

CHAPTER 52



MINEMAN
(MN)

NAVPERS 18068-52E
CH-56

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

MINEMAN (MN)



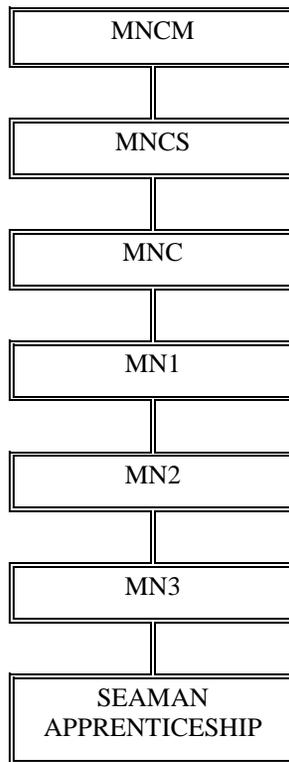
SCOPE OF RATING

Minemen (MN) are experts in all aspects of tactical and operational Mine Warfare, including mining and mine countermeasures operations; perform tactical and operational mine warfare planning, coordination, and execution; plan tactical employment of airborne and underwater mine countermeasure systems; perform, manage, and supervise organizational and intermediate maintenance on service mine systems, exercise and training mine systems, and underwater targets; operate surface mine countermeasures systems, mine warfare tactical decision aids, and environmental sensor systems; coordinate and supervise minesweeper operations and deck seamanship evolutions such as navigation, fueling, replenishment at sea, search and rescue, towing, anchoring, mooring, and small boat navigation; perform and manage organizational and intermediate maintenance of small arms, magazine sprinkler systems, and small boats; train, qualify, direct, and supervise personnel in the handling and stowing of ordnance, and the operation and maintenance of small arms and crew-served weapons.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 52.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For additional rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Mine Warfare Specialist****Job Code****003736****Job Family**

Construction and Extraction

NOC

TBD

Short Title (30 Characters)

MINE WARFARE SPECIALIST

Short Title (10 Characters)

MINE SPEC

Pay Plan

Enlisted

Career Field

MN

Other Relationships and Rules

As assigned to Job

Job Description

Mine Warfare Specialists perform mine maintenance and mine upgrades/downgrades; operate ordnance handling and mine equipment, perform issue/turn-in of logistics material, and maintain magazines, ready service lockers, and inert storage areas; support ship's tactical operations utilizing sophisticated computer, sensor, and communications systems, and conduct precision navigation and chart maintenance; operate and maintain Mine Countermeasures (MCM) systems to locate and neutralize sea mines; utilize basic understanding of physical oceanography and bathymetric measuring devices; employ internal and external communication devices and circuits; perform various log keeping and administrative functions associated with Combat Systems employment; assemble, disassemble, rig, and unrig deck equipment in support of MCM, Underway Replenishment (UNREP), towing, salvage, Search and Rescue (SAR), and ship navigation operations; perform basic marlinspike seamanship; operate and maintain deck equipment; perform shipboard preservation; possess a basic knowledge of electronics theory and Mine Warfare Operations; and must be proficient with various hand and electronic tools.

DoD Relationship**Group Title**

Mines and Degaussing

DoD Code

164700

O*NET Relationship**Occupation Title**Explosives Workers, Ordnance
Handling Experts and Blasters**SOC Code**

47-5031.00

Job Family

Construction and Extraction

Skills*Equipment Selection**Operation and Control**Operation Monitoring**Reading Comprehension**Coordination**Quality Control Analysis**Critical Thinking**Complex Problem Solving**Equipment Maintenance**Monitoring***Abilities***Manual Dexterity**Deductive Reasoning**Problem Sensitivity**Arm-Hand Steadiness**Control Precision**Inductive Reasoning**Finger Dexterity**Mathematical Reasoning**Written Expression**Written Comprehension***ANCHORING, MOORING, AND TOWING****Paygrade****Task Type****Task Statements**

E4	CORE	Determine anchor chain position and tension
E4	CORE	Handle ground tackle
E4	CORE	Handle mooring lines
E4	CORE	Identify mooring and getting underway signals
E4	NON-CORE	Identify rules of the road signals
E4	CORE	Lower ship's anchor
E4	CORE	Moor to and get underway from buoys
E4	CORE	Operate ship's capstan or gypsy head
E4	CORE	Perform preventive maintenance on anchoring equipment
E4	CORE	Perform preventive maintenance on mooring equipment
E4	CORE	Perform preventive maintenance on towing equipment
E4	CORE	Prepare lines for mooring and getting underway evolutions
E4	CORE	Raise ship's anchor
E4	CORE	Repair anchoring equipment
E4	CORE	Repair mooring equipment

