

CHAPTER 52



MINEMAN
(MN)

NAVPERS 18068-52F

CH-73

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

MINEMAN (MN)



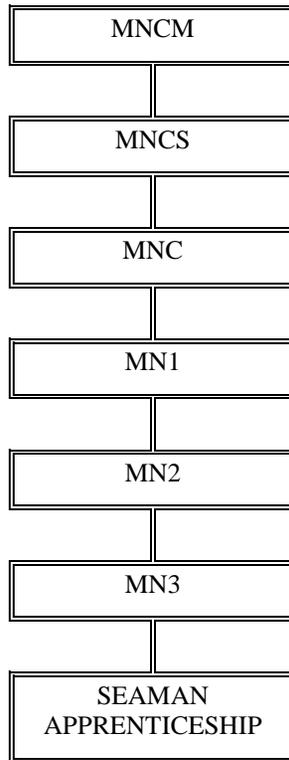
SCOPE OF RATING

Minemen (MN) are experts in all aspects of tactical and operational Mine Warfare (MIW), including mining and mine countermeasures operations; perform tactical and operational MIW planning, coordination, and execution; plan tactical employment of surface, 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 and maintain underwater mine countermeasures systems, sonar systems, MIW tactical decision aids, and environmental sensor systems; coordinate and supervise MIW 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 (14 Characters)

MINE WAR SPEC

Pay Plan

Enlisted

Career Field

MN

Other Relationships and Rules

As assigned to billet

Job Description

Mine Warfare Specialists perform maintenance on service mine systems, exercise and training mine systems, and underwater targets; perform exercise and training and service mine upgrades/downgrades; operate ordnance handling and mine equipment, perform issue/turn-ins 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 (MIW) 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

Operation and Control
Critical Thinking
Judgment and Decision Making
Complex Problem Solving
Operation Monitoring
Monitoring
Quality Control Analysis
Coordination
Equipment Selection
Repairing

Abilities

Deductive Reasoning
Manual Dexterity
Problem Sensitivity
Written Comprehension
Oral Expression
Arm-Hand Steadiness
Inductive Reasoning
Control Precision
Information Ordering
Written Expression

ANCHORING, MOORING, AND TOWING**Paygrade****Task Type****Task Statements**

E5	CORE	Direct anchoring evolutions
E5	CORE	Direct mooring and getting underway evolutions
E5	CORE	Direct mooring to and getting underway from buoys
E5	CORE	Direct towing evolutions
E4	CORE	Get underway from buoys
E4	CORE	Handle ground tackle
E4	CORE	Lower ship's anchor
E7	CORE	Manage mooring and getting underway evolutions
E7	CORE	Manage towing evolutions
E4	CORE	Moor to buoys
E4	CORE	Raise ship's anchor
E4	CORE	Repair anchoring equipment
E4	CORE	Repair mooring equipment
E4	CORE	Repair towing equipment
E4	CORE	Report anchor chain positions and tensions

ANCHORING, MOORING, AND TOWING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Report mooring and getting underway signals
E4	CORE	Report Navigation Rules and Regulations signals
E4	CORE	Rig clear hawse pennants
E4	CORE	Rig dip ropes
E4	CORE	Rig ship for tow
E4	CORE	Test anchoring equipment
E4	CORE	Test mooring equipment
E4	CORE	Test towing equipment
E4	CORE	Troubleshoot anchoring equipment
E4	CORE	Troubleshoot towing equipment
E4	CORE	Unrig clear hawse pennants
E4	CORE	Unrig dip ropes
E4	CORE	Unrig ship from tow

CREW-SERVED WEAPONS AND SMALL ARMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure crew-served weapons, mounts, and stands
E4	CORE	Configure small arms (e.g. grenade, line throwing, etc.)
E4	CORE	Deploy pyrotechnics
E4	CORE	Engage contacts with crew-served weapons
E4	CORE	Inventory small arms
E4	CORE	Mount crew-served weapons
E4	CORE	Repair crew-served weapon mounts and stands
E5	CORE	Repair crew-served weapons
E4	NON-CORE	Repair small arms
E4	CORE	Test crew-served weapon mounts and stands
E5	CORE	Test crew-served weapons
E4	CORE	Test small arms
E7	CORE	Transfer custody of small arms
E4	CORE	Troubleshoot crew-served weapon mounts and stands
E5	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	Conduct crane evolutions
E4	CORE	Conduct helmsman operations
E4	CORE	Configure aft steering equipment
E7	CORE	Coordinate Search and Rescue (SAR) teams
E4	CORE	Deploy exercise and training mines
E5	CORE	Direct cranes

