainee is to also have a working knowledge of the BSEE/CG MOA OCS-04 and how to differentiate between production systems and marine systems as regulated by BSEE and CG, respectively.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI05 Inspect main service gas turbine generators & prime movers**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. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems and Machinery

Steps		References	Initials
MI05.1	Examine exhaust insulation	46 CFR 58.10-15(c)(2)	
MI05.2	Verify cooling and ventilation	46 CFR 58.10-15(e)	
MI05.3	Verify additional fire extinguishing system (if installed)	46 CFR 58.10-15(i)	
MI05.4	Verify operation of hand trip gear (local and remote control) for shutting off fuel	46 CFR 58.03-1(c) ABS Rules 4-2-3/7.9	
MI05.5	Verify turbine is certified	46 CFR 58.03-1(c) ABS Rules 4-2-3/13.3	
MI05.6	Verify installation of machinery guards	46 CFR 58.01-20	

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. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs**

Task: FOFI-MI06 Inspect operation of main service gas turbine generators & prime mover alarms & shutdowns

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. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems and Machinery

Steps		References	Initials
MI06.1	Witness operational test of overspeed shutdown	46 CFR 58.10-15(f)(1)(i) & .03-1(c) ABS Rules 4-2-3/7.7.2(i) ABS Rules 4-2-3/Table 1	
MI06.2	Witness operational test of low lubrication oil shutdown	46 CFR 58.10-15(f)(1)(ii) & .03-1(c) ABS Rules 4-2-3/7.7.2(iii) ABS Rules 4-2-3/Table 1	
MI06.3	Witness operational test of excessive exhaust gas temperature shutdown & alarm	46 CFR 58.10-15(f)(2)(i) & .03-1(c) ABS Rules 4-2-3/7.7.2(viii) ABS Rules 4-2-3/Table 1	
MI06.4	Witness operational test of excessive lubricating oil temperature alarm	46 CFR 58.10-15(f)(2)(ii) 46 CFR 58.03-1(c) ABS Rules 4-2-3/Table 1	
MI06.5	Witness operational test of excessive speed alarm	46 CFR 58.10-15(f)(2)(iii)	
MI06.6	Witness operational test of the reduced lubricating oil pressure alarm	46 CFR 58.10-15(f)(2)(iv) 46 CFR 58.03-1(c) ABS Rules 4-2-3/Table 1	
MI06.7	Witness operational test of remote manually operated shutdown device	46 CFR 58.10-15(f)(3)	

Verifying Officer Guidance: Trainee shall understand that testing of shutdowns and alarms can be done through a computer by manipulating the set points of the alarms and shutdowns in accordance with manufacturer's maintenance and testing procedures. Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI07 Inspect temporary and auxiliary diesel generators**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 Part 108 MODU Design & Equipment
 5. Title 46, Code of Federal Regulations Parts 110 & 111
 6. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems and Machinery

Steps		References	Initials
MI07.1	Determine applicability	46 CFR 110.01-1(b)	
MI07.2	Examine condition of components	46 CFR 61.20-3(a)	
MI07.3	Verify installation of machinery covers and guards	46 CFR 58.01-20 46 CFR 108.223	
MI07.4	Verify set point and operation of overspeed shutdown	46 CFR 111.12-1(b) ABS Rules 4-2/1.7.5.3	
MI07.5	Verify set point and operation of lube oil shut-down	46 CFR 111.12-1(c)	
MI07.6	Verify operation of reverse power relays	46 CFR 111.12-11(f)	
MI07.7	Examine nonmetallic flexible hoses	46 CFR 56.60-25(b)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI08 Inspect emergency generators & prime movers**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 111, 110 & 112
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 6. ABS Rules for Building and Classing Steel Vessels, 2003 Part 4 Vessel Systems And Machinery

Steps		References	Initials
MI08.1	Determine applicability	46 CFR 112.05-5	
MI08.2	Verify starting system(s)	46 CFR 112.50-1(e) 46 CFR 112.50-3 thru .50-7	
MI08.3	Verify operations of auto-start and auto-bus transfer functions	46 CFR 112.50-1(d) & (k) MSM II/B.1.L.2	
MI08.4	Examine condition	46 CFR 61.20-3(a)	
MI08.5	Verify installation of machinery covers and guards	46 CFR 58.01-20	
MI08.6	Verify operation of alarms	46 CFR 112.50-1(h)	
MI08.7	Verify gauges	46 CFR 58.03-1(c) ABS Rules 4-2-1/7.17	
MI08.8	Verify operation of remote fuel shutoff valve(s)	46 CFR 56.50-60(d)	
MI08.9	Verify set point and operation of overspeed shut-down	46 CFR 111.12-1(b) & 112.50-1(g) 46 CFR 110.10-1(b) ABS Rules 4-2-1/7.5.3	
MI08.10	Verify set point and operation of low lubricating oil shut-down	46 CFR 111.12-1(c) 46 CFR 112.50-1(g)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Machinery Equipment Inspection (MI)****All FOFs****Task:** FOFI-MI09 Inspect air compressors**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 Part 110 Electrical Engineering - General Provisions
 5. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements

Steps		References	Initials
MI09.1	Determine applicability	46 CFR 110.01-1(b)	
MI09.2	Examine condition of components	46 CFR 61.20-3(a)	
MI09.3	Verify installation of machinery covers and guards	46 CFR 58.01-20	
MI09.4	Verify motor markings	46 CFR 111.25-5	
MI09.5	Verify means of disconnecting the motor	46 CFR 111.70-1(c)	
MI09.6	Verify relief valve installation	46 CFR 56.07-10(b)	
MI09.7	Witness relief valve test	46 CFR 61.10-5(i)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES01 Inspect switchboards**Condition:** During electrical systems 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 111 Electric Systems General Requirements
 3. IEEE Std 45-2002, Recommended Practice for Electrical Installations on Shipboard

Steps		References	Initials
ES01.1	Determine applicability	46 CFR 110.10-1	
ES01.2	Verify meters and controls installed and operational	46 CFR 111.30-25(b)(4), (b)(5) 46 CFR 111.30-25(e)(2)	
ES01.3	Verify equipment for parallel operation	46 CFR 111.30-25(d)	
ES01.4	Verify ground detection	46 CFR 111.30-25(e)(1)	
ES01.5	Verify non-conductive handrail and deck covering	46 CFR 111.30-1 46 CFR 111.30-11 IEEE Std 45/8.2	
ES01.6	Verify rear access control	46 CFR 111.30-1 IEEE Std 45/8.2	
ES01.7	Verify drip shields present	46 CFR 111.30-5(b)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES02 Inspect motor controllers**Condition:** *During electrical systems 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