E4	CORE	Repair towing equipment
E4	CORE	Rig clear hawse pennants
E4	CORE	Rig dip ropes
E4	CORE	Rig ship for tow
E4	CORE	Secure mooring lines
E5	CORE	Supervise anchoring evolutions
E5	CORE	Supervise mooring and getting underway evolutions
E4	CORE	Test anchoring equipment
E4	CORE	Test mooring equipment
E4	CORE	Test towing equipment
E4	CORE	Troubleshoot anchoring equipment
E5	CORE	Unrig clear hawse pennants
E4	CORE	Unrig dip ropes
E4	CORE	Unrig ship from tow

AUXILIARY AND SUPPORT EQUIPMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Calibrate test equipment, tools, and gauges
E4	CORE	Configure radar set equipment at the Remote Control Panel (RCP)
E4	CORE	Inventory Ship's Reaction Force (SRF) equipment
E5	CORE	Maintain calibration laboratory administration programs
E4	CORE	Monitor radar performance
E4	CORE	Monitor radar set equipment at the Remote Control Panel (RCP)
E4	CORE	Operate auxiliary air and cooling water systems
E4	CORE	Perform preventive maintenance on auxiliary air and cooling water systems
E5	CORE	Perform preventive maintenance on calibration laboratory equipment
E4	CORE	Perform preventive maintenance on Ship's Reaction Force (SRF) equipment
E5	CORE	Perform preventive maintenance on test equipment, tools, and gauges
E4	CORE	Repair auxiliary air and cooling water systems
E5	CORE	Repair test equipment, tools, and gauges
E4	CORE	Test auxiliary air and cooling water systems
E4	CORE	Troubleshoot auxiliary air and cooling water systems
E5	CORE	Troubleshoot test equipment, tools, and gauges

CREW-SERVED WEAPONS AND SMALL ARMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inventory small arms
E4	CORE	Maintain crew-served weapon mounts and stands
E4	CORE	Maintain crew-served weapons
E4	CORE	Operate pyrotechnics
E4	CORE	Repair crew-served weapons
E4	CORE	Repair small arms

E4	CORE	Transfer custody of small arms
E4	CORE	Troubleshoot crew-served weapons
E4	CORE	Troubleshoot small arms

DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Determine search areas for maritime Search and Rescue (SAR) operations
E5	CORE	Direct cranes
E4	CORE	Execute Search and Rescue (SAR) operations
E4	CORE	Handle lines for deck seamanship evolutions
E4	CORE	Identify search and rescue signals
E4	NON-CORE	Identify signals flags, pennants, and flares
E4	CORE	Maintain ship's lines
E4	CORE	Maintain wire ropes
E5	CORE	Operate cranes
E4	CORE	Operate Ship Control Consoles (SCC)
E5	CORE	Operate winches
E4	CORE	Perform aft steering equipment operations
E4	CORE	Perform man overboard procedures
E4	CORE	Perform preventive maintenance on abandon ship equipment
E4	CORE	Perform preventive maintenance on davits
E4	CORE	Perform preventive maintenance on lifesaving equipment
E5	CORE	Perform rigging computations
E4	CORE	Perform small boat man overboard recovery procedures
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot man overboard positions
E4	CORE	Plot shipboard search patterns
E4	NON-CORE	Render calls on boatswain's pipe
E4	CORE	Repair abandon ship equipment
E4	CORE	Repair lifesaving equipment
E4	CORE	Repair synthetic and canvas products
E4	CORE	Report contacts (air, surface)
E4	CORE	Report information (audible, visual)
E4	CORE	Rig boat boom
E4	CORE	Rig davits
E4	CORE	Rig deck equipment
E4	CORE	Rig life lines
E4	CORE	Rig shipboard ladders
E4	CORE	Rig ship's brows and gangways
E5	CORE	Signal cranes
E4	CORE	Splice ship's lines
E5	CORE	Supervise crane evolutions