DECK SEAMANSHIP (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Direct deck evolutions
E6	CORE	Direct painting, refurbishment, and preservation evolutions
E5	CORE	Direct Search and Rescue (SAR) teams
E6	CORE	Direct shipboard man overboard recovery evolutions
E6	CORE	Direct small boat man overboard recovery evolutions
E4	CORE	Handle lines for deck seamanship evolutions
E4	CORE	Inventory Mine Warfare (MIW) painting and preservation equipment
E4	CORE	Issue painting and preservation equipment
E4	CORE	Issue primer, paint, and non-skid
E7	CORE	Manage crane evolutions
E7	CORE	Manage deck evolutions
E6	CORE	Manage Search and Rescue (SAR) teams
E4	CORE	Perform corrosion prevention and control procedures
E4	CORE	Perform winch operations
E4	CORE	Plot man overboard positions
E5	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E5	CORE	Plot shipboard search patterns
E4	CORE	Provide aft steering input to rudder
E4	CORE	Recover exercise and training mines
E4	NON-CORE	Render calls on boatswain's pipe
E4	CORE	Repair deck equipment
E4	CORE	Repair painting, refurbishment, and preservation equipment
E4	CORE	Repair synthetic and canvas products
E4	CORE	Repair wire ropes
E4	CORE	Replace abandon ship equipment components
E4	CORE	Replace davit components
E4	CORE	Replace lifesaving equipment components
E5	CORE	Replace wire ropes
E4	CORE	Report contacts (air, surface)
E4	CORE	Report distress signals, bearings, and ranges
E4	CORE	Report man overboard
E4	CORE	Report search and rescue signals
E4	CORE	Report signal flags, pennants, and flares
E4	CORE	Rig boat booms
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

DECK SEAMANSHIP (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise crane evolutions
E6	CORE	Supervise deck evolutions
E5	CORE	Supervise painting and preservation evolutions
E4	CORE	Test abandon ship equipment
E4	CORE	Test davits
E4	CORE	Test deck equipment
E4	CORE	Test lifesaving equipment
E4	CORE	Test painting, refurbishment, and preservation equipment
E4	CORE	Troubleshoot deck equipment
E4	CORE	Troubleshoot painting, refurbishment, and preservation equipment
E4	CORE	Unrig boat booms
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
E5	CORE	Verify painting, refurbishment, and preservation evolutions

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct quality assurance inspections on Arms, Ammunition, and Explosives (AA&E) assets
E4	CORE	Inspect work areas, tools, and systems equipment
E4	CORE	Inventory controlled equipment
E5	NON-CORE	Inventory Maintenance Assistance Modules (MAM)
E4	CORE	Issue Arms, Ammunition, and Explosives (AA&E) assets
E6	CORE	Maintain equipment and test logs
E5	CORE	Maintain preventive maintenance documents
E5	CORE	Manage Arms, Ammunition, and Explosives (AA&E) assets
E6	CORE	Manage controlled equipment
E6	CORE	Manage safety programs (e.g. ordnance, Shipboard Explosive Safety Inspection (SESI), etc.)
E5	CORE	Process technical briefs, notices, and bulletins
E5	CORE	Receive custody of Arms, Ammunition, and Explosives (AA&E) assets
E4	CORE	Sentence Arms, Ammunition, and Explosives (AA&E) assets
E5	CORE	Supervise controlled equipment inventories
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E4	CORE	Supervise equipment installations, testing, and alterations

EQUIPMENT ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise Maintenance Assistance Modules (MAM) usage
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E6	CORE	Verify equipment installations, testing, and alterations
E5	CORE	Verify weapons and combat systems equipment alignments