Steps		References	Initials
ES02.1	Verify enclosure type	46 CFR 111.01-9 46 CFR 111.70-3(a)	
ES02.2	Verify markings	46 CFR 111.70-3(d)(1)	
ES02.3	Verify wiring diagram is affixed to controller enclosure	46 CFR 111.70-3(d)(2)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES03 Inspect ventilation system(s) in hazardous areas**Condition:** During electrical systems inspection**Standard:** In compliance with applicable policies, laws, regulations and standards**References:** 1. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
ES03.1	Verify arrangements of hazardous area openings	46 CFR 108.171 46 CFR 108.173 46 CFR 108.175	
ES03.2	Verify arrangements for ventilation	46 CFR 108.185	
ES03.3	Examine condition of boundaries	46 CFR 108.171 46 CFR 108.173 46 CFR 108.175	
ES03.4	Verify loss ventilation alarm	46 CFR 108.175(a)(3), (b)(3) 46 CFR 108.175(c)(3)	

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:**

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES04 Inspect emergency switchboards**Condition:** During electrical systems 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 111 Electric Systems General Requirements
 3. IEEE Std 45, Recommended Practice for Electrical Installations on Shipboard, 2002

Steps		References	Initials
ES04.1	Determine applicability	46 CFR 110.01-1	
ES04.2	Verify meters installed and operational	46 CFR 111.30-29(g)(1), (2) & (4)	
ES04.3	Verify ground detection	46 CFR 111.30-29(g)(3)	
ES04.4	Verify non-conductive handrail and deck covering	46 CFR 111.30-11 46 CFR 111.30-1 IEEE Std 45/8.2	
ES04.5	Verify rear access control	46 CFR 111.30-1 46 CFR 110.10-1(j)(6) IEEE Std 45/8.2	
ES04.6	Verify drip shields present	46 CFR 111.30-5(b)	
ES04.7	Witness operation of test switch	46 CFR 111.30-29(b)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES05 Inspect battery installations**Condition:** *During electrical systems 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

Steps		References	Initials
ES05.1	Determine battery categories	46 CFR 111.15-3	
ES05.2	Verify ventilation	46 CFR 111.15-10	
ES05.3	Verify installation	46 CFR 111.15-5	
ES05.4	Verify battery room bulkhead penetrations	46 CFR 111.15-20(a)	
ES05.5	Verify cable terminations	46 CFR 111.15-20(b)	
ES05.6	Examine battery charger	46 CFR 111.15-30	
ES05.7	Verify operation of power ventilation interlock with charger	46 CFR 111.15-10(b)(4)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES06 Inspect lighting systems and fixtures**Condition:** *During electrical systems 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

Steps		References	Initials
ES06.1	Verify arrangement	46 CFR 111.75-15	
ES06.2	Verify illumination	46 CFR 111.75-15(c)	
ES06.3	Verify condition of light fixtures	46 CFR 111.75-20	
ES06.4	Verify branch over-current protection	46 CFR 111.75-5(d)	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES07 Inspect emergency lighting**Condition:** During electrical systems inspection**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, Coode of Federal Regulations Part 112 Emergency Lighting & Power Systems

Steps		References	Initials
ES07.1	Verify location	46 CFR 112.15-5(a)	
ES07.2	Verify markings	46 CFR 108.639	
ES07.3	Verify operation	46 CFR 112.15-5(a)	
ES07.4	Verify arrangement of rescue boat and survival craft lighting circuits	46 CFR 112.15-1(g)	
ES07.5	Verify operation of rescue boat/survival craft embarkation and launching lighting	46 CFR 112.15-1(g)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES08 Inspect panel boards/distribution panels**Condition:** During electrical systems 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. IEEE Std 45, Recommended Practice for Electrical Installations on Shipboard, 2002

Steps		References	Initials
ES08.1	Verify location and watertight	46 CFR 111.40-1 IEEE Std 45/17.1	
ES08.2	Verify blanks are installed (as needed)	46 CFR 111.01-1(a)(2)	
ES08.3	Verify circuit directory provided at panel	46 CFR 111.40-1 46 CFR 111.40-11(b) IEEE Std 45/17.1	
ES08.4	Verify panelboards are numbered	46 CFR 111.40-1 46 CFR 111.40-11(a) IEEE Std 45/17.1	
ES08.5	Verify locking device	46 CFR 111.40-9	
ES08.6	Verify circuit breakers have correct temperature rating	46 CFR 111.54-1(e)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES09 Inspect electrical cables, wires and fixtures**Condition:** During electrical systems 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. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2
 3. IEEE Std 45-2002, Recommended Practice for Electrical Installations on Shipboard

Steps		References	Initials
ES09.1	Verify no hazardous conditions exist	46 CFR 111.01-1(a)(2)	
ES09.2	Verify supports for vertical and horizontal installations	46 CFR 111.60-5(a)(1) IEEE Std 45/25.5	
ES09.3	Verify radius of bends	46 CFR 111.60-5(a)(1) IEEE Std 45/25.6	
ES09.4	Verify condition of connections and terminations	46 CFR 111.60-17	
ES09.5	Verify number and condition of receptacle outlets	46 CFR 111.79-1	
ES09.6	Verify marine grade cable utilized	46 CFR 111.60-1	
ES09.7	Verify condition of outlet and junction boxes	46 CFR 111.81	
ES09.8	Verify no temporary wiring installations	MSM II B.1.J.5.h	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES10 Inspect temporary emergency power loads**Condition:** *During electrical systems inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 46, Code of Federal Regulations Part 112 Emergency Lighting & Power Systems

Steps		References	Initials
ES10.1	Identify temporary emergency loads	46 CFR 112.15-1	
ES10.2	Verify temporary power source has sufficient capacity	46 CFR 112.37-1	
ES10.3	Verify alternating current temporary source of power conversion equipment is installed in duplicate (if applicable)	46 CFR 112.40-1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES11 Inspect industrial equipment/systems**Condition:** During electrical systems 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 58 Main & Auxiliary Machinery & Related Systems
3. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements

Steps		References	Initials
ES11.1	Identify industrial equipment/system	46 CFR 58.60-1 46 CFR 111.107-1	
ES11.2	Verify pressure vessels are marked	46 CFR 58.60-3 46 CFR 54.01-5(c)(3)	
ES11.3	Verify all moving parts have adequate guards, shields, insulation or similar devices to protect personnel	46 CFR 58.60-13	
ES11.4	Verify electrical installations are installed and maintained to protect crew from electrical hazards	46 CFR 111.107(b)(3) 46 CFR 111.01-1(a)(2)	
ES11.5	Verify electrical installations are maintained per approved plans	46 CFR 111.107(b)(3) 46 CFR 111.01-1(a)(3)	
ES11.6	Verify electrical installations are installed to avoid damage	46 CFR 111.107(b)(3) 46 CFR 111.01-3	
ES11.7	Verify prime mover's overspeed shut-down	46 CFR 111.107(b)(5) 46 CFR 111.12-1(b)	
ES11.8	Verify primer mover's loss of lubricating oil pressure shut-down	46 CFR 111.107(b)(5) 46 CFR 111.12-1(c)	
ES11.9	Verify equipment/system meets hazardous location requirements	46 CFR 111.107-1(b)(6) 46 CFR 111.105	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES12 Inspect multi-cable transits (MCTs)**Condition:** During electrical systems inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 46, Code of Federal Regulations Part 111 Electrical Engineering - General Provisions
2. IEEE Std 45, Recommended Practice for Electrical Installations on Shipboard
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
ES12.1	Verify multi-cable penetrations installed correctly	46 CFR 111.60-5(a)(1) IEEE Std 45/25.7	
ES12.2	Verify non-metallic stuffing tubes are not installed in fire boundaries	46 CFR 111.60-5(a)(1) IEEE Std 45/25.7 MSM II/B.1.J.4.b(3)	
ES12.3	Verify non-watertight boundaries have proper bushing installed	46 CFR 111.60-5(a)(1) IEEE Std 45/25.7	
ES12.4	Verify packing of terminal or stuffing tube on watertight penetrations	MSM II/B.1.J.4(b)(2)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge in correct installation of different types of MCTs with regards to wedge, packing filler, and top coat installations.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES13 Inspect hazardous location plan**Condition:** *During electrical systems 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 108 MODU - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 109 MODU - Operations
 4. Title 46, Code of Federal Regulations Part 110 Electrical Engineering - General Provisions
 5. 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

