

U. S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Office

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Port Arthur, TX 77640-2099
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1500
17 Dec 2003

MEMORANDUM

From: S. K. Richey, CAPT
CG MSO Port Arthur

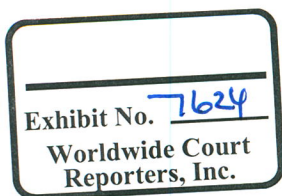
To: M. G. Odom, LT, 1094147

Subj: LETTER OF DESIGNATION AS MOBILE OFFSHORE DRILLING UNIT
INSPECTOR (MU)

1. Congratulations! You have completed all training requirements to perform the duties of a Mobile Offshore Drilling Unit Inspector.
2. You are hereby authorized to carry out the duties and responsibilities of a Coast Guard Mobile Offshore Drilling Unit Inspector. You will be guided in these duties by applicable sections of the Marine Safety Manual, U. S. Code of Federal Regulations, Commandant, District, and local directives.
3. I encourage you to continue to grow in your Marine Inspector skills and always demonstrate the highest levels of judgment and professionalism in these duties as may be assigned. This letter of designation shall be retained as a permanent entry in your marine safety training and qualification record.

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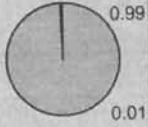
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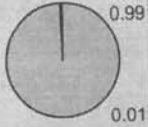
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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete 99%	
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
AC01	Inspect berthing accommodations.	03-Nov-99	T. Mackey
AC04	Inspect mess deck spaces.	07-Dec-99	G. Evans
AC05	Inspect hospital spaces.	31-Aug-00	G. Evans
AC06	Inspect areas where washers and dryers are installed.	07-Dec-99	G. Evans
AC07	Inspect paint lockers.	09-Jan-00	B. Dunlop
AC08	Inspect ladders, railways, and gangways.	08-Dec-99	G. Evans
AC10	Inspect heating and cooking equipment.	08-Dec-99	G. Evans
CS03	Inspect bulk liquid cargo system on an OSV or MODU.	14-Mar-01	T. Kim
CS04	Inspect components installed in designated hazardous locations.	08-Dec-99	T. Alho
DD01	Ensure that the vessel's entire underwater body is clean for examination.	01-Nov-99	T. Alho
DD02	Determine whether structural configuration match approved plans.	08-Dec-99	G. Evans
DD04	Conduct external exam of hull, pontoons, columns, legs, mat, spud cans.	28-Feb-00	B. Dunlop
DD06	Examine steel hull for damage and defects.	01-Nov-99	T. Alho
DD10	Examine critical joint areas.	08-Dec-99	G. Evans
DD11	Examine draft marks.	01-Nov-99	T. Alho
DD12	Examine load line.	08-Dec-99	G. Evans
DD13	Examine drydock plugs for local wastage and proper fit.	08-Dec-99	G. Evans
DD14	Examine sea chests and overboard discharges.	21-Jun-00	T. Alho
DD16	Examine propeller for damage.	31-Aug-00	B. Dunlop
DD18	Inspect tailshaft(s) and stern bearings.	12-Jan-00	B. Dunlop
DD20	Inspect the rudder installation.	12-Jan-00	B. Dunlop