MINE ASSEMBLY, DISASSEMBLY, AND MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assemble exercise and training mines
E4	CORE	Assemble service mines
E4	CORE	Assemble underwater targets
E4	CORE	Disassemble exercise and training mines
E4	CORE	Disassemble service mines
E4	CORE	Disassemble underwater targets
E4	CORE	Refurbish exercise and training mines and components
E4	CORE	Refurbish underwater targets and components
E4	CORE	Repair exercise and training mines and components
E4	CORE	Repair underwater targets and components
E5	CORE	Supervise exercise and training mine assemblies and disassemblies
E5	CORE	Supervise service mine assemblies and disassemblies
E5	CORE	Supervise underwater target assemblies and disassemblies
E4	CORE	Test exercise and training mines and components
E4	CORE	Test service mines and components
E4	CORE	Test underwater targets and components
E6	CORE	Verify exercise and training mine assemblies and disassemblies
E6	CORE	Verify service mine assemblies and disassemblies
E6	CORE	Verify underwater target assemblies and disassemblies

MINE WARFARE (MIW) DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Assemble minesweeping cutters
E4	CORE	Conduct Mine Warfare (MIW) buoy laying and recovery operations
E4	CORE	Configure hydraulic and pneumatic systems
E5	CORE	Direct Mine Warfare (MIW) buoy laying and recovery operations
E5	CORE	Direct minesweeping evolutions
E4	CORE	Disassemble minesweeping cutters
E4	CORE	Install minesweeping cutters
E4	CORE	Launch minesweeping gear
E6	CORE	Manage minesweeping evolutions
E4	CORE	Recover minesweeping gear
E4	CORE	Remove minesweeping cutters

MINE WARFARE (MIW) DECK OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Repair minesweeping gear
E4	CORE	Rig minesweeping gear
E6	CORE	Supervise Mine Warfare (MIW) buoy laying and recovery operations
E4	CORE	Test minesweeping gear
E4	CORE	Troubleshoot 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	Calculate environmental predictions
E4	CORE	Classify Mine Neutralization Vehicles (MNV) pinged objects
E4	CORE	Conduct Vehicle Handling System (VHS) operations
E4	CORE	Configure auxiliary air and cooling water systems
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Control power and tension to Mine Neutralization Vehicles (MNV)
E4	CORE	Deploy mission packages
E4	CORE	Detonate mission packages
E5	CORE	Develop Mine Warfare (MIW) plans
E5	CORE	Direct Mine Countermeasures (MCM) evolutions
E6	CORE	Evaluate Mine Warfare (MIW) plans
E4	CORE	Initialize databases (e.g. Mine Warfare Environmental Decision Aids Library (MEDAL), link, Global Command and Control System (GCCS), etc.)
E4	CORE	Launch Mine Neutralization Vehicles (MNV)
E4	CORE	Manage contact databases
E4	CORE	Pilot Mine Neutralization Vehicles (MNV)
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Recover Mine Neutralization Vehicles (MNV)
E4	CORE	Repair Mine Neutralization Systems (MNS)
E4	CORE	Report biological and environmental data
E4	CORE	Report findings from Mine Warfare (MIW) messages
E4	CORE	Report radar contacts
E5	CORE	Supervise Mine Countermeasures (MCM) evolutions
E4	CORE	Test auxiliary air and cooling water systems
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	Calculate basic maneuvering board solutions (e.g. avoidance courses, closest point of approach (CPA), course/speed, etc.)
E4	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate ship's position relative to Plan of Intended Movement (PIM)
E4	CORE	Compare lookout information with fix data and navigation plots
E4	CORE	Compare radar scope presentations with electronic charts
E4	CORE	Compute advance and transfer for turns
E4	CORE	Compute course and speed made good
E4	CORE	Configure radar scope presentations
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Determine ship's position electronically
E4	CORE	Determine variations on electronic charts
E4	CORE	Load waypoints and tracks into electronic charting systems
E4	CORE	Maintain chart inventories
E4	CORE	Maintain ship's navigation logs
E4	CORE	Plot approved tracks
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot diversion points for transit routes
E4	CORE	Plot navigation hazards
E4	CORE	Plot navigation requirements (e.g. Operational Orders (OPORD), Operational Plans (OPPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Plot Plan of Intended Movement (PIM) tracks
E4	CORE	Plot ship's advance and transfer
E4	CORE	Plot swept channels
E4	CORE	Plot Temporary Flight Restrictions (TFR)
E4	CORE	Recommend actions based on Navigation Rules and Regulations
E4	CORE	Report fathometer readings
E4	CORE	Report gyrocompass errors
E4	CORE	Report latitude and longitude from plotted positions on nautical charts
E4	CORE	Report navigation aids
E4	CORE	Report water depths for safe navigation
E4	CORE	Review deviations and variations
E5	CORE	Verify Temporary Flight Restrictions (TFR)