Steps		References	Initials
ES13.1	Verify presence of plan	46 CFR 107.305(aa) & (ii) 46 CFR 109.121(23) 46 CFR 110.25-1(i)	
ES13.2	Verify plan is approved by Coast Guard or recognized organization	46 CFR 107.305(aa) 46 CFR 110.25-1(i) NVIC 10-82	
ES13.3	Verify plan identifies all hazardous areas	46 CFR 110.25-1(i) 46 CFR 108.170 thru .175	

Verifying Officer Guidance: *Trainee shall have a working knowledge of the hazardous location plan and its purpose, such as identifying the areas that need to be inspected. Trainee shall understand that the plan is required to be present in the Marine Operating Manual but is typically available/posted as a stand-alone document.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs**

Task: FOFI-ES14 Inspect intrinsically safe electrical equipment in hazardous locations

Condition: During electrical systems 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. NFPA 70, National Electrical Code (NEC), 2002
 3. International Electrotechnical Commission (IEC) 60079-series Electrical Apparatus for Explosive Gas Atmospheres
 4. UL 913 Standard for Intrinsically Safe Apparatus & Associated Apparatus for Use in Class I, II, & III, Division 1, Hazardous (Classified) Locations, 2002

Steps		References	Initials
ES14.1	Verify components/equipment are approved	46 CFR 111.105-11 UL 913 IEC 60079-11	
ES14.2	Verify intrinsically safe components (cables, boxes, etc.) are separated from non-intrinsically safe equipment	46 CFR 111.105-11(b) IEC 60079-11 (6.3)	
ES14.3	Verify equipment labeling	46 CFR 111.105-3 IEC 60079-11 (12.2) NEC 504.80(c)	
ES14.4	Verify equipment has approved control drawings	46 CFR 111.105-1 NEC 500.2 & 504.10(A) IEC 60079-11 (13)	

Verifying Officer Guidance: The term IEC 60079 Series is defined as multiple documents in 46 CFR 111.105-1. Trainee shall have a working knowledge of intrinsically safe equipment. It is critical that the system be installed and maintained in accordance with the laboratory approval and control drawing. It is also important that the trainee demonstrate a working knowledge of how to verify the equipment in hazardous areas.

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs**

Task: **FOFI-ES15 Inspect non-intrinsically safe electrical equipment in hazardous locations**

Condition: *During electrical systems 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. International Electrotechnical Commission (IEC) 60079-series Electrical Apparatus for Explosive Gas Atmospheres
 3. NFPA 496 Standard for Purged and Pressurized Enclosures for Electrical Equipment, 2013
 4. NFPA 2002 National Electric Code (NEC) Handbook, 2002
 5. IEC 60529 Degrees of Protection Provided by Enclosures, 2001

Steps		References	Initials
ES15.1	Verify installed equipment is listed, certified or purged	46 CFR 111.105-7	
ES15.2	Confirm equipment as marked is acceptable for location installed (Zone or Division)	46 CFR 111.105-3 & .105-5 46 CFR 111.105-1 NEC 2002/500.7 & 505.9	
ES15.3	Verify no unauthorized modifications or damage	46 CFR 111.105-3 46 CFR 111.105-5 NEC 2002/500.8	
ES15.4	Verify equipment has appropriate surface temperature class for gases or vapors that could be encountered in that space	46 CFR 111.105-3 NEC 2002/500.8 46 CFR 111.105-1	
ES15.5	Verify wiring method	46 CFR 111.105-17 NEC 2002/501.4 46 CFR 111.105-1	
ES15.6	Verify all cable entries are approved and match enclosure/equipment rating	46 CFR 111.105-17(c) & (d) NEC 2002/501.4 46 CFR 111.105-1	
ES15.7	Verify equipment is protected against water and particulate ingress	46 CFR 111.01-9 IEC 60529	
ES15.8	Verify arrangement for purge and pressurized equipment	46 CFR 111.105-7(b) NFPA 496 IEC 60079-2	

[Task FOFI-ES15 continued on next page]

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

ES15.9	Verify no obstructions around flameproof boxes	46 CFR 111.105-9 IEC 60079-1 NEC 2002/505.7	
ES15.10	Verify fans for ventilation are non-sparking type	46 CFR 111.105-21	

Verifying Officer Guidance: *The term IEC 60079 Series is defined as multiple documents in 46 CFR 111.105-1. It is important that a trainee demonstrate a working knowledge of how to verify equipment in hazardous areas.*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES16 Inspect machinery in hazardous areas**Condition:** *During electrical systems 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. ASTM F2876-10 Standard Practice for Thermal Rating and Installation of Internal Combustion Engine Packages for use in Hazardous Locations in Marine Applications, 2010

Steps		References	Initials
ES16.1	Determine applicability	46 CFR 111.108-1(a)	
ES16.2	Verify machinery is approved/certified for hazardous areas	46 CFR 111.108-3(g) ASTM F2876-10/9	
ES16.3	Verify machinery is maintained as approved/certified	46 CFR 111.108-3(g) ASTM F2876-10/10.1	
ES16.4	Verify annual temperature verification completed	46 CFR 111.108-3(g) ASTM F2876-10/10.2	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter J and how these dates influence equipment installation, arrangement, function and operation.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Electrical Systems Inspection (ES)****All FOFs****Task:** FOFI-ES17 Inspect elevators**Condition:** During electrical 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 112 Emergency Lighting & Power Systems
 3. ASME A17.1 Part 2 Electric Elevators, 2000