E5	CORE	Supervise davit evolutions
E5	CORE	Supervise deck evolutions
E5	CORE	Supervise shipboard man overboard recovery evolutions
E5	CORE	Supervise small boat man overboard recovery evolutions
E4	CORE	Test abandon ship equipment
E4	CORE	Test davits
E4	CORE	Test lifesaving equipment
E4	CORE	Tie basic knots, bends, and hitches
E4	CORE	Unrig boat boom
E4	CORE	Unrig davits
E4	CORE	Unrig deck equipment
E4	CORE	Unrig life lines
E4	CORE	Unrig shipboard ladders
E4	CORE	Unrig ship's brows and gangways

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Collect equipment and system status data
E4	CORE	Inspect work areas, tools, and electronic systems equipment
E4	CORE	Inventory controlled equipment
E4	CORE	Inventory Maintenance Assistance Modules (MAM)
E4	CORE	Issue Arms, Ammunition, and Explosive (AA&E) assets
E5	NON-CORE	Monitor contractor installations
E5	NON-CORE	Review technical briefs, notices, and bulletins
E5	CORE	Supervise controlled equipment inventories
E5	CORE	Supervise equipment and system level operations
E5	CORE	Supervise equipment and system level preventive maintenance
E5	CORE	Supervise Maintenance Assistance Modules (MAM) usage

MINE ASSEMBLY AND DISASSEMBLY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Install external exercise and training mine components
E4	CORE	Install external underwater target components
E4	CORE	Install internal exercise and training mine components
E4	CORE	Install internal service mine components
E4	CORE	Install service mine components for final preparation and flight
E4	CORE	Install service mine explosive components
E4	CORE	Install underwater target components for final preparation and flight
E5	CORE	Monitor exercise and training mine assemblies and disassemblies
E5	CORE	Monitor service mine assemblies and disassemblies
E5	CORE	Monitor underwater target assemblies and disassemblies
E4	CORE	Operate exercise and training mine systems
E4	CORE	Program exercise and training mines

E4	CORE	Program Target Detecting Devices (TDD)
E4	CORE	Refurbish underwater target and components
E4	CORE	Remove exercise and training mine components
E4	CORE	Remove external underwater target components
E4	CORE	Remove internal service mine components
E4	CORE	Remove service mine components for final preparation and flight
E4	CORE	Remove service mine explosive components
E4	CORE	Remove underwater target components for final preparation and flight
E4	CORE	Test service mine components
E4	CORE	Test underwater target components

MINE WARFARE (MIW) DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Install minesweeping cutters
E4	CORE	Launch minesweeping gear
E4	CORE	Operate minesweeping winches and cranes
E4	CORE	Perform preventive maintenance on minesweeping gear
E4	CORE	Recover minesweeping gear
E4	CORE	Remove minesweeping cutters
E4	CORE	Rig minesweeping gear
E5	CORE	Supervise buoy recoveries for mine operations
E5	CORE	Supervise rigging buoys for mine operations
E4	CORE	Test minesweeping gear
E4	CORE	Unrig minesweeping gear

MINE WARFARE (MIW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Activate mission packages
E4	CORE	Deploy mission packages
E5	CORE	Direct buoy recoveries
E5	CORE	Evaluate plans developed with tactical decision aid software
E5	NON-CORE	Execute operational requirements on mine neutralization packages
E4	CORE	Identify objects with Mine Neutralization Vehicles (MNV)
E4	CORE	Interpret Mine Warfare (MIW) plots
E4	CORE	Launch Mine Neutralization Vehicles (MNV)
E4	CORE	Operate Mine Neutralization Vehicles (MNV)
E4	CORE	Operate tactical decision aid software
E4	CORE	Operate Umbilical Cable Handling System (UCHS)
E4	CORE	Operate Vehicle Handling System (VHS)
E4	CORE	Operate Vehicle Hydraulic Servicing Unit (HSU)
E4	CORE	Perform preventive maintenance on Mine Neutralization Systems (MNS)
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Recover Mine Neutralization Vehicles (MNV)

E4	CORE	Repair Mine Neutralization Systems (MNS)
E4	CORE	Test Mine Neutralization Systems (MNS)
E4	CORE	Troubleshoot Mine Neutralization Systems (MNS)