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct Material Handling Equipment (MHE) operations
E4	CORE	Conduct Ordnance Handling Equipment (OHE) operations
E4	CORE	Configure magazine equipment (e.g. battens, stanchions, alarms, etc.)
E4	CORE	Configure magazine sprinkler systems
E4	CORE	Configure ordnance containers
E4	CORE	Configure weapons elevators and hoists
E5	CORE	Direct magazine and locker inspections
E5	CORE	Direct ordnance handling evolutions
E4	CORE	Inspect ordnance
E5	CORE	Inspect ordnance containers
E4	CORE	Inspect ordnance magazines and lockers
E6	CORE	Manage magazine and locker inspections
E6	CORE	Manage Material Handling Equipment (MHE) programs
E4	CORE	Pack ordnance
E4	CORE	Perform weapons casualty procedures
E4	CORE	Prepare weapons and ordnance for transportation
E5	CORE	Repair magazine equipment (e.g. battens, stanchions, alarms, etc.)
E5	CORE	Repair magazine sprinkler systems
E4	CORE	Repair Material Handling Equipment (MHE)
E4	CORE	Repair Ordnance Handling Equipment (OHE)
E4	CORE	Repair ordnance magazines and lockers
E4	CORE	Replace ordnance containers and components
E4	CORE	Stow ordnance
E5	CORE	Supervise Material Handling Equipment (MHE) operations
E5	CORE	Supervise Ordnance Handling Equipment (OHE) operations
E6	CORE	Supervise ordnance handling evolutions
E5	CORE	Supervise ordnance inspections
E5	CORE	Supervise ordnance stowage
E5	CORE	Supervise testing of Material Handling Equipment (MHE)
E5	CORE	Supervise testing of Ordnance Handling Equipment (OHE)
E5	CORE	Supervise weapons casualty evolutions
E4	CORE	Test magazine equipment (e.g. battens, stanchions, alarms, etc.)
E4	CORE	Test magazine sprinkler systems
E4	CORE	Test Material Handling Equipment (MHE)
E4	CORE	Test Ordnance Handling Equipment (OHE)

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Transfer ordnance
E4	CORE	Transport ordnance
E5	CORE	Troubleshoot magazine equipment (e.g. battens, stanchions, alarms, etc.)
E5	CORE	Troubleshoot magazine sprinkler systems
E4	CORE	Troubleshoot Material Handling Equipment (MHE)
E4	CORE	Troubleshoot Ordnance Handling Equipment (OHE)
E4	CORE	Unpack ordnance

SECURITY OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Apply restraint devices
E6	CORE	Conduct Anti-Terrorism (AT) assessments
E4	CORE	Conduct guard mounts (e.g. weapons issue, duty section turnover, etc.)
E4	CORE	Conduct inspections and searches (e.g. vehicles, personnel, etc.)
E4	CORE	Conduct screening and detection operations (e.g. personnel, vehicles, etc.)
E4	CORE	Conduct tactical entries and movements
E5	NON-CORE	Conduct Visit Board Search and Seizure (VBSS) operations
E4	CORE	Configure less-than-lethal weapons (e.g. acoustic devices, lasers, expandable batons, etc.)
E4	CORE	Configure security gear and equipment (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E6	CORE	Coordinate screening and detection operations (e.g. personnel, vehicles, etc.)
E6	CORE	Coordinate tactical entries and movements
E6	CORE	Develop Anti-Terrorism (AT) plans
E5	CORE	Draft Arms, Ammunition, and Explosives (AA&E) Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), and equipment Departure From Specifications (DFS)
E4	CORE	Engage contacts with less-than-lethal weapons (e.g. acoustic devices, lasers, expandable batons, etc.)
E4	CORE	Establish security perimeters
E4	CORE	Inventory security gear and equipment (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E4	CORE	Replace less-than-lethal weapon components (e.g. acoustic devices, lasers, expandable batons, etc.)
E4	CORE	Replace security gear and equipment components (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E5	CORE	Supervise guard mount operations (e.g. weapons issue, duty section turnover, etc.)
E5	CORE	Supervise inspections and searches (e.g. vehicles, personnel, etc.)
E5	CORE	Supervise screening and detection operations (e.g. personnel, vehicles, etc.)
E5	CORE	Supervise security patrols and roves

