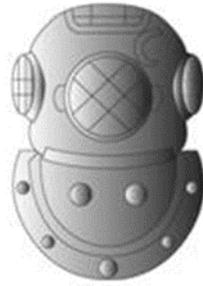


# CHAPTER 44



## NAVY DIVER (ND)

NAVPERS 18068F-44B  
Change 87

Updated: July 2021

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NAVY ENLISTED OCCUPATIONAL STANDARDS

FOR

NAVY DIVER (ND)



SCOPE OF RATING

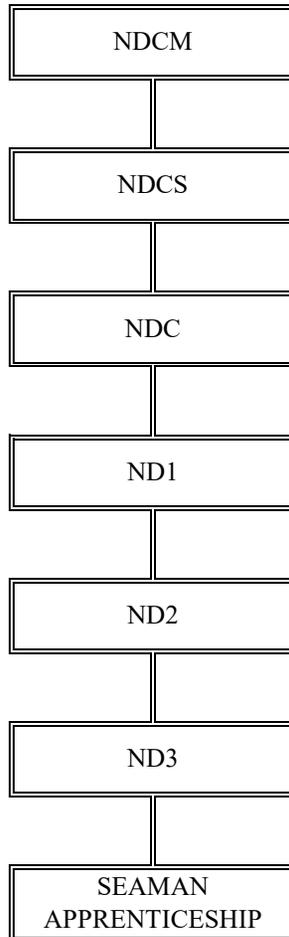
Navy Divers (ND) perform underwater salvage, recovery, repair, and maintenance on ships and submarines; search for and recover downed aircraft; conduct harbor clearance operations; provide assistance to military, federal, state, and local civilian law enforcement agencies in diving operations and procedures; maintain and repair diving equipment and systems; research and develop new diving techniques and procedures; conduct submarine rescue operations; maintain forms, records, correspondence, and files; and perform and supervise recompression chamber operations, hyperbaric treatment for diving and non-diving illnesses, open, closed, and semi-closed circuit Underwater Breathing Apparatus (UBA) diving, surface-supplied air and mixed-gas diving operations, demolition operations, and small arms proficiency.

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These Occupational Standards are 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 44.

## 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 articles 1220-100, 1220-410 and 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****Second Class Diver****Job Code****001100****Job Family**

Installation, Maintenance, and Repair

**NOC**

TBD

**Short Title (30 Characters)**

SECOND CLASS DIVER

**Short Title (14 Characters)**

SCND CLASS DVR

**Pay Plan**

Enlisted

**Career Field**

ND

**Other Relationships and Rules**

NEC M2DV or other NECs as assigned

**Job Description**

Second Class Divers perform diving operations utilizing all air and mixed gas United States Navy (USN) diving apparatus; operate, test, repair, and maintain all USN diving equipment, systems, and support equipment to include recompression chambers; perform underwater harbor/port/ship security inspections including ordnance searching and ship/submarine repair; perform salvage, expeditionary salvage and littoral combat, submarine rescue, and Special Warfare (SPECWAR) operations; perform underwater cutting and welding, demolition operations and small boat operations; operate Dry Deck Shelter (DDS) and submarine lock-in/lock-out systems; and are able to recognize symptoms and assist in treatment of diving and non-diving related (e.g., Unmanned Underwater Vehicle (UUV), Remotely Operated Vehicle (ROV), etc.) injuries.

**DoD Relationship**Group Title

Divers

DoD Code

143300

**O\*NET Relationship**Occupation Title

Commercial Divers

SOC Code

49-9092.00

Job Family

Installation, Maintenance, and Repair

**Skills**

Operation and Control  
Judgment and Decision Making  
Critical Thinking  
Monitoring  
Quality Control Analysis  
Repairing  
Equipment Selection  
Operation Monitoring  
Coordination  
Equipment Maintenance

**Abilities**

Information Ordering  
Spatial Orientation  
Multi-limb Coordination  
Problem Sensitivity  
Manual Dexterity  
Stamina  
Control Precision  
Gross Body Coordination  
Written Comprehension  
Deductive Reasoning

**HUMAN PERFORMANCE****Paygrade****Task Type****Task Statements**

|    |      |  |
|----|------|--|
| E4 | CORE | Conduct combat simulation training   |
| E4 | CORE | Conduct endurance training   |
| E4 | CORE | Conduct load planning  |
| E4 | CORE | Conduct nutrition training   |
| E4 | CORE | Conduct physical therapy/rehabilitation training   |
| E4 | CORE | Conduct strength training  |
| E4 | CORE | Establish wellness and resiliency plans (e.g., operational stress, mental/behavioral health, etc.) |
| E4 | CORE | Implement wellness and resiliency measures (e.g., mind, body, etc.)                                |
| E4 | CORE | Maintain individual wellness and resilience  |

**CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS****Paygrade****Task Type****Task Statements**

|    |      |  |
|----|------|--|
| E4 | CORE | Conduct surface communications                           |
| E4 | CORE | Employ electrical diving equipment                       |
| E4 | CORE | Employ electronic diving equipment                       |
| E4 | CORE | Employ hydraulic equipment                               |
| E4 | CORE | Employ pneumatic tools                                   |
| E4 | CORE | Perform Diving Weight Handling Systems (DWHS) operations |

## CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E4              | CORE             | Perform underwater cutting   |
| E4              | CORE             | Perform underwater recording operations (e.g., audiovisual equipment, borescope, etc.) |
| E4              | CORE             | Perform underwater welding operations  |

## DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E5              | CORE             | Conduct diving assessments and inspections (e.g. safety survey checklists, supervisor drills, etc.) |
| E5              | CORE             | Draft diving administration documentation   |
| E5              | CORE             | Maintain diving administrative records  |
| E4              | CORE             | Perform Diver Life Support Systems (DLSS) re-entry control procedures                               |
| E4              | CORE             | Prepare diving resources and requirements (e.g., equipment, paperwork, etc.)                        |
| E4              | CORE             | Validate diver-related blueprints   |

## DIVING MEDICINE AND RECOMPRESSION CHAMBER OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E4              | CORE             | Administer basic diving and altitude Decompression Sickness (DCS) treatment |
| E4              | CORE             | Administer basic first aid  |
| E4              | CORE             | Align recompression chamber systems   |
| E4              | CORE             | Employ hyperbaric chamber support equipment                                 |
| E5              | CORE             | Evaluate patients before, during, and after hyperbaric treatments           |

## DIVING OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E4              | CORE             | Conduct aviation egress survival training  |
| E4              | CORE             | Conduct submarine egress survival training   |
| E4              | CORE             | Conduct submarine rescue operations  |
| E4              | CORE             | Conduct underwater communications  |
| E4              | CORE             | Employ air Surface-Supplied Diving Systems (SSDS)  |
| E5              | NON-CORE         | Employ atmospheric diving systems (Pressurized Rescue Module (PRM), Submarine Rescue Chamber (SRC), and Atmospheric Diving Systems Suit (ADS)) |
| E4              | CORE             | Employ Diver Life Support Equipment (DLSE)   |
| E4              | CORE             | Employ Gas Transfer Systems (GTS)  |
| E4              | CORE             | Navigate small boats   |
| E4              | CORE             | Perform closed and semi-closed circuit Underwater Breathing Apparatus (UBA) dives  |
| E4              | CORE             | Perform contaminated and cold water diving operations  |
| E4              | CORE             | Perform diving operations with Navy Dive Computers (NDC)   |
| E5              | CORE             | Perform maintenance on certified diving systems and Underwater Breathing Apparatuses (UBA)   |
| E4              | CORE             | Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives   |
| E5              | CORE             | Perform saturation dives   |
| E4              | CORE             | Perform surface-supplied diving operations   |
| E4              | CORE             | Perform swift water diving operations  |

### **DIVING OPERATIONS (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                             |
|------------------------|-------------------------|---|
| E4                     | CORE                    | Perform Variable Volume Dry Suit (VVDS) diving operations |
| E5                     | CORE                    | Supervise small boat operations                           |

### **EXPEDITIONARY OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                    |
|------------------------|-------------------------|--|
| E4                     | NON-CORE                | Administer combat life-saving medical treatments |
| E4                     | CORE                    | Conduct land navigation                          |
| E4                     | NON-CORE                | Conduct strike mounted tactical movements        |
| E4                     | CORE                    | Conduct tactical communications                  |
| E4                     | NON-CORE                | Maintain crew served weapons                     |
| E4                     | NON-CORE                | Maintain small arms                              |
| E4                     | NON-CORE                | Perform advanced small arms techniques           |

### **SALVAGE OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                                  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Perform mooring/Dynamic Positioning (DP) operations            |
| E4                     | CORE                    | Conduct salvage surveys  |
| E4                     | CORE                    | Maintain salvage equipment                                     |
| E4                     | CORE                    | Perform rigging operations (e.g., towing, heavy lifting, etc.) |
| E4                     | CORE                    | Perform salvage operations                                     |

### **SPECIAL WARFARE OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>             |
|------------------------|-------------------------|---|
| E4                     | CORE                    | Perform Dry Deck Shelter (DDS) operations |
| E4                     | CORE                    | Perform Lock Out Chamber (LOC) operations |
| E4                     | CORE                    | Perform Lock Out Trunk (LOT) operations   |

### **UNDERWATER SEARCH AND RECOVERY AND DEMOLITION OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Perform demolition evolutions  |
| E4                     | CORE                    | Perform ordnance searches (e.g., Antiterrorism Force Protection (ATFP), Mine Exercise (MineX), etc.) |
| E5                     | CORE                    | Perform Remote Operation Vehicle (ROV) operations  |
| E5                     | CORE                    | Perform side scan sonar searches   |
| E4                     | CORE                    | Perform underwater recovery of light items (e.g., ordnance, bodies, weapons, equipment, etc.)        |
| E4                     | CORE                    | Perform underwater searches  |
| E4                     | CORE                    | Perform underwater sound transmitter receiver operations   |
| E4                     | NON-CORE                | Store demolition materials   |
| E4                     | NON-CORE                | Transport Arms, Ammunition and Explosives (AA&E)   |