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust radar scope presentation to align with navigation charts
E4	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate maneuvering board solutions for scouting problems
E4	CORE	Calculate maneuvering board solutions for station changes
E4	CORE	Calculate maneuvering board solutions for wind problems
E4	CORE	Calculate maneuvering board solutions to determine avoidance courses
E4	CORE	Calculate maneuvering board solutions to determine Closest Point of Approach (CPA)
E4	CORE	Calculate maneuvering board solutions to determine surface contacts course and
E4	CORE	Calculate set and drift
E4	CORE	Compare lookout information with fix data and navigation plots
E4	CORE	Compare radar scope presentation with charts
E4	CORE	Compute advance and transfer for turns
E4	CORE	Compute course and speed made good
E4	CORE	Compute water depths for safe navigation
E4	CORE	Correct nautical charts
E4	CORE	Correlate lookout information with radar presentations
E5	CORE	Determine actions to avoid collisions at sea
E4	CORE	Determine gyrocompass errors by celestial observation
E4	CORE	Determine latitude and longitude from plotted positions on nautical charts
E4	CORE	Determine navigation requirements from operation orders
E4	CORE	Determine ship's position electronically
E4	CORE	Determine ship's position relative to Plan of Intended Movement (PIM)
E4	CORE	Determine variations on charts
E4	NON-CORE	Identify navigation aids
E4	CORE	Incorporate lookout information with navigation plot
E4	CORE	Maintain chart allowance inventories
E4	CORE	Measure fathometer readings against charts
E4	CORE	Operate electronic charting systems
E4	CORE	Operate electronic navigation systems
E4	CORE	Plot approved tracks
E4	CORE	Plot dead reckoning tracks
E4	CORE	Plot departure and approach points for great circle sailing
E4	CORE	Plot deviations and variations
E4	CORE	Plot diversion points for transit routes
E4	CORE	Plot navigation hazards

E4	CORE	Plot Plan of Intended Movement (PIM) tracks
E4	CORE	Plot ship's advance and transfer
E4	CORE	Plot ship's position during navigation detail
E4	CORE	Plot swept channels
E4	CORE	Prepare restricted water tracks
E4	CORE	Recommend action based on international or inland rules of the road
E5	NON-CORE	Review great circle sailing routes

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inspect ordnance containers
E4	CORE	Inspect ordnance magazines and lockers
E4	CORE	Inspect ordnance materials
E4	CORE	Operate magazine equipment
E4	CORE	Operate magazine sprinkler systems
E4	CORE	Operate Material Handling Equipment (MHE)
E4	CORE	Operate Ordnance Handling Equipment (OHE)
E4	CORE	Pack ordnance
E4	CORE	Perform preventive maintenance on magazine equipment
E4	CORE	Perform preventive maintenance on magazine sprinkler systems
E4	CORE	Perform preventive maintenance on Material Handling Equipment (MHE)
E4	CORE	Perform preventive maintenance on ordnance containers
E4	CORE	Perform preventive maintenance on Ordnance Handling Equipment (OHE)
E4	CORE	Perform preventive maintenance on ordnance magazines and lockers
E4	CORE	Perform weapons casualty procedures
E4	CORE	Prepare ordnance for transporting
E4	CORE	Repair magazine equipment
E4	CORE	Repair magazine sprinkler systems
E4	CORE	Repair Material Handling Equipment (MHE)
E4	CORE	Repair Ordnance Handling Equipment (OHE)
E4	CORE	Stow ordnance
E6	CORE	Supervise magazine and locker inspections
E5	CORE	Supervise Material Handling Equipment (MHE) testing
E5	CORE	Supervise Ordnance Handling Evolutions (OHE)
E5	CORE	Supervise ordnance inspections
E5	CORE	Supervise ordnance stowage
E5	CORE	Supervise testing of ordnance handling equipment
E5	CORE	Supervise weapons casualty evolutions
E4	CORE	Test magazine sprinkler systems
E4	CORE	Test Material Handling Equipment (MHE)
E4	CORE	Test Ordnance Handling Equipment (OHE)
E4	CORE	Transfer ordnance

E4	CORE	Transport ordnance
E4	CORE	Troubleshoot magazine equipment
E4	CORE	Troubleshoot magazine sprinkler systems
E4	CORE	Troubleshoot Material Handling Equipment (MHE)
E4	CORE	Troubleshoot Ordnance Handling Equipment (OHE)
E4	CORE	Unpack ordnance