Steps		References	Initials
ES17.1	Verify emergency stop switch and alarm	46 CFR 111.91-1 ASME A17.1/2.26.2.5 ASME A17.1/2.27.12	
ES17.2	Examine emergency exit stop switch and signal	46 CFR 111.91-1 ASME A17.1/2.14.1.5.1(f)	
ES17.3	Examine emergency stop switch signal	46 CFR 111.91-1 ASME A17.1/2.27.1.2	
ES17.4	Examine gasket	46 CFR 111.91-1 ASME A17.1/2.11.19	
ES17.5	Verify elevator machinery, controls and alarms on emergency power	46 CFR 112.15-5(b)	
ES17.6	Verify capacity and data plate	46 CFR 111.91-1 ASME A17.1/2.16.3	
ES17.7	Examine fire resistive construction	46 CFR 111.91-1 ASME A17.1/2.1.1.1	
ES17.8	Examine emergency exit	46 CFR 111.91-1 ASME A17.1/2.14.1.5	
ES17.9	Verify emergency communications	46 CFR 111.91-1 ASME A17.1/2.27.1.1	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of equipment's arrangements, components and safe operation. Trainees without prior engineering experience or training may find it valuable to complete the online Machinery Inspector Course.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All FOFs****Task:** FOFI-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 108 Design and Equipment
 2. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels
 3. Title 46, Code of Federal Regulations Part 174 Special Rules Pertaining to Specific Vessel Types
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
SW01.1	Determine applicability	46 CFR 108.114 & .301 46 CFR 170.001(a)(1)	
SW01.2	Verify condition of knife edges	MSM II/B.1.E.5.a 46 CFR 170.270(b)	
SW01.3	Verify condition of gasket material	MSM II/B.1.E.5.a 46 CFR 170.270(b)	
SW01.4	Verify watertight integrity between gasket and knife edge	MSM II/B.1.E.5 46 CFR 174.100(c)(2)	
SW01.5	Verify condition and operation of hinges and dogging devices	46 CFR 170.248(b) 46 CFR 174.100(c)(1)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter S and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All FOFs****Task:** FOFI-SW02 Inspect class 2 and 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 108 MODU Design & Equipment
 2. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels
 3. Title 46, Code of Federal Regulations Part 174 Special Rules Pertaining to Specific Vessel Types
 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	Determine applicability	46 CFR 108.114 & 108.301 46 CFR 170.001(a)(1)	
SW02.2	Verify operation of local controls	46 CFR 174.100(e) ASTM F1197/7.4 ASTM F1197/8.1.1	
SW02.3	Verify operation of remote controls	ASTM F1197/7.5 ASTM F1197/8.1.2	
SW02.4	Verify condition of replaceable interface between door and frame assembly	46 CFR 174.100(e)(1) ASTM F1196/S1.2.1	
SW02.5	Verify operation of alarms	ASTM F1197/11.5	
SW02.6	Verify closing times	ASTM F1197/11.4 ASTM F1197/11.4.1	
SW02.7	Verify nameplate	ASTM F1196/11.1 ASTM F1196/S4	
SW02.8	Verify watertight integrity	ASTM F1196/S1	
SW02.9	Verify operation of doors under reserve power/manual control	46 CFR 174.100(e)(3) ASTM F1197/S4.1	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter S and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Structural/Watertight Integrity Inspection (SW)****All FOFs****Task:** FOFI-SW03 Inspect watertight bulkheads and 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 108 Design and Equipment
 3. Title 46, Code of Federal Regulations Part 170 Stability Requirements for All Inspected Vessels
 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	Determine applicability	46 CFR 108.301 46 CFR 170.001(a)(1)	
SW03.2	Verify locations	46 CFR 174.100(a)	
SW03.3	Verify ability to seal	46 CFR 56.50-1(a) MSM II/B.1.E.5	
SW03.4	Verify sealing materials approved	46 CFR 56.50-1(a)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the different applicability dates associated with 46 CFR Subchapter S and how these dates influence equipment installation, arrangement, function and operation.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All FOFs****Task:** FOFI-PP01 Inspect Marine Sanitation Devices (MSD)**Condition:** During pollution prevention inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 40, Code of Federal Regulations Parts 122 & 435
2. BSEE/USCG MOA OCS-04 Floating OCS Facilities
3. Title 33, Code of Federal Regulations Part 159 Marine Sanitation Devices

Steps		References	Initials
PP01.1	Determine applicability	40 CFR 122 & 435 BSEE/USCG MOA OCS-04 Annex 1/17	
PP01.2	Verify manufacturer's instructions available	33 CFR 159.57	
PP01.3	Verify system is being maintained and operated in accordance with manufacturer's instructions	33 CFR 159.57	
PP01.4	Verify MSD is approved	33 CFR 159.7	
PP01.5	Verify adequate capacity	33 CFR 159.57(b)(8)	
PP01.6	Verify 75% volume indicator	33 CFR 159.83	
PP01.7	Verify piping and wiring	33 CFR 159.97	
PP01.8	Verify operating instructions, safety precautions and warning placard posted	33 CFR 159.59	

Verifying Officer Guidance: *Trainees shall have a working knowledge that the MSD is not a CG requirement, but is an alternative to the 40 CFR 435 requirements that is allowed by the NPDES General Permit for the Offshore Subcategory under the authority of EPA Region 6 (South Central). This exception/alternative allows for the use of a MSD that complies with Section 312 of the Federal Water Pollution Control Act, as amended (33 USC 1251), also known as the Clean Water Act. 33 CFR 159 prescribes the regulations and certification process for MSDs that meet the requirements of Section 312 of the Clean Water Act.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All FOFs****Task:** FOFI-PP02 Inspect pollution prevention equipment and documentation**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 154 Facilities Transferring Oil or Hazardous Materials in Bulk
 3. Title 33, Code of Federal Regulations Part 155 Oil or Hazardous Material Pollution Prevention Regulations for Vessels
 4. Title 33, Code of Federal Regulations Part 156 Oil & Hazardous Material Transfer Operations
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
PP02.1	Determine applicability	33 CFR 151.05	
PP02.2	Verify adequate communication between participants in transfer operations.	33 CFR 155.785	
PP02.3	Verify transfer hoses have been tested and marked	33 CFR 154.500 33 CFR 155.800 MSM II/B.6.E.8	
PP02.4	Verify locations of pollution/MARPOL placards	33 CFR 155.450	
PP02.5	Verify condition of hose and manifold connections	33 CFR 156.170	
PP02.6	Verify condition and size of containment	33 CFR 155.320 MSM II/B.6.D.6	
PP02.7	Verify mechanical closures are available for each containment	33 CFR 156.120(n) 33 CFR 156.120(o)	
PP02.8	Verify signed copies of Declaration of Inspection are available	33 CFR 156.150(f) MSM II/B.6.E.6	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of pollution prevention equipment requirements, function(s) and operation. Trainee shall also have a working knowledge of the definition of a ship in 151.05.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All FOFs****Task:** FOFI-PP03 Inspect garbage handling 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 151 Vessels Carrying Oil, NLS, Garbage, Municipal or Commercial Waste & Ballast Water

Steps		References	Initials
PP03.1	Verify placard(s) posted	33 CFR 151.59	
PP03.2	Verify plastics retained or incinerated	33 CFR 151.55	
PP03.3	Examine food grinder/comminuter(s)	33 CFR 151.73 33 CFR 151.75	

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

Floating OCS Facility (FOF)**Certificate of Inspection****Pollution Prevention Inspection (PP)****All FOFs**

Task: **FOFI-PP04 Verify compliance with prevention of unauthorized oil discharges to marine environment on location (Operating under a National Pollutant Discharge Elimination System (NPDES) permit)**

