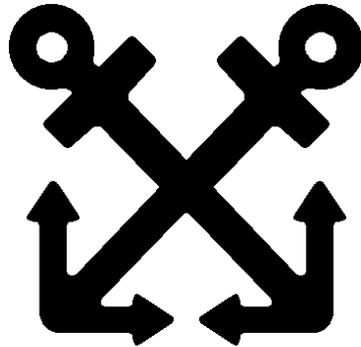


CHAPTER 14



BOATSWAIN'S MATE (BM)

NAVPERS 18068-14D
CH-52

Updated: October 2012

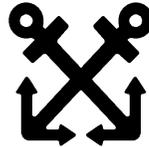
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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

BOATSWAIN'S MATE (BM)



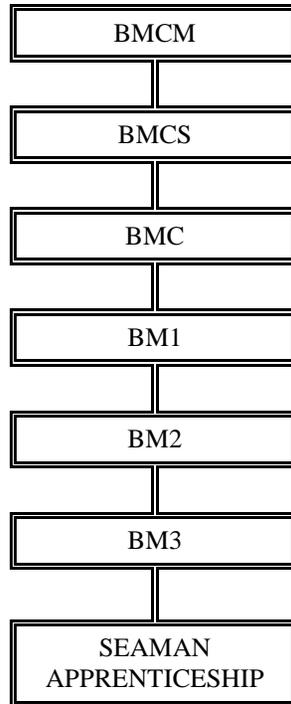
SCOPE OF RATING

Boatswain's Mates (BM) train, direct, and supervise personnel in ship's maintenance duties in all activities relating to marlinespikes, decks, boat seamanship, painting, upkeep of ship's external structure, rigging, deck equipment, and life boats; take charge of working parties; perform seamanship tasks; act as petty officer-in-charge of picket boats, self-propelled barges, tugs, and other yard and district crafts; and operate and maintain equipment used in loading and unloading cargo, ammunition, fuel, and general stores.

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) in Chapter 59.

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 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.

NEBC Job Title

Ships And Boats Mate

NEBC Job Code

003720

Job Family

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

SHIPS AND BOATS MATE

Short Title (10 Characters)

SB MATE

Pay Plan

Enlisted

Career Field

BM

Other Relationships and Rules

Not Applicable

Job Description

Ships and Boats Mates are responsible for the proper training and supervision of junior personnel, including junior officers, in naval traditions, military conduct and justice, leadership, management information, career information, training, programs and policies, military requirements, safety, and security, visual, and radio communications procedures; direct the operation and maintenance of deck machinery, firefighting, and other emergency equipment; direct the movement of non-self-propelled yard craft within the boundaries of harbors, bays and sounds; operate tugs to assist in docking, undocking, dry-docking, and cold iron moves; assist in sea/air rescue and missions of mercy operations; act as safety technicians by assisting the Safety Officer or Safety Manager in the implementation of the Navy Occupational Safety and Health (NAVOSH) program and other command safety programs; perform administrative and record keeping functions in support of the command safety organization; and identify unsafe work practices and hazardous health conditions.

DoD Relationship

Group Title

Boatswains

DoD Code

106000

O*NET Relationship

Occupation Title

Mates - Ship, Boat, and Barge

SOC Code

53-5021.02

Job Family

Transportation and Material Moving

Skills

Judgment and Decision Making

Management of Personnel Resources

Complex Problem Solving

Time Management

Speaking

Management of Financial Resources

Persuasion

Quality Control Analysis

Systems Evaluation

Operation and Control

Abilities

Time Sharing

Inductive Reasoning

Oral Expression

Deductive Reasoning

Flexibility of Closure

Speed of Closure

Written Expression

Reaction Time

Originality

Stamina

AMPHIBIOUS OPERATIONS

Paygrade

Task Type

Task Statements

E7

CORE

Coordinate amphibious beach operations

E6

CORE

Coordinate amphibious beach traffic

E6

CORE

Manage amphibious craft evolutions

E7

CORE

Manage beach logistics support operations

E6

CORE

Manage salvage operations

E7

CORE

Manage well deck evolutions

E6

NON-CORE

Operate amphibious craft as Craftmaster

ANCHORING, MOORING, AND TOWING

Paygrade

Task Type

Task Statements

E7

CORE

Manage anchoring evolutions

E7

CORE

Supervise towing evolutions

CARGO HANDLING, RIGGING, AND CRANES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage cargo handling evolutions
E6	CORE	Supervise cargo handling evolutions
E6	CORE	Supervise dynamic, static, and rated load tests

DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate shipboard honors and ceremonies
E7	CORE	Manage shipboard man overboard recovery evolutions
E7	CORE	Manage small boat man overboard recovery evolutions

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Coordinate equipment certifications and recertifications
E6	CORE	Maintain equipment and test logs
E6	NON-CORE	Manage controlled equipment
E7	NON-CORE	Verify installation, testing, and alteration of equipment

FLIGHT DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage helicopter launch and recovery evolutions

REPLENISHMENT AT SEA

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

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage small boat launch and recovery evolutions

NEBC Job Title
Able Seaman

NEBC Job Code
003722

Job Family
 Installation, Maintenance, and Repair

NOC
 TBD

Short Title (30 Characters)
 ABLE SEAMAN

Short Title (10 Characters)
 ABL SEAMN

Pay Plan
 Enlisted

Career Field
 BM

Other Relationships and Rules
 Not Applicable

Job Description

Able Seamen perform shipboard operations including stevedoring and maintenance; conduct training of junior personnel in rigging, ship security, deck seamanship, navigation, and piloting; operate and maintain small boats, deck equipment, and machinery, prepare metal and wood surfaces for the applying of primers and paints, rig cargo handling equipment for ship replenishment at sea, and handle cargo inport; direct winch and crane operators, stand watch as Boatswain's Mate of the Watch (BMOW) at sea and inport, supervise personnel performing work details, deck functions, general maintenance and upkeep of the ship, and supervise repair parties during shipboard emergencies; launch and recover amphibious craft, operate small boats as coxswains, and inspect and maintain lifeboats, life rafts, and survival equipment; and train and supervise junior personnel performing as flight deck observers, chock and chain persons, and enlisted landing signalmen for multiple helicopter flight deck operations.

DoD Relationship

O*NET Relationship

Group Title
 Boatswains

DoD Code
 106000

Occupation Title
 Maintenance Workers, Machinery

SOC Code
 49-9043.00

Job Family
 Installation, Maintenance and Repair

Skills

Time Management

Management of Personnel Resources

Instructing

Judgment and Decision Making

Writing

Operation and Control

Speaking

Social Perceptiveness

Critical Thinking

Complex Problem Solving

Abilities

Information Ordering

Time Sharing

Inductive Reasoning

Deductive Reasoning

Category Flexibility

Oral Expression

Oral Comprehension

Speech Clarity

Written Expression

Memorization

AMPHIBIOUS OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Evaluate surf zone for landing
E5	CORE	Supervise amphibious craft operations
E5	CORE	Supervise amphibious evolutions
E5	CORE	Supervise vehicle placement, loading, and securing operations
E5	CORE	Supervise well deck evolutions
E5	CORE	Supervise well deck Foreign Object Damage (FOD) walk downs

ANCHORING, MOORING, AND TOWING

Paygrade	Task Type	Task Statements
E5	CORE	Supervise anchoring evolutions
E5	CORE	Supervise mooring and getting underway evolutions
E5	CORE	Supervise mooring to and getting underway from buoy
E5	CORE	Supervise rigging for tow

CARGO HANDLING, RIGGING, AND CRANES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Direct and signal cranes
E5	CORE	Operate cranes and winches
E5	CORE	Perform rigging computations

DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise davit evolutions
E5	CORE	Supervise shipboard man overboard recovery evolutions
E5	CORE	Supervise small boat man overboard recovery evolutions

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Analyze blueprints and ship's drawings
E5	NON-CORE	Maintain equipment records

FLIGHT DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Send and receive helicopter control signals
E5	CORE	Supervise flight deck Foreign Object Damage (FOD) walk downs
E5	CORE	Supervise helicopter launch and recovery evolutions

MARLINESPIKE SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Attach wire rope clips

PAINTING AND PRESERVATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise painting and preservation evolutions