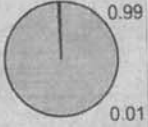
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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete	99%
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
DD22	Examine anchor chains.	08-Dec-99	G. Evans
DD23	Complete applicable structural failure reports and obtain CG-2692.	07-Dec-99	G. Evans
DD24	Examine freeing ports and scuppers.	08-Dec-99	G. Evans
DD25	Open sea valves for inspection.	31-Aug-00	B. Dunlop
DD27	Examine thruster (bow or stern) and thruster tunnel.	08-Dec-99	G. Evans
DD28	Survey vessel for compliance with eligibility requirements for SEILOD.	12-Jan-00	B. Dunlop
DD29	Conduct inspection of internal spaces and structures.	03-Nov-99	T. Alho
DD31	Evaluate repair proposals and inspect completed repairs.	01-Jan-00	B. Dunlop
ED01	Observe fire and boat drills.	28-Feb-01	B. Dunlop
ED04	Review logbook and ensure entries for tests and drills have been made.	05-May-00	B. Dunlop
EE01	Inspect fireman's outfit(s).	08-Dec-99	G. Evans
EE04	Inspect EPIRB.	03-May-00	B. Dunlop
EE05	Test and inspect the general alarm system.	08 DEC 99	G. Evans
EE06	Inspect line throwing equipment.	28-Feb-01	B. Dunlop
EE09	Inspect pyrotechnics.	08-Dec-99	G. Evans
ES01	Inspect switchboards.	10-Dec-99	T. Alho
ES02	Inspect ship's service generators.	22-Dec-99	T. Alho
ES04	Inspect emergency generators.	10-Dec-99	T. Alho
ES05	Inspect battery installation.	07-Jun-00	B. Dunlop
ES06	Inspect motor controllers.	22-Dec-99	T. Alho
ES07	Ensure lighting systems/fixtures are adequate and meet requirements.	07-Jun-00	B. Dunlop


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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete	99%
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
ES09	Ensure receptacle outlets are properly grounded.	07-Jun-00	B. Dunlop
ES10	Inspect distribution panels.	08-Dec-99	T. Alho
ES12	Survey/inspect electrical cable installation.	07-Jun-00	B. Dunlop
ES13	Test power operated watertight doors from local/remote control units.	01-Aug-00	B. Dunlop
ES14	Test/inspect internal communication and control systems.	07-Dec-99	G. Evans
ES16	Inspect components installed in designated hazardous locations.	08-Dec-99	T. Alho
ES18	Inspect the general alarm system emergency batteries.	16-Dec-99	G. Evans
ES19	Perform operational test of remote ventilation shutdowns.	16-Dec-99	G. Evans
FF01	Determine amount, type, location of fire protection equipment required.	07-Jun-00	B. Dunlop
FF02	Inspect CO ₂ systems.	01-Aug-00	B. Dunlop
FF06	Inspect Halon systems.	01-Aug-00	B. Dunlop
FF08	Inspect semi-portable firefighting equipment.	07-Jun-00	B. Dunlop
FF09	Inspect portable firefighting equipment.	01-Nov-99	B. Dunlop
FF10	Inspect fire main and fire stations.	01-Nov-99	T. Alho
FF13	Witness operational test of fire detection system.	07-Dec-99	G. Evans
FF14	Examine fire doors and dampers.	28-Feb-01	B. Dunlop
FF15	Inspect fixed foam extinguishing systems.	26-Nov-03	J. Saddler
FF16	Inspect and operationally test sprinkler system.	23-Mar-01	T. Kim
FF17	Review fire control and hazardous location plans.	28-Feb-01	C. Brown
FF18	Inspect fire axes.	28-Feb-01	B. Dunlop
FF19	Inspect condition of vent and duct leading from grill in galley.	28-Feb-01	B. Dunlop

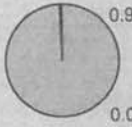
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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete 99%	
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
FF20	Examine fire control plan.	28-Feb-01	B. Dunlop
FF21	Inspect accommodation areas for compliance with SFP requirements.	28-Feb-01	B. Dunlop
FP01	Verify that required forms, placards and notices are posted.	01-Aug-00	B. Dunlop
GT01	Verify ground tackle and related equipment is in satisfactory condition.	28-Feb-01	B. Dunlop
II01	Review vessel documents and papers; state if each is valid or expired.	28-Feb-01	B. Dunlop
II05	Discuss scope of inspection with owner's representative.	21-Jun-00	T. Alho
II06	Obtain CG-2692 for reportable marine casualties.	07-Jun-00	B. Dunlop
II07	Examine gas-free certificate.	07-Jun-00	B. Dunlop
II08	Review hull gaugings and compare with original scantlings.	01-Nov-99	T. Alho
II09	Review any outstanding CG-835s and ask if other deficiencies exist.	07-Jun-00	B. Dunlop
LS01	Determine amount/type of lifesaving equipment required.	28-Feb-01	B. Dunlop
LS05	Inspect life preservers.	06-Jun-00	B. Dunlop
LS06	Inspect ring buoys.	01-Nov-99	T. Alho
LS07	Inspect survival suits.	06-Jun-00	B. Dunlop
LS08	Inspect lifeboat equipment (or survival capsule).	13-Mar-01	B. Dunlop
LS09	Inspect lifeboat (or survival capsule) for hull structure and fittings.	13-Mar-01	B. Dunlop
LS10	Witness lifeboat and davit launched raft weight test.	19-Jun-01	T. Kim
LS11	Inspect and test lifeboat winches and associated equipment.	19-Jun-01	T. Kim
LS12	Witness lifeboat operation.	13-Mar-01	B. Dunlop
LS13	Inspect embarkation aids.	19-Jun-01	T. Kim
LS14	Inspect davit structure.	19-Jun-01	T. Kim