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 40, Code of Federal Regulations Part 122 EPA Administered Permit Programs: The National Pollutant Discharge Elimination System
 3. BSEE/USCG MOA OCS-04 Floating OCS Facilities
 4. Mission Management System (MMS) Work Instruction - MISLE Data Entry Requirements for Outer Continental Shelf (OCS) Inspections
 5. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
PP04.1	Verify electronic Notice of Intent (eNOI) Form E-mail Notification from EPA is onboard	33 CFR 151.10(h) & 40 CFR 122.6 BSEE/USCG MOA OCS-04 Annex 1/17 MSM II/G Pg G1-118 Diagram 1	
PP04.2	Confirm eNOI Form E-mail lists the name of the FOF, the NPDES ID# and proper Lease Block name/number	BSEE/USCG MOA OCS-04 Annex 1/17 MSM II/G Pg G1-118 Diagram 1	
PP04.3	Verify COI exam date is within the NPDES' effective date and expiring date on the eNOI Form	BSEE/USCG MOA OCS-04, Annex 1/Item 17 MSM II/G Pg G1-118 Diagram 1	

[Task FOFI-PP04 continued on next page]

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

EMPLID:

Verifying Officer's Signature:

Date:

PP04.4	Scan copy of eNOI Form E-mail into MISLE case file	MISLE User Guide	
PP04.5	Document discrepancies in MISLE narrative	MISLE User Guide	

Verifying Officer Guidance: *BSEE/USCG MOA OCS-04 (Effective Date 28Jan2016) identifies responsibilities of BSEE and the USCG for inspection and oversight of specified systems and sub-systems on FOFs. The MOA guides the participating agencies in coordinating their respective regulatory activities concerning systems or operations on FOFs. Annex 1 is a system/sub-system responsibility matrix. Item 17 addresses Pollution Prevention. 17.b is specific to FOFs operating under an EPA NPDES permit. In this situation, BSEE monitors and inspects FOFs for compliance with NPDES permit requirements and coordinates with the EPA when non-compliance is detected. The USCG verifies the FOF's record-keeping associated with the NPDES permit process. If any administrative discrepancy is discovered regarding the NPDES permit, contact the local BSEE District office (who will take appropriate enforcement action). If there is any indication of operational non-compliance with the NPDES Permit/NOI, contact the local BSEE District office (who will take appropriate enforcement action).*



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

Floating OCS Facility (FOF)**Certificate of Inspection****Topside Inspection (TI)****ALL FOFs****Task:** FOFI-TI01 Inspect foghorn(s)/sound signals**Condition:** During topside equipment inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 67 Aids to Navigation on Artificial Islands and Fixed Structures
2. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment

Steps		References	Initials
TI01.1	Verify required signal rating for facility's classification	33 CFR 143.15 33 CFR 67.01-15 33 CFR 67.20-10(a)(1)	
TI01.2	Verify signal is properly installed	33 CFR 67.10-5(a)	
TI01.3	Verify proper signal characteristics	33 CFR 67.10-1(b)	
TI01.4	Verify signal operational requirements	33 CFR 67.10-10(a)	
TI01.5	Witness operational test	33 CFR 67.10-10	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of equipment's components, function(s), purpose and operation. Trainee shall also demonstrate an understanding that obstructions on the facility may reduce the required audible characteristics of the fog horn.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Topside Inspection (TI)****All FOFs****Task:** FOFI-TI02 Inspect obstruction lights**Condition:** *During topside equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards*

References:

1. Title 33, Code of Federal Regulations Part 67 Aids to Navigation on Artificial Islands and Fixed Structures
2. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment

Steps		References	Initials
TI02.1	Verify proper arrangement	33 CFR 143.15 33 CFR 67.05-1 33 CFR 67.20-5	
TI02.2	Verify operating characteristics	33 CFR 67.05-10 33 CFR 67.05-5	

Verifying Officer Guidance: *Verify lights are installed IAW Original Equipment Manufacturer's (OEM) instructions (ensure focusing, leveling, presence of condensation or any other factor that would impede the rated range of the light(s)).*

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

Floating OCS Facility (FOF)

Certificate of Inspection

Topside Inspection (TI)

All FOFs

Task: FOFI-TI03 Inspect hull markings

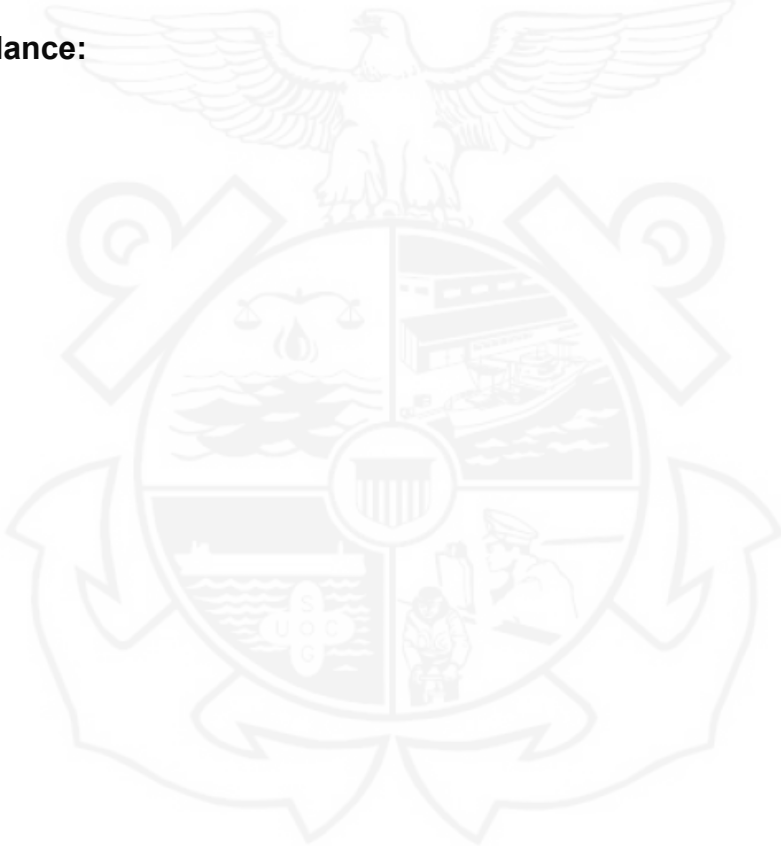
Condition: During topside equipment inspection

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

References: 1. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment

Steps		References	Initials
TI03.1	Verify placement of hull markings	46 CFR 108.661(a)	
TI03.2	Verify markings are of contrasting color to hull	46 CFR 108.661(c)(2)	

Verifying Officer Guidance:



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

Floating OCS Facility (FOF)

Certificate of Inspection

Topside Inspection (TI)