REPLENISHMENT AT SEA

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise cargo replenishment rig evolutions
E5	CORE	Supervise fueling rig evolutions
E5	CORE	Supervise personnel transfer at sea

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise small boat launch and recovery evolutions

NEBC Job Title
Ordinary Seaman

NEBC Job Code
003721

Job Family
 Transportation and Material Moving

NOC
 TBD

Short Title (30 Characters)
 ORDINARY SEAMAN

Short Title (10 Characters)
 ORD SEAMN

Pay Plan
 Enlisted

Career Field
 BM

Other Relationships and Rules
 Not Applicable

Job Description

Ordinary Seamen perform maintenance and preservation of ship's compartments, decks, deck machinery, and equipment; stand deck watches, such as helmsman, lookout, and messenger underway; man and operate amphibious craft, small boats, booms, cranes, and winches; perform all basic seamanship functions aboard ship including knot tying and whipping and seizing lines or wire; and perform basic emergency functions including first aid treatment, hose handling, and the use carbon dioxide, dry chemical, and water portable fire extinguishers.

DoD Relationship

Group Title
 Boatswains

DoD Code
 106000

O*NET Relationship

Occupation Title
 Sailors and Marine Oilers

SOC Code
 53-5011.00

Job Family
 Transportation and Material Moving

Skills

Judgment and Decision Making

Active Learning

Active Listening

Reading Comprehension

Coordination

Equipment Selection

Equipment Maintenance

Troubleshooting

Management of Material Resources

Speaking

Abilities

Manual Dexterity

Oral Comprehension

Gross Body Coordination

Rate Control

Stamina

Memorization

Time Sharing

Depth Perception

Night Vision

Control Precision

AMPHIBIOUS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Direct amphibious craft and vehicles in well deck
E4	CORE	Direct amphibious craft landing operations
E4	CORE	Direct beach vehicle traffic
E4	CORE	Launch amphibious craft
E4	CORE	Load amphibious vehicles
E4	CORE	Perform preventive maintenance on well deck equipment
E4	CORE	Perform well deck Foreign Object Damage (FOD) walk downs
E4	NON-CORE	Prepare amphibious beach equipment
E4	NON-CORE	Prepare amphibious craft for evolutions
E4	CORE	Prepare well deck equipment for amphibious operations
E4	CORE	Recover amphibious craft
E4	CORE	Recover amphibious vehicles
E4	CORE	Repair well deck equipment
E4	CORE	Report amphibious beach signals and flags
E4	CORE	Report amphibious craft markings and flags
E4	CORE	Report amphibious signals and markings

E4	CORE	Secure amphibious vehicles
E4	CORE	Test well deck equipment
E4	CORE	Troubleshoot well deck equipment
E4	CORE	Unload amphibious vehicles

ANCHORING, MOORING, AND TOWING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Handle ground tackle
E4	CORE	Hoist ships anchor
E4	CORE	Let go of ships anchor
E4	CORE	Lower ships anchor
E4	CORE	Perform mooring and getting underway evolutions
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	Repair anchoring equipment
E4	CORE	Repair mooring equipment
E4	CORE	Repair towing equipment
E4	CORE	Report anchoring flags, day shapes, and light configurations
E4	CORE	Report position and tension of anchor chain
E4	CORE	Rig clear hawse pennants
E4	CORE	Rig dip ropes
E4	CORE	Rig for mooring to buoy
E4	CORE	Rig for tow
E4	CORE	Secure mooring lines after getting underway
E4	CORE	Test anchoring equipment
E4	CORE	Test mooring equipment
E4	CORE	Test towing equipment
E4	CORE	Troubleshoot anchoring equipment
E4	CORE	Unrig clear hawse pennants
E4	CORE	Unrig dip ropes
E4	CORE	Unrig from mooring buoy
E4	CORE	Unrig from tow

CARGO HANDLING, RIGGING, AND CRANES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Package cargo for transfer
E4	CORE	Perform cargo handling evolutions
E4	CORE	Perform preventive maintenance on cargo handling equipment
E4	CORE	Repair cargo handling equipment
E4	CORE	Rig cargo handling equipment
E4	CORE	Test cargo handling equipment
E4	CORE	Transport cargo
E4	CORE	Troubleshoot cargo handling equipment
E4	CORE	Unpack cargo for storage
E4	CORE	Unrig cargo handling equipment