PAINTING AND PRESERVATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Inventory painting and preservation equipment
E4	NON-CORE	Issue painting and preservation equipment
E4	NON-CORE	Issue primer, paint, and non-skid
E4	CORE	Perform preventive maintenance on painting and preservation equipment
E4	NON-CORE	Repair painting and preservation equipment
E5	NON-CORE	Supervise painting and preservation evolutions
E4	NON-CORE	Test painting and preservation equipment
E4	NON-CORE	Troubleshoot painting and preservation equipment

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Identify small boat identity, markings, and insignias
E4	CORE	Identify sound signals
E4	CORE	Launch small boats
E4	CORE	Moor small boats
E4	CORE	Operate small boats
E4	CORE	Perform preventive maintenance on small boat (davits, equipment, hull)
E4	CORE	Plot navigational courses
E4	CORE	Prepare small boats
E4	CORE	Recover small boats
E4	CORE	Repair small boat equipment
E4	CORE	Repair small boat hulls
E5	CORE	Supervise small boat operations
E4	CORE	Test small boat equipment

SONAR SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Operate fathometer systems
E4	CORE	Operate mine hunting sonar systems
E4	CORE	Operate range prediction equipment
E4	CORE	Operate Side Scan Sonar (SSS) systems
E4	CORE	Operate sonar winch systems
E4	CORE	Operate underwater communication systems
E4	CORE	Perform preventive maintenance on fathometer systems
E4	CORE	Perform preventive maintenance on mine hunting sonar systems

E4	CORE	Perform preventive maintenance on range prediction equipment
E4	CORE	Perform preventive maintenance on Side Scan Sonar (SSS) systems
E4	CORE	Perform preventive maintenance on sonar winch systems
E4	CORE	Perform preventive maintenance on underwater communication systems
E4	CORE	Repair fathometer systems
E4	CORE	Repair mine hunting sonar systems
E4	CORE	Repair range prediction equipment
E4	CORE	Repair Side Scan Sonar (SSS) systems
E4	CORE	Repair sonar winch systems
E4	CORE	Repair underwater communication systems
E4	CORE	Test fathometer systems
E4	CORE	Test mine hunting sonar systems
E4	CORE	Test range prediction equipment
E4	CORE	Test Side Scan Sonar (SSS) systems
E4	CORE	Test sonar winch systems
E4	CORE	Test underwater communication systems
E4	CORE	Troubleshoot fathometer systems
E4	CORE	Troubleshoot mine hunting sonar systems
E4	CORE	Troubleshoot range prediction equipment
E4	CORE	Troubleshoot Side Scan Sonar (SSS) systems
E4	CORE	Troubleshoot sonar winch systems
E4	CORE	Troubleshoot underwater communication systems

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align weapons systems and combat systems equipment
E4	CORE	Identify Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) effects
E4	NON-CORE	Interpret blueprints and ship's drawings
E4	NON-CORE	Interpret electronic schematics
E4	NON-CORE	Interpret mechanical drawings
E4	NON-CORE	Interpret technical manuals
E4	CORE	Operate General Purpose Test Equipment (GPTE)
E4	CORE	Operate Special Purpose Test Equipment (SPTE)
E4	CORE	Perform basic soldering on electrical and electronic equipment
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures to energize/de-energize equipment
E4	CORE	Perform corrosion prevention and control procedures
E4	CORE	Perform digital logic numeric conversions
E4	CORE	Perform preventive maintenance on fiber optic cables and connectors
E4	CORE	Perform preventive maintenance on interconnecting cables and connectors
E4	CORE	Perform six step troubleshooting techniques
E4	CORE	Repair fiber optic cables and connectors

E4	CORE	Repair interconnecting cables and connectors
E4	CORE	Repair valves
E4	CORE	Test fiber optic cables and connectors
E4	CORE	Test interconnecting cables and connectors
E4	CORE	Test valves
E4	CORE	Troubleshoot Alternating Current (AC) circuits
E4	CORE	Troubleshoot digital circuits
E4	CORE	Troubleshoot Direct Current (DC) circuits
E4	CORE	Troubleshoot fiber optic cables and connectors
E4	CORE	Troubleshoot interconnecting cables and connectors
E4	CORE	Troubleshoot power supplies
E4	CORE	Troubleshoot Radio Frequency (RF) circuits
E4	CORE	Troubleshoot valves