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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete 99%	
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
LS16	Inspect inflatable liferaft installations.	01-Nov-99	T. Alho
LS17	Inspect rescue boat.	26-Mar-01	T. Kim
MI01	Determine condition of the components of the steering gear assembly.	01-Aug-00	B. Dunlop
MI04	Inspect fuel oil service and transfer system.	01-Nov-99	T. Alho
MI06	Inspect bilge pumps installation, piping, and valves.	28-Dec-99	T. Alho
MI08	Examine refrigeration/air conditioning machinery.	01-Aug-00	B. Dunlop
MI09	Examine potable water system.	07-Jun-00	B. Dunlop
MI10	Observe operational tests of machinery.	01-Aug-00	B. Dunlop
MI13	Inspect the diesel installation and assembly.	01-Aug-00	B. Dunlop
MI16	Inspect air starting systems.	01-Nov-99	T. Alho
MI17	Inspect hydraulic starting systems.	01-Nov-99	T. Alho
MI18	Inspect electric starting systems.	07-Jun-00	B. Dunlop
MI19	Witness operational test of main propulsion diesel automation.	07-Jun-00	B. Dunlop
MI22	Internally examine UPVs requiring internal examination.	07-Jun-00	B. Dunlop
MI23	Externally examine UPVs.	07-Jun-00	B. Dunlop
MI24	Hydrostatically test UPVs requiring hydrostatic testing.	07-Jun-00	B. Dunlop
MI25	Ensure all UPVs are properly equipped with pressure relief valves.	07-Jun-00	B. Dunlop
MI26	Witness pressure relief valve test.	07-Jun-00	B. Dunlop
MI30	Conduct a fireside and external exam of an auxiliary/heating boiler.	19-Sep-01	D. Flurie
MI31	Conduct a waterside examination of an auxiliary/heating boiler.	19-Sep-01	D. Flurie
MI32	Conduct required mountings inspections.	19-Sep-01	D. Flurie


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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete 99%	
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
MI33	Conduct a hydrostatic test of the boiler(s).	19-Sep-01	D. Flurie
MI34	Witness the lifting and reseating of safety valves.	19-Sep-01	D. Flurie
MI38	Ensure insulation on steam piping provided to reduce personnel hazard.	19-Sep-01	D. Flurie
NS01	Ensure radars are operable.	07-Jun-00	B. Dunlop
NS02	Inspect magnetic compass.	07-Jun-00	B. Dunlop
NS03	Inspect required depth sounding/recording equipment.	28-Feb-01	B. Dunlop
NS04	Examine radio direction-finding equip./elect. position fixing devices.	26-Mar-01	T. Alho
NS05	Examine radio equipment and FCC or SOLAS documents.	07-Jun-00	B. Dunlop
NS06	Inspect navigation and signal lights.	28-Feb-03	B. Dunlop
NS09	Inspect signaling devices.	28-Feb-01	B. Dunlop
NS10	Inspect navigation publications.	28-Feb-01	B. Dunlop
NS12	Ensure required navigational equipment is on board.	28-Feb-01	B. Dunlop
NT01	Approve NDT method for specific applications.	28-Dec-99	T. Alho
NT02	Check certification of NDT technician.	28-Dec-99	T. Alho
NT03	Witness NDT in accordance with applicable standards.	28-Dec-99	T. Alho
NT04	Evaluate NDT results.	28-Dec-99	T. Alho
PP01	Inspect pollution prevention equipment and documentation.	28-Feb-01	B. Dunlop
PP03	Ensure that MSD requirements are met.	07-Jun-00	B. Dunlop
PP04	Conduct IOPP boarding and survey.	28-Dec-99	T. Alho
PP05	Verify MARPOL V compliance.	28-Dec-99	T. Alho
RT01	Complete Initial Indoctrination Lesson Plan Series (IILPS).	03-Nov-99	T. Alho