All FOFs

Task: FOFI-TI04 Inspect tank vents

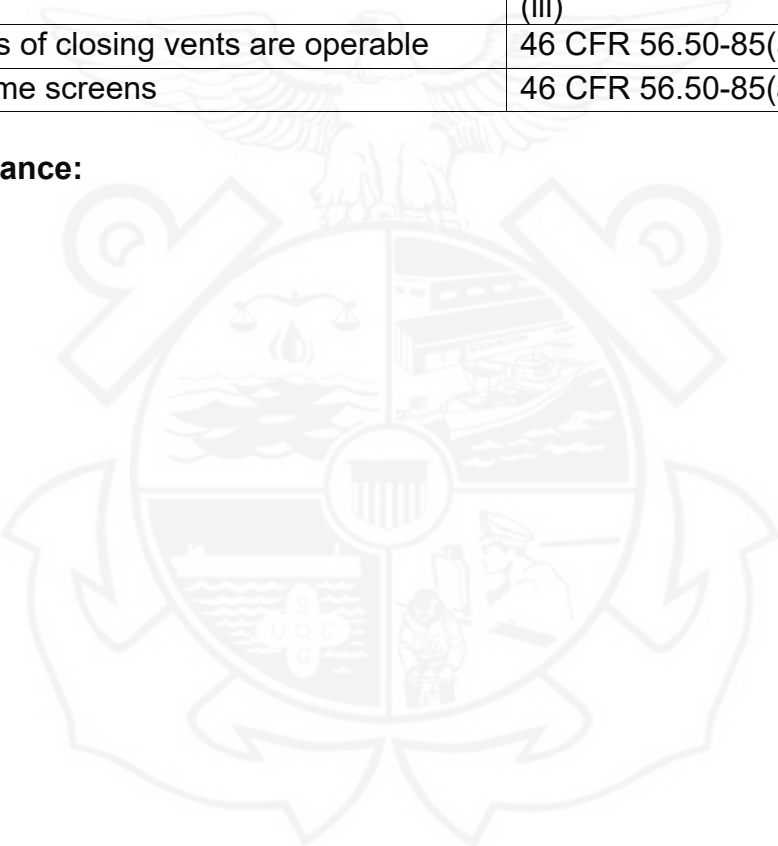
Condition: During topside equipment inspection

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

References: 1. Title 46, Code of Federal Regulations Part 56 Piping Systems & Appurtenances

Steps		References	Initials
TI04.1	Verify vent piping installation and condition	46 CFR 56.50-85	
TI04.2	Determine acceptable type of vent closure installed	46 CFR 56.50-85(a)(7)(i), (ii) & (iii)	
TI04.3	Verify means of closing vents are operable	46 CFR 56.50-85(a)(7)	
TI04.4	Examine flame screens	46 CFR 56.50-85(a)(8)	

Verifying Officer Guidance:



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

Floating OCS Facility (FOF)**Certificate of Inspection****Topside Inspection (TI)****All FOFs****Task:** FOFI-TI05 Inspect means of escape, rails and general workplace conditions**Condition:** *During topside equipment inspection***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. Title 33, Code of Federal Regulations Part 142 OCS - Workplace Safety & Health
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment

Steps		References	Initials
TI05.1	Examine grating	33 CFR 142.84 & .87	
TI05.2	Verify vertical ladder installation	46 CFR 108.160	
TI05.3	Examine stairway installation	46 CFR 108.159	
TI05.4	Examine guardrails	46 CFR 108.217 46 CFR 108.219	
TI05.5	Examine storm rail installation/locations	46 CFR 108.221	

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

Floating OCS Facility (FOF)**Certificate of Inspection****Topside Inspection (TI)****All FOFs****Task:** FOFI-TI06 Inspect air ports and ventilation closures**Condition:** *During topside equipment inspection***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 09-97 Ch-1 Guide to Structural Fire Protection

Steps		References	Initials
TI06.1	Verify covers are readily available and operational	46 CFR 108.114 (a)& (b) NVIC 09-97 Ch-1 Section 3.7	
TI06.2	Examine condition of internal openings	46 CFR 108.114 (c) NVIC 09-97 Ch-1 Section 3.7	
TI06.3	Examine condition of external openings	46 CFR 108.114 (d) NVIC 09-97 Ch-1 Section 3.7	

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

Floating OCS Facilities (FOF)

Certificate of Inspection

Cargo Systems Inspection (CS)

All FOFs

Task: FOFI-CS01 Inspect marine portable tanks (MPTs)

Condition: During cargo systems inspection

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

- References:**
- 1. Title 49, Code of Federal Regulations Part 171 Hazardous Materials Regulations - General Information, Regulations & Definitions
 - 2. Title 49, Code of Federal Regulations Part 172 Hazardous Materials Regulations - Hazardous Materials Table, Special Provisions, Communications, Emergency Response Information, Training Requirements & Security Plans

Steps		References	Initials
CS01.2	Verify DOT labeling/placards	49 CFR 172.326	
CS01.2	Verify stowage and segregation	49 CFR 171.25(b)(2)	

Verifying Officer Guidance:



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

Floating OCS Facility (FOF)**Certificate of Inspection****Cargo Systems Inspection (CS)****All FOFs****Task:** FOFI-CS02 Inspect cranes**Condition:** During cargo systems inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment
2. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
3. Title 46, Code of Federal Regulations Part 58 Main & Auxiliary Machinery & Related Systems
4. American Petroleum Institute (API) Recommended Practice (RP) 2C Specification for Offshore Cranes, 1972

Steps		References	Initials
CS02.1	Verify operation of boom stop	46 CFR 108.601 API RP 2C/10.1	
CS02.2	Verify operation of controls	46 CFR 108.601 API RP 2C/8.2	
CS02.3	Verify load charts are posted	46 CFR 108.601(a) API RP 2C/2.4	
CS02.4	Verify boom angle indicators function	46 CFR 108.601 API RP 2C/10.1	
CS02.5	Examine hydraulic fittings and hoses	33 CFR 143.120(b) 46 CFR 58.30-1(a)(11) 46 CFR 58.30-20	
CS02.6	Examine wire rope	46 CFR 108.601 API RP 2C/5.1 thru 5.6	
CS02.7	Examine sheaves	46 CFR 108.601 API RP 2C/5.8 thru 5.10	
CS02.8	Verify control functions marked	46 CFR 108.601(b)(1)	
CS02.9	Verify operation of instruments' built-in lighting	46 CFR 108.601(b)(2)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of crane equipment, components, functions and operation. Trainee should also have a working knowledge 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. Trainee shall have a working knowledge of the various Class Society notations (Statement of Fact, Cargo Gear Registry) relating to the crane's documentation.