SECURITY OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Test less-than-lethal weapons (e.g. acoustic devices, lasers, expandable batons, etc.)
E4	CORE	Test security gear and equipment (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E6	NON-CORE	Train personnel in Anti-terrorism Force Protection (ATFP)
E6	CORE	Transfer custody of security gear and equipment (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E4	CORE	Troubleshoot less-than-lethal weapons (e.g. acoustic devices, lasers, expandable batons, etc.)
E4	CORE	Troubleshoot security gear and equipment (e.g. Ship Reaction Force (SRF) equipment, screening and detection equipment, etc.)
E4	CORE	Verify identification credentials and documents

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Configure Unmanned Underwater Vehicles (UUV)
E5	CORE	Direct small boat operations
E4	CORE	Inventory small boat equipment
E4	CORE	Launch small boats
E5	CORE	Launch Unmanned Underwater Vehicles (UUV)
E4	CORE	Pilot small boats
E5	CORE	Pilot Unmanned Underwater Vehicles (UUV)
E4	CORE	Prepare small boats
E4	CORE	Recover small boats
E5	CORE	Recover Unmanned Underwater Vehicles (UUV)
E4	CORE	Repair small boat equipment
E4	CORE	Repair small boat sponsons
E6	CORE	Supervise Unmanned Underwater Vehicle (UUV) operations
E4	CORE	Test small boat equipment
E4	CORE	Troubleshoot small boat equipment

SONAR SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct sonar operations
E4	CORE	Configure range prediction equipment
E4	CORE	Configure sonar systems
E4	CORE	Configure underwater communication systems
E5	CORE	Repair fathometer systems
E5	CORE	Repair range prediction equipment
E5	CORE	Repair Side Scan Sonar (SSS) systems
E5	CORE	Repair sonar winch systems
E5	CORE	Repair underwater communication systems

SONAR SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Report sonar contacts
E4	CORE	Test fathometer 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
E5	CORE	Troubleshoot fathometer systems
E5	CORE	Troubleshoot range prediction equipment
E5	CORE	Troubleshoot Side Scan Sonar (SSS) systems
E5	CORE	Troubleshoot sonar winch systems
E5	CORE	Troubleshoot underwater communication systems

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align valves
E4	CORE	Analyze blueprints and ship's drawings
E4	CORE	Analyze electronic schematics
E4	CORE	Analyze mechanical drawings
E4	CORE	Configure electrical circuits
E4	CORE	Configure General Purpose Test Equipment (GPTE)
E4	CORE	Configure Radio Frequency (RF) circuits
E4	CORE	Configure Special Purpose Test Equipment (SPTE)
E4	CORE	Configure weapons and combat systems equipment
E4	CORE	Determine requirements from technical manuals and schematics
E5	CORE	Maintain personnel qualification and certification programs
E6	CORE	Manage personnel qualification and certification programs
E4	CORE	Minimize the effects of Hazards of Electromagnetic Radiation to Ordnance (HERO) and Radio Frequency Interference (RFI)
E4	NON-CORE	Perform basic soldering on electrical and electronic equipment
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g. casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E5	CORE	Repair fiber optic cables and connectors
E5	CORE	Repair interconnecting cables and connectors
E5	CORE	Repair power supplies
E4	CORE	Repair valves
E4	CORE	Test fiber optic cables and connectors
E4	CORE	Test interconnecting cables and connectors
E4	CORE	Test power supplies
E4	CORE	Test valves
E5	CORE	Troubleshoot Alternating Current (AC) circuits

TECHNICAL CORE FUNDAMENTALS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Troubleshoot digital circuits
E5	CORE	Troubleshoot Direct Current (DC) circuits
E5	CORE	Troubleshoot fiber optic cables and connectors
E5	CORE	Troubleshoot interconnecting cables and connectors
E5	CORE	Troubleshoot power supplies
E4	CORE	Troubleshoot test equipment, tools, and gauges
E4	CORE	Troubleshoot valves
E4	CORE	Update Combat Systems Operational Sequencing System (CSOSS)