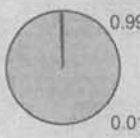
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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks		Percent Complete 99%
	Task Lookup Table		Return to Main Page
TSK #	TASK	Date Completed	Verifying Officer
RT02	Complete Inspection Department Course.	11-Nov-00	M. Odom
RT06	Complete SMI Introduction Course.	11-Nov-00	N/A
RT10	Complete Resident MODU Course or the Hull and Machinery Courses.	11-Nov-00	N/A
ST01	Examine stability letter and book.	11-Aug-00	T. Kim
US01	Inspect contents of diving operations manual on board.	28-Feb-01	B. Dunlop
US02	Check designation of diving supervisor.	28-Feb-01	B. Dunlop
US03	Check designation of person-in-charge.	28-Feb-01	B. Dunlop
US04	Inspect diving equipment.	28-Feb-01	B. Dunlop
US05	Ensure proper diving procedures are used in each diving mode.	28-Feb-01	B. Dunlop
US06	Ensure SEILOD proposal contains required information.	28-Feb-01	B. Dunlop
US07	Ensure CG accepted SEILOD proposal is on board and being followed.	28-Feb-01	B. Dunlop
US08	Monitor diver video examination and evaluate results.	28-Feb-01	B. Dunlop
VS02	Inspect vents to voids, ballast, and portable water tanks.	28-Dec-99	T. Alho
VS03	Examine deck openings and vents.	03-Nov-99	T. Alho
W101	Inspect watertight doors.	07-Jun-00	B. Dunlop
W103	Inspect watertight bulkhead penetrations.	07-Dec-99	T. Alho
W105	Inspect remote-operated valves and controls.	01-Aug-00	B. Dunlop
W106	Inspect bilge wells and "rose boxes."	01-Aug-03	B. Dunlop
W107	Inspect hull and deck openings.	07-Dec-99	G.Evan
W109	Inspect port light covers.	03-Nov-99	T. Mackey
W110	Examine high-strength steel areas.	26-Nov-03	J. Saddler

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	Mobile Offshore Drilling Unit Inspector Qualification Required Tasks	Percent Complete 99%	
	Task Lookup Table	Return to Main Page	
TSK #	TASK	Date Completed	Verifying Officer
WI11	Evaluate steel or aluminum hulls and all accessible spaces for damage.	07-Jun-00	B. Dunlop
WR01	Evaluate welding repair proposal.	03-Dec-99	T. Alho
WR02	Complete initial visual inspection of weld repair.	03-Nov-99	T. Alho
WR03	Complete intermediate visual inspection of weld repair.	03-Nov-99	T. Alho
WR04	Complete final visual inspection of weld repair.	03-Nov-99	T. Alho
WR05	Witness pressure testing of welded repairs.	03-Nov-99	T. Alho
WR06	Examine approved WPS and WPQ.	01-Aug-00	B. Dunlop

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MU Qualification Task Matrix

TSK #	TASK	DATE
WI09	Inspect port light covers.	
WI10	Examine high-strength steel areas.	
WI11	Evaluate steel or aluminum hulls and all accessible spaces for damage.	
WR01	Evaluate welding repair proposal.	
WR02	Complete initial visual inspection of weld repair.	
WR03	Complete intermediate visual inspection of weld repair.	
WR04	Complete final visual inspection of weld repair.	
WR05	Witness pressure testing of welded repairs.	
WR06	Examine approved WPS and WPQ.	

Trainee's OJT Manual has been reviewed and I recommend a training qualification board be scheduled.

Training Officer:  LTJG

Date: 12/16/03

Date Qualification Board Completed: 11/26/03  LT
 MR. IWAGAKI
 LT J. SADDLER
 LTJG WARD