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

Floating OCS Facility (OCS)**Certificate of Inspection****Hull Inspection (HI)****All FOFs****Task:** FOFI-HI01 Inspect hull structure**Condition:** During hull inspection**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 140 General
 2. Title 33, Code of Federal Regulations Part 143 OCS - Design & Equipment
 3. Title 46, Code of Federal Regulations Part 108 MODU Design & Equipment
 4. NVIC 07-68 Notes on Inspection and Repair of Steel Hulls
 5. BSEE/USCG MOA OCS Facilities

Steps		References	Initials
HI01.1	Examine visible structure for wastage, defect(s) and damage	33 CFR 143.120(b) 46 CFR 108.113	
HI01.2	Verify thru-hull fittings have been inspected IAW facility procedures	33 CFR 140.101 (d) 46 CFR 108.114 (c) ii 2	
HI01.3	Verify wastage/corrosion are within acceptable limits for the facility structure	33 CFR 140.101(d) 46 CFR 108.113 NVIC 07-68	
HI01.4	Verify repairs are done IAW facility structural design	33 CFR 143.120(b) 46 CFR 108.113	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of facility nomenclature, including structural members and hull penetrations (valves). Trainee shall understand typical critical structural areas for typical facility designs. Trainee should also understand our responsibility for hull inspection and repair under the BSEE/CG MOA.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Stability & Ballast Control Inspection****All FOFs**

Task: FOFI-SB01 Evaluate compliance with stability protocols in Marine Operating Manual (MOM)

Condition: During stability and ballast control 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 170 Stability Requirements for All Inspected Vessels
4. NVIC 03-97 Stability Related Review Performed by The American Bureau of Shipping for U.S. Flag Vessels

Steps		References	Initials
SB01.1	Verify instructions on the use of stability data	46 CFR 107.305(ii) 46 CFR 109.121(b)(4)	
SB01.2	Verify Control Room/BCO copy is approved as referenced in CG approval letter	46 CFR 107.305(ii) 46 CFR 170.120 NVIC 03-97	
SB01.3	Verify Load Management Program/software (LMP) utilized for stability management is referenced	46 CFR 107.305(ii) 46 CFR 109.121(b)(3) thru (11)	
SB01.4	Verify LMP lightship values match approved MOM/stability letter values	46 CFR 107.305(ii) 46 CFR 170.120	
SB01.5	Verify electronic inputs into LMP are active/accurate (tank level indicators, TTMS, draft/freeboard indicators)	46 CFR 107.305(ii) 46 CFR 109.121(b)(11)	
SB01.6	Review stability summary logs/records to verify no anomalies or warnings were present (e.g. phantom weights & abnormal changes in ballast levels)	46 CFR 107.305(ii) 46 CFR 109.121(b)(3) thru (11)	
SB01.7	Verify variable deck load surveys/logs (frequency conducted, data entered into LMP and accuracy)	46 CFR 107.305(ii) 46 CFR 109.121(b)(5)	
SB01.8	Review lightship changes and certified weights, logs and LMP entries (documents, accountability & percentage of lightship variation)	46 CFR 170 Subpart F	

Verifying Officer Guidance: TTMS: Tendon Tension Monitoring System

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

Floating OCS Facility (FOF)**Certificate of Inspection****Stability & Ballast Control Inspection****All TLPs****Task:** FOFI-SB02 Inspect Tendon Tension Monitoring System (TTMS)**Condition:** *During stability and ballast control 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

Steps		References	Initials
SB02.1	Verify TTMS is listed, described, operated and maintained in accordance with Marine Operating Manual	46 CFR 107.305(ii) 46 CFR 109.121(a) & (b)(4)	
SB02.2	Verify TTMS is fully functional & active	46 CFR 107.305(ii) 46 CFR 109.121(a) & (b)(4)	
SB02.3	Verify each TTMS tendon load cell is active, calibrated and accurate	46 CFR 107.305(ii) 46 CFR 109.121(a) & (b)(4)	

Verifying Officer Guidance: *Trainee shall have a working knowledge of the importance of TTMS and how the system information directly affects stability calculations for a Tension Leg Platform (TLP). TTMS input readings are utilized in the stability calculations. Tensions should be present and accounted for, or stability calculations will be inaccurate.*

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

Floating OCS Facility (FOF)**Certificate of Inspection****Stability & Ballast Control Inspection****All FOFs**

Task: FOFI-SB03 Evaluate crew familiarity with stability and the Marine Operating Manual (MOM)

Condition: During stability and ballast control inspection

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

References:

1. Title 46, Code of Federal Regulations Part 11 Requirements for Officer Endorsements
2. Title 46, Code of Federal Regulations Part 107 MODU - Inspection & Certification
3. Title 46, Code of Federal Regulations Part 109 MODU - Operations

Steps		References	Initials
SB03.1	Verify Ballast Control Operator (BCO) familiarity with/use of MOM stability section and hydrostatic tables	46 CFR 11.470 & .474 46 CFR 107.305(ii) 46 CFR 109.121(b)(4) thru (12)	
SB03.2	Verify BCO familiarity with LMP functions, system backups and authorities to change specific entries (variable deck load, lightship values, etc.)	46 CFR 11.470 & .474 46 CFR 107.305(ii) 46 CFR 109.121(b)(4) thru (12)	
SB03.3	Verify BCO has access to manual stability calculation forms and can use the same to figure/verify facility stability	46 CFR 107.305(ii) 46 CFR 109.121(b)(4) thru (12)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of procedures (e.g. stability drill, manual stability calculation to be completed by BCO using the MOM, specific stability related questions based on data in the approved MOM) used to verify crew familiarity related to stability of the FOF. Trainee shall also demonstrate a working knowledge that all of the above verifications can be accomplished either individually or encompassed within a stability drill. A stability review/drill is very time-consuming, and consideration should be given as to how and when this review/drill is to be conducted.

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

EMPLID:

Verifying Officer's Signature:

Date:

Floating OCS Facility (FOF)**Certificate of Inspection****Emergency Drill (ED)****All FOFs****Task:** FOFI-ED01 Evaluate fire drill**Condition:** While witnessing emergency drills**Standard:** In compliance with applicable policies, laws, regulations and standards

References:

1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
2. Title 46, Code of Federal Regulations Part 108 MODU - Design & Equipment
3. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
ED01.1	Coordinate with Offshore Installation Manager (OIM) a firefighting drill scenario to adequately test procedures and performance	33 CFR 146.125(a) MSM II/B.1.P.v(1)(a)	
ED01.2	Verify firefighting drill procedures and crew's ability to perform assigned duties	33 CFR 146.125(a) MSM II/B.1.P.3.v	
ED01.3	Verify all personnel are accounted for during emergency muster	33 CFR 146.130(a) 46 CFR 108.901(b)(7)	
ED01.4	Verify crew's ability to organize into an effective team to respond to an emergency	33 CFR 146.125(b) MSM II/B.1.P.3.v(2)	
ED01.5	Verify effective communication between crew on scene and (OIM)	33 CFR 146.125(a)	
ED01.6	Verify required gear for fireman outfits is present	46 CFR 108.497	
ED01.7	Verify donning of fireman outfits	33 CFR 146.125(a) MSM II/B.1.P.3v(2)	
ED01.8	Verify crew is familiar with firefighting equipment	33 CFR 146.125(a) & (b) MSM II/B.1.P.v(2)	
ED01.9	Verify crew's ability to maintain fire boundaries	33 CFR 146.125(a)	
ED01.10	Determine acceptable drill performance	33 CFR 146.125(a) MSM II/B.1.P.3.v(4)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the proper use of emergency equipment, acceptable crew performance criteria, and the importance of conducting post-drill briefing with the OIM and crew. Trainee shall understand possible drill constraints due to FOF's current operations.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Emergency Drill (ED)****All FOFs****Task:** FOFI-ED02 Evaluate abandonment drill**Condition:** While witnessing emergency drills**Standard:** In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 33, Code of Federal Regulations Part 146 OCS - Operations
 2. Title 46, Code of Federal Regulations Part 111 Electric Systems General Requirements
 3. Title 46, Code of Federal Regulations Part 112 Emergency Lighting & Power Systems
 4. COMDTINST M16000.7B Marine Safety Manual Volume II Material Inspection Ch-2