UNDERWAY REPLENISHMENT (UNREP)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Direct personnel transfer at sea
E5	CORE	Direct replenishment evolutions
E6	CORE	Manage personnel transfer at sea
E6	CORE	Manage replenishment evolutions
E4	CORE	Perform personnel transfer at sea
E4	CORE	Perform replenishment evolutions
E4	CORE	Receive personnel transfer at sea signals
E4	CORE	Repair highline transfer equipment
E4	CORE	Repair replenishment equipment
E4	CORE	Report positions using phones and distance lines
E4	CORE	Rig for personnel transfer at sea
E4	CORE	Send personnel transfer at sea signals
E4	CORE	Test highline transfer equipment
E4	CORE	Test replenishment equipment
E4	CORE	Troubleshoot highline transfer equipment
E4	CORE	Troubleshoot replenishment equipment
E4	CORE	Unrig from personnel transfer at sea

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust operating mode of systems (e.g. training, normal operation, etc.)
E4	CORE	Analyze tactical operations data
E4	CORE	Analyze threat weapons data
E4	CORE	Conduct Common Post Mission Analysis (CPMA) operations
E4	CORE	Configure systems to Commanding Officer's (CO) tactical orders
E4	CORE	Decode tactical signals
E5	CORE	Direct Combat Information Center (CIC) during casualty conditions
E5	CORE	Direct Combat Information Center (CIC) during special evolutions
E5	CORE	Disseminate tactical information
E4	CORE	Document external communications

WATCH TEAM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational and situational reports
E4	CORE	Encode tactical signals
E6	CORE	Manage Combat Information Center (CIC) during casualty conditions
E6	CORE	Manage Combat Information Center (CIC) during special evolutions
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Report combat systems equipment status
E5	CORE	Supervise Common Post Mission Analysis (CPMA) operations
E4	CORE	Test communication systems
E4	CORE	Transition Combat Information Center (CIC) between conditions of readiness
E4	CORE	Update plotting and status boards

Job Title

Mine Warfare Manager

Job Code

003737

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

MINE WARFARE MANAGER

Short Title (14 Characters)

MINE WAR MGR

Pay Plan

Enlisted

Career Field

MN

Other Relationships and Rules

As assigned to billet

Job Description

Mine Warfare Managers supervise maintenance on service mine systems, exercise and training mine systems, and underwater targets; perform exercise and training and service 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 ship's 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 marlinspike 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

Military Officer Special and
Tactical Operations Leaders, All
Other

SOC Code

55-1019.00

Job Family

Military Specific

Skills

Operation and Control

Time Management

Complex Problem Solving

Critical Thinking

Monitoring

Judgment and Decision Making

Coordination

Management of Personnel Resources

Operations Analysis

Reading Comprehension

Abilities

Deductive Reasoning

Problem Sensitivity

Speed of Closure

Oral Expression

Information Ordering

Written Expression

Written Comprehension

Inductive Reasoning

Arm-Hand Steadiness

Finger Dexterity

ANCHORING, MOORING, AND TOWING

Paygrade

E5

Task Type

CORE

Task Statements

Direct anchoring evolutions

E5

CORE

Direct mooring to and getting underway from buoys

E7

CORE

Manage anchoring evolutions

E7

CORE

Manage mooring and getting underway evolutions

E7

CORE

Manage mooring to and getting underway from buoys

E7

CORE

Manage towing evolutions

E6

CORE

Report required scope of anchor chain

CREW-SERVED WEAPONS AND SMALL ARMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Manage small arms and crew-served weapons inventories (e.g. schedule, validate, etc.)
E6	NON-CORE	Train personnel in the use of crew-served weapons
E6	NON-CORE	Train personnel in the use of pyrotechnics
E6	NON-CORE	Train personnel in the use of small arms
E7	CORE	Transfer custody of small arms

DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate Search and Rescue (SAR) teams
E6	CORE	Coordinate shipboard honors and ceremonies
E7	CORE	Direct helmsman operations
E6	CORE	Direct painting, refurbishment, and preservation evolutions
E7	CORE	Manage crane evolutions
E7	CORE	Manage deck evolutions
E7	CORE	Manage painting, refurbishment, and preservation evolutions
E6	CORE	Manage Search and Rescue (SAR) teams
E7	CORE	Manage shipboard man overboard recovery evolutions
E7	CORE	Manage small boat man overboard recovery evolutions
E6	CORE	Supervise deck evolutions
E5	CORE	Verify painting, refurbishment, and preservation evolutions