UNDERWAY REPLENISHMENT (UNREP)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Determine position using phone and distance line
E4	CORE	Operate cargo receiving rigs
E4	CORE	Operate fueling receiving rigs
E4	CORE	Perform personnel transfer at sea
E4	CORE	Perform preventive maintenance on replenishment equipment
E4	CORE	Repair replenishment equipment
E4	CORE	Rig cargo replenishment stations
E4	CORE	Rig for personnel transfer at sea
E4	CORE	Rig fueling replenishment stations
E4	CORE	Send and receive fueling at sea signals
E4	CORE	Send and receive replenishment at sea signals
E5	CORE	Supervise cargo replenishment rig evolutions
E5	CORE	Supervise fueling rig evolutions
E5	CORE	Supervise personnel transfer at sea
E4	CORE	Test replenishment equipment
E4	CORE	Troubleshoot replenishment equipment
E4	CORE	Unrig cargo replenishment stations
E4	CORE	Unrig from personnel transfer at sea
E4	CORE	Unrig fueling replenishment stations

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Align systems to Commanding Officer's (CO) tactical orders
E4	CORE	Configure systems for normal operations
E4	CORE	Configure systems for training operations
E4	CORE	Decode tactical signals
E4	CORE	Document external communications

E4	CORE	Encode tactical signals
E4	NON-CORE	Execute Commanding Officer's (CO) tactical orders
E4	NON-CORE	Execute warfare commanders intentions
E4	CORE	Make operational and situational reports
E4	NON-CORE	Manage data base information
E4	CORE	Monitor external communications
E5	CORE	Operate Command, Control, Computer, Communication, and Intelligence (C4I) systems
E4	CORE	Operate Common Post Mission Analysis (CPMA) systems
E4	CORE	Perform external communications (radios, telephones, ship-to-ship, and ship-to-shore)
E4	CORE	Perform internal communications (verbal communications, sound powered telephones, and Internal Voice Communication Systems (IVCS))
E4	CORE	Prepare Combat Information Center (CIC) for special evolutions
E4	NON-CORE	Review combat systems equipment status
E4	NON-CORE	Review tactical operations data
E4	NON-CORE	Review threat weapons data
E4	NON-CORE	Review watch-related operation references
E5	NON-CORE	Supervise Common Post Mission Analysis (CPMA) operations
E4	CORE	Test communications systems
E4	CORE	Transition Combat Information Center (CIC) between conditions of readiness
E4	CORE	Update plotting and status boards
E4	NON-CORE	Verify equipment alignment according to Emission Control (EMCON) plans

Job Title

Mine Warfare Manager

Job Code

003737

Job Family

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

MINE WARFARE MANAGER

Short Title (10 Characters)

MINE MGR

Pay Plan

Enlisted

Career Field

MN

Other Relationships and Rules

As assigned to Job

Job Description

Mine Warfare Managers supervise mine maintenance and mine upgrades/downgrades; supervise ordnance handling and mine equipment; monitor issue/turn-ins of logistics material, and control maintenance of magazines, ready service lockers, and inert storage areas; support ships tactical operations utilizing sophisticated computer, sensor, and communications systems; conduct precision navigation and chart maintenance; operate and maintain Mine Countermeasures (MCM) systems to locate and neutralize sea mines; utilize basic understanding of physical oceanography and bathymetric measuring devices; employ internal and external communication devices and circuits; review various log keeping and administrative functions associated with Combat Systems employment; manage the assembly, disassembly, rigging, and unrigging of deck equipment in support of MCM, Underway Replenishment (UNREP), towing, salvage, Search and Rescue (SAR), and ship navigation operations; teach basic marlinespike seamanship; supervise operations and maintenance of deck equipment; and oversee shipboard preservation.

DoD Relationship

Group Title Mines and Degaussing
DoD Code 164700

O*NET Relationship

Occupation Title First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators
SOC Code 53-1031.00

Job Family Transportation and Material Moving

Skills

Monitoring
Operation and Control
Coordination
Management of Material Resources
Management of Personnel Resources
Quality Control Analysis
Reading Comprehension
Writing
Critical Thinking
Instructing

Abilities

Deductive Reasoning
Problem Sensitivity
Speed of Closure
Oral Expression
Written Comprehension
Written Expression
Information Ordering
Inductive Reasoning
Selective Attention
Arm-Hand Steadiness

ANCHORING, MOORING, AND TOWING

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Determine required scope of anchor chain
E7	CORE	Monitor anchoring evolutions
E6	CORE	Monitor mooring and getting underway evolutions
E7	CORE	Monitor towing evolutions
E6	CORE	Supervise towing evolutions