Steps		References	Initials
ED02.1	Coordinate with OIM an abandon drill scenario to adequately test procedures and performance	33 CFR 146.125(a)	
ED02.2	Evaluate abandon drill procedures and crew's ability to perform assigned duties	33 CFR 146.125(b) MSM II/B.1.P.3.v(1)(c)	
ED02.3	Verify all personnel accounted for during emergency muster	33 CFR 146.130(a)	
ED02.4	Verify crew is proficient in donning lifejackets	33 CFR 146.125(a) MSM II/B.1.P.3.v(1)(a)	
ED02.5	Examine emergency lighting at muster station, route and embarkation station	46 CFR 111.75-16 46 CFR 112.15-5	
ED02.6	Verify operation of lifeboat davits	33 CFR 146.125(a)	
ED02.7	Verify operation of lifeboat engines	33 CFR 146.15(a)	
ED02.8	Determine acceptable drill performance	33 CFR 146.125(a) MSM II/B.1.P.3.v(4)	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of the proper use of emergency equipment, acceptable crew performance criteria, and the importance of conducting post-drill briefing with the OIM and crew. Trainee shall understand possible drill constraints due to FOF's current operations.

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

Floating OCS Facility (FOF)**Certificate of Inspection****Follow Up Actions (FU)****All FOFs****Task:** FOFI-FU01 Issue deficiencies**Condition:** Upon completion of inspection with deficiencies**Standard:** In compliance with applicable policies, laws, regulations and standards

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
3. MPS-PR-SEC-05 Conducting Domestic Vessel Inspections
4. Title 46, Code of Federal Regulations Part 2 Vessel Inspections
5. CVC-PR001(1) Mission Management System Procedure, Documenting Deficiencies on U. S. Flag Vessels

Steps		References	Initials
FU.01.1	Identify deficiencies	46 CFR 2.01-10(a) MSM II/A.2.C.4	
FU01.2	Determine deficiency reference cite	46 USC 3313(b) CVC-PR-001(1) E.8.e & f MPS-PR-SEC-05	
FU01.3	Discuss deficiencies and corrective measures/timeframe with facility OIM or representative	46 CFR 2.01-10 MSM II/A.2.C.2 MPS-PR-SEC-05	
FU01.4	Issue signed CG-835V to facility OIM or representative	CVC-PR-001(1) E & F MPS-PR-SEC-05 46 CFR 2.01-10(a)	

Verifying Officer Guidance: Any deficiencies that would result in a control action, of any kind, influence the issuance of Certificate of Inspection. Refer to local OCMI, CVC, and/or District policy for guidance. Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. MPS-PR-SEC -05 (Process Map) reference can be found in the CVC-1 folder at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>. CVC-PR-001(1) can be found at <https://cg.portal.uscg.mil/units/cgcvc/cvcmmms/SitePages/Home.aspx>

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

Floating OCS Facility (FOF)**Certificate of Inspection****Follow Up Actions (FU)****All FOFs****Task:** FOFI-FU02 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
 2. Mission Management System (MMS) Work Instruction - MISLE Data Entry Requirements for Outer Continental Shelf (OCS) Inspections
 3. CVC-PR-001(1) Mission Management System Procedure, Documenting Deficiencies on U. S. Flag Vessels

Steps		References	Initials
FU02.1	Determine an appropriate verification method for identified deficiencies	MSM II/A.2.C.4	
FU02.2	Verify corrections meet appropriate regulations	MSM II/A.2.C.4.a	
FU02.3	Clear deficiencies in MISLE activity	MSM II/A.2.C.2.d MMS MISLE User Guide CVC-PR-001(1) H.9	

Verifying Officer Guidance: Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. MPS-PR-SEC -05 (Process Map) reference can be found in the CVC-1 folder at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>. CVC-PR-001(1) can be found at <https://cg.portal.uscg.mil/units/cgcvc/cvcmmms/SitePages/Home.aspx>

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

Floating OCS Facility (FOF)**Certificate of Inspection****Follow Up Actions (FU)****All FOFs****Task:** FOFI-FU03 Issue/endorse certificates**Condition:** Upon completion of the inspection**Standard:** In accordance with current policies, procedures and processes

References:

1. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management
2. MPS-PR-SEC-05 Conducting Domestic Vessel Inspections

Steps		References	Initials
FU03.1	Issue/endorse certificates, as applicable	MPS-PR-SEC-05	
FU03.2	Obtain a copy of all endorsed certificates for the facility's 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. MPS-PR-SEC -05 (Process Map) reference can be found in the CVC-1 folder at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>

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

Floating OCS Facility (FOF)**Certificate of Inspection****Follow Up Actions (FU)****All FOFs**

Task: **FOFI-FU04 Complete Maritime Information for Safety and Law Enforcement (MISLE) Activity**

Condition: *During follow-up portion of the inspection*

Standard: *In accordance with current policies, procedures and processes*

References:

1. COMDTINST M16000.6 Marine Safety Manual Volume I Administration & Management
2. MPS-PR-SEC-05 Conducting Domestic Vessel Inspections
3. Mission Management System (MMS) Work Instruction - MISLE Data Entry Requirements for Outer Continental Shelf (OCS) Inspections

Steps		References	Initials
FU04.1	Open existing activity in MISLE	MSM I/12.G.2.a MMS MISLE User Guide MPS-PR-SEC-05	
FU04.2	Update inspection results	MSM I/12.H.1 MMS MISLE User Guide CVC -PR-001(1) H	
FU04.3	Update activity narrative	MSM I/12.H.1 MMS MISLE User Guide	
FU04.4	Amend Certificate of Inspection	MSM I/12.H.1 MMS MISLE User Guide	
FU04.5	Print new or amended Certificate of Inspection and deficiency letter	MMS MISLE User Guide	
FU04.6	Change activity status to "Open-Submitted for Review"	MSM I/12.H.1 MMS MISLE User Guide MPS-PR-SEC-05	

Verifying Officer Guidance: *Trainee shall demonstrate a working knowledge of MISLE and the Coast Guard's Mission Management System's (MMS) processes and procedures. MPS-PR-SEC -05 (Process Map) reference can be found in the CVC-1 folder at <https://cg.portal.uscg.mil/units/forcecom/Assessment/FC-Aemms/Process%20Maps/Forms/AllItems.aspx>*

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 Offshore Installations (1997)

Rules for Building and Classing Facilities on Offshore Installations (2016, 2017)

Rules for Building and Classing Floating Production Installations (2016, 2017)

American National Standards Institute (ANSI), 11 West 42nd St., New York, NY 10036

B 31.1-1986, Code for Pressure Piping, Power Piping

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

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

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, 2010 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 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

Appendix C

[illegible]

Appendix C

DATE	LOCATION	FACILITY NAME	HULL TYPE	INSPECTION TYPE	LEAD INSPECTOR

Appendix C

DATE	LOCATION	FACILITY NAME	HULL TYPE	INSPECTION TYPE	LEAD INSPECTOR

**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: _____

Submit to MIPQS840@uscg.mil by clicking the button