DECK SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Handle lines for deck evolutions
E4	CORE	Operate ships control console
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore)
E4	CORE	Perform internal communications (verbal communications, sound powered phone, and Internal Voice Communication System (IVCS))
E4	CORE	Perform preventive maintenance on abandon ship equipment
E4	CORE	Perform preventive maintenance on davits
E4	CORE	Perform preventive maintenance on lifesaving equipment
E4	CORE	Perform shipboard man overboard recovery procedures
E4	CORE	Perform small boat man overboard recovery procedures
E4	CORE	Render calls on boatswains pipe
E4	CORE	Repair abandon ship equipment
E4	CORE	Repair lifesaving equipment
E4	CORE	Report air and surface contacts
E4	CORE	Report audible signals
E4	CORE	Report man overboard
E4	CORE	Report Search And Rescue (SAR) signals
E4	CORE	Report signal flags, pennants, and flares
E4	CORE	Report water depths using lead lines
E4	CORE	Rig davits
E4	CORE	Rig deck equipment
E4	CORE	Rig life lines
E4	CORE	Rig shipboard ladders
E4	CORE	Rig ships brows and gangways
E4	CORE	Steer ship using aft steering equipment

E4	CORE	Test abandon ship equipment
E4	CORE	Test davits
E4	CORE	Test lifesaving equipment
E4	CORE	Unrig davits
E4	CORE	Unrig deck equipment
E4	CORE	Unrig life lines
E4	CORE	Unrig shipboard ladders
E4	CORE	Unrig ships brows and gangways

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inspect work areas, tools, and equipment
E4	NON-CORE	Inventory controlled equipment

FLIGHT DECK OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Launch helicopters
E4	CORE	Perform flight deck Foreign Object Damage (FOD) walk downs
E4	CORE	Perform preventive maintenance on flight deck equipment
E4	CORE	Prepare flight deck equipment
E4	CORE	Recover helicopters
E4	CORE	Refuel helicopters
E4	CORE	Secure helicopters to the deck
E4	CORE	Test flight deck equipment

MARLINESPIKE SEAMANSHIP

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Maintain wire ropes
E4	CORE	Perform preventive maintenance on ships lines
E4	CORE	Repair synthetic and canvas products
E4	CORE	Splice ships lines
E4	CORE	Tie knots, bends, and hitches

PAINTING AND PRESERVATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inventory painting and preservation equipment
E4	CORE	Paint prepared surfaces using primer, paint, and non-skid
E4	CORE	Prepare primer, paint, and non-skid
E4	CORE	Prepare surfaces for primer, paint, and non-skid
E4	CORE	Repair painting and preservation equipment
E4	CORE	Test painting and preservation equipment
E4	CORE	Troubleshoot painting and preservation equipment

REPLENISHMENT AT SEA

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform cargo replenishment evolutions
E4	CORE	Perform fueling replenishment evolutions
E4	CORE	Perform personnel transfer at sea
E4	CORE	Perform preventive maintenance on replenishment equipment
E4	CORE	Repair replenishment equipment
E4	CORE	Report position using phone and distance line
E4	CORE	Rig cargo for Vertical Replenishment (VERTREP)
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 replenishment at sea signals
E4	CORE	Test replenishment equipment
E4	CORE	Troubleshoot replenishment equipment
E4	CORE	Unrig cargo from Vertical Replenishment (VERTREP)
E4	CORE	Unrig cargo replenishment stations
E4	CORE	Unrig from personnel transfer at sea
E4	CORE	Unrig fueling replenishment stations

SMALL BOAT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Follow navigational courses during small boat operations
E4	CORE	Launch small boats
E4	CORE	Moor small boats
E4	CORE	Operate small boats
E4	CORE	Perform preventive maintenance on small boat davits
E4	CORE	Perform preventive maintenance on small boat equipment
E4	CORE	Perform preventive maintenance on small boat hulls
E4	CORE	Prepare small boats
E4	CORE	Recover small boats
E4	CORE	Refuel small boats
E4	CORE	Repair small boat equipment
E4	CORE	Repair small boat hulls
E4	CORE	Test small boat equipment
E4	CORE	Troubleshoot small boat equipment