CREW-SERVED WEAPONS AND SMALL ARMS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Manage crew-served weapons qualifications
E6	CORE	Manage small arms inventories
E6	CORE	Manage small arms qualifications
E6	NON-CORE	Qualify personnel in the use of crew-served weapons
E6	NON-CORE	Qualify personnel in the use of small arms

E6	NON-CORE	Train personnel in the use of crew-served weapons
E6	CORE	Train personnel in the use of pyrotechnics
E6	NON-CORE	Train personnel in the use of small arms

DECK SEAMANSHIP

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate Search and Rescue (SAR) teams
E6	NON-CORE	Coordinate shipboard honors and ceremonies
E6	CORE	Monitor crane evolutions
E7	CORE	Monitor deck evolutions
E6	CORE	Monitor shipboard man overboard recovery evolutions
E6	CORE	Monitor small boat man overboard recovery evolutions

EQUIPMENT ADMINISTRATION

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Approve equipment installations and alterations
E6	NON-CORE	Coordinate equipment certifications
E6	CORE	Maintain Arms, Ammunition, and Explosive (AA&E) programs
E7	CORE	Maintain equipment and test logs
E6	CORE	Manage Arms, Ammunition, and Explosive (AA&E) assets
E6	CORE	Manage controlled equipment
E6	NON-CORE	Manage electronic systems configuration
E6	NON-CORE	Manage work center equipment and system level administration
E6	CORE	Manage weapons and combat systems equipment alignment
E6	CORE	Monitor contractor testing of equipment
E6	CORE	Receive custody of Arms, Ammunition, and Explosive (AA&E) assets
E6	NON-CORE	Supervise installations and alterations of equipment

MINE ASSEMBLY AND DISASSEMBLY

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage exercise and training mine assemblies and disassemblies
E7	CORE	Manage service mine assemblies and disassemblies
E7	CORE	Manage underwater target assemblies and disassemblies
E6	CORE	Supervise exercise and training mine assemblies and disassemblies
E6	CORE	Supervise service mine assemblies and disassemblies
E6	CORE	Supervise underwater target assemblies and disassemblies

MINE WARFARE (MIW) DECK OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise minesweeping evolutions

MINE WARFARE (MIW) OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate mine countermeasures evolutions
E6	CORE	Coordinate Mine Neutralization Vehicles (MNV) support operations

E7	CORE	Develop mine countermeasures plans
E6	CORE	Evaluate undersea contact information
E6	CORE	Manage Mine Warfare (MIW) operations
E6	CORE	Monitor Mine Neutralization Vehicles (MNV) launch and recoveries

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Review construction of swept channels
E6	NON-CORE	Review nautical chart corrections
E6	NON-CORE	Review prepared nautical charts
E6	CORE	Supervise navigation teams during navigation detail

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate ordnance handling evolutions
E7	CORE	Manage magazine and locker inspections
E7	CORE	Manage ordnance handling evolutions
E7	CORE	Manage ordnance stowage
E6	CORE	Monitor ordnance handling evolutions
E6	CORE	Monitor ordnance inspections
E6	CORE	Monitor weapons casualty evolutions
E6	CORE	Supervise magazine and locker inspections
E6	CORE	Supervise testing of magazine sprinkler systems

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Monitor small boat evolutions

UNDERWAY REPLENISHMENT (UNREP)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Manage cargo replenishment evolutions
E7	CORE	Manage fueling at sea replenishment evolutions
E7	CORE	Monitor cargo replenishment evolutions
E6	CORE	Monitor fueling at sea replenishment evolutions
E7	CORE	Monitor personnel transfer at sea

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate distribution of tactical information
E6	CORE	Direct transition of Combat Information Center (CIC) between conditions of readiness
E7	CORE	Evaluate Common Post Mission Analysis (CPMA) data
E6	CORE	Manage Combat Information Center (CIC) during casualty conditions
E6	CORE	Monitor Combat Information Center (CIC) watch team performance
E6	NON-CORE	Review Commanding Officer's tactical orders

E6	NON-CORE	Review Rules of Engagement (ROE)
E6	CORE	Supervise Combat Information Center (CIC) during special evolutions
E6	CORE	Supervise equipment alignment according to Emission Control (EMCON) plans
E6	NON-CORE	Verify systems alignment to Commanding Officer's (CO) tactical orders