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Approve equipment installations, testing, and alterations
E7	CORE	Coordinate equipment certifications and recertifications
E6	CORE	Maintain equipment and test logs
E6	CORE	Manage Arms, Ammunition, and Explosives (AA&E) programs
E6	CORE	Manage controlled equipment
E7	CORE	Manage divisional equipment and system configurations
E7	CORE	Manage divisional maintenance operations
E6	CORE	Manage safety programs (e.g. ordnance, Shipboard Explosive Safety Inspection (SESI), etc.)
E6	CORE	Manage weapons and combat systems equipment alignments
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E6	CORE	Verify equipment installations, testing, and alterations

MINE ASSEMBLY, DISASSEMBLY, AND MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate exercise and training mine assemblies and disassemblies
E7	CORE	Coordinate service mine assemblies and disassemblies
E7	CORE	Coordinate underwater target assemblies and disassemblies
E6	CORE	Manage exercise and training mine assemblies and disassemblies
E6	CORE	Manage service mine assemblies and disassemblies
E6	CORE	Manage underwater target assemblies and disassemblies
E5	CORE	Supervise exercise and training mine assemblies and disassemblies
E5	CORE	Supervise service mine assemblies and disassemblies
E5	CORE	Supervise underwater target assemblies and disassemblies

MINE WARFARE (MIW) DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate minesweeping evolutions
E6	CORE	Manage minesweeping evolutions

MINE WARFARE (MIW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate Mine Countermeasures (MCM) evolutions and plans
E5	CORE	Direct Mine Countermeasures (MCM) evolutions
E6	CORE	Evaluate Mine Warfare (MIW) plans
E6	CORE	Evaluate undersea contact information
E6	CORE	Manage Mine Countermeasures (MCM) evolutions and plans
E7	CORE	Provide Mine Warfare (MIW) recommendations
E5	CORE	Supervise Mine Countermeasures (MCM) evolutions
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORD), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Evaluate plotting of swept channels
E7	CORE	Manage navigation details (e.g. restricted waters, man overboard, straits transits, etc.)
E6	CORE	Supervise navigation team details (e.g. restricted waters, man overboard, straits transits, etc.)
E6	CORE	Verify plotting of swept channels
E5	CORE	Verify Temporary Flight Restrictions (TFR)

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate magazine and locker inspections
E7	CORE	Coordinate ordnance handling evolutions
E6	CORE	Coordinate weapon deliveries and ordnance transportation
E5	CORE	Direct magazine and locker inspections
E6	CORE	Maintain ammunition administration programs (Ordnance Information System (OIS))
E6	CORE	Manage magazine and locker inspections
E6	CORE	Manage Ordnance Handling Equipment (OHE) programs
E7	CORE	Manage ordnance handling evolutions
E7	CORE	Manage ordnance stowage
E6	CORE	Monitor weapons casualty evolutions (safety observer)
E6	CORE	Supervise ordnance handling evolutions
E6	CORE	Supervise testing of magazine sprinkler systems

SECURITY OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate Anti-Terrorism (AT) assessments
E7	CORE	Coordinate Anti-terrorism Force Protection (ATFP) exercises and certification operations
E6	CORE	Coordinate inspections and searches (e.g. vehicles, personnel, etc.)
E6	CORE	Coordinate screening and detection operations (e.g. personnel, vehicles, etc.)
E6	CORE	Coordinate tactical entries and movements
E6	CORE	Develop Anti-Terrorism (AT) plans
E6	NON-CORE	Train personnel in Anti-terrorism Force Protection (ATFP)

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage small boat operations
E7	CORE	Monitor Unmanned Underwater Vehicle (UUV) evolutions
E6	CORE	Supervise Unmanned Underwater Vehicle (UUV) operations

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate personnel qualification and certification programs
E6	CORE	Manage personnel qualification and certification programs
E7	CORE	Verify Mine Countermeasures (MCM) Standard Operating Procedures (SOP)

UNDERWAY REPLENISHMENT (UNREP)

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

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Coordinate Combat Information Center (CIC) during casualty conditions
E7	CORE	Coordinate Combat Information Center (CIC) during special evolutions
E6	CORE	Direct transition of Combat Information Center (CIC) between conditions of readiness
E5	CORE	Disseminate tactical information
E7	CORE	Evaluate Common Post Mission Analysis (CPMA) data
E6	CORE	Manage Combat Information Center (CIC) during casualty conditions
E6	CORE	Manage Combat Information Center (CIC) during special evolutions
E7	CORE	Transmit operational and situational reports
E6	CORE	Verify system alignments to Commanding Officer's (CO) tactical orders