### **UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>          |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Conduct Battle Damage Assessment (BDA) |
| E4                     | CORE                    | Conduct Radiological Control (RADCON)  |

**UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Inspect drydocking   |
| E4                     | CORE                    | Inspect submarine underwater hulls   |
| E4                     | CORE                    | Inspect surface ship underwater hulls  |
| E4                     | CORE                    | Install cofferdams (submarine and surface ship)  |
| E4                     | CORE                    | Repair cranes and rigging  |
| E4                     | CORE                    | Repair enclosed-space components (submarine and surface ship)                                |
| E4                     | CORE                    | Repair hull penetrations   |
| E4                     | CORE                    | Repair submarine hull and mechanical systems   |
| E4                     | CORE                    | Repair submarine propulsion and steering systems   |
| E4                     | CORE                    | Repair submarine sensor systems  |
| E4                     | CORE                    | Repair submarine weapon systems  |
| E4                     | CORE                    | Repair surface ship hull and mechanical systems  |
| E4                     | CORE                    | Repair surface ship masking systems  |
| E4                     | CORE                    | Repair surface ship propulsion and steering systems  |
| E4                     | CORE                    | Repair surface ship sensor systems   |
| E4                     | NON-CORE                | Repair underwater facilities (e.g., caisson door, degaussing range, electrical cables, etc.) |

**Job Title**  
**First Class Diver**

**Job Code**  
**001105**

**Job Family**  
 Installation, Maintenance, and Repair

**NOC**  
 TBD

**Short Title (30 Characters)**  
 FIRST CLASS DIVER

**Short Title (14 Characters)**  
 FRST CLASS DVR

**Pay Plan**  
 Enlisted

**Career Field**  
 ND

**Other Relationships and Rules**  
 NEC MIDV or other NECs as assigned

**Job Description**

First Class Divers supervise diving operations utilizing all air and mixed gas United States Navy (USN) diving apparatus; supervise the test, repair, and maintenance of all USN Diving equipment, systems, and support equipment to include recompression chambers; supervise underwater harbor/port/ship security inspections including ordnance searching and ship/submarine repairs; supervise salvage, expeditionary salvage and littoral combat, submarine rescue, and Special Warfare (SPECWAR) operations; supervise underwater cutting and welding, demolition operations, and small boat operations; supervise Dry Deck Shelter (DDS), submarine lock-in/lock-out systems, and submarine rescue chambers; able to diagnose and administer treatment of diving and non-diving related injuries (e.g., Unmanned Underwater Vehicle (UUV), Remotely Operated Vehicle (ROV), etc.); train USN Department of Defense (DoD) military and other personnel in diving procedures, equipment, and systems; and operate, maintain, and support saturation/deep dive systems and equipment.

**DoD Relationship**

**Group Title**  
 Divers

**DoD Code**  
 143300

**O\*NET Relationship**

**Occupation Title**  
 Commercial Divers

**SOC Code**  
 49-9092.00

**Job Family**  
 Installation, Maintenance, and Repair

**Skills**

*Operation and Control*

*Judgment and Decision Making*

*Critical Thinking*

*Management of Personnel Resources*

*Monitoring*

*Quality Control Analysis*

*Coordination*

*Equipment Selection*

*Operation Monitoring*

*Repairing*

**Abilities**

*Information Ordering*

*Problem Sensitivity*

*Inductive Reasoning*

*Oral Expression*

*Written Comprehension*

*Deductive Reasoning*

*Spatial Orientation*

*Multi-limb Coordination*

*Control Precision*

*Stamina*

**HUMAN PERFORMANCE**

| <b>Paygrade</b> | <b>Task Type</b> | <b>Task Statements</b>   |
|-----------------|------------------|--|
| E6              | CORE             | Assess individual/team wellness and resiliency plans   |
| E4              | CORE             | Conduct combat simulation training   |
| E4              | CORE             | Conduct endurance training   |
| E4              | CORE             | Conduct load planning  |
| E4              | CORE             | Conduct nutrition training   |
| E4              | CORE             | Conduct physical therapy/rehabilitation training   |
| E4              | CORE             | Conduct strength training  |
| E4              | CORE             | Establish wellness and resiliency plans (e.g., operational stress, mental/behavioral health, etc.) |
| E4              | CORE             | Implement wellness and resiliency measures (e.g., mind, body, etc.)                                |
| E4              | CORE             | Maintain individual wellness and resilience  |
| E6              | CORE             | Manage physical conditioning training  |
| E5              | CORE             | Plan physical conditioning training  |
| E5              | CORE             | Supervise physical conditioning training   |

## CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E4              | CORE             | Conduct surface communications   |
| E4              | CORE             | Employ electrical diving equipment   |
| E4              | CORE             | Employ electronic diving equipment   |
| E4              | CORE             | Employ hydraulic equipment   |
| E4              | CORE             | Employ pneumatic tools   |
| E4              | CORE             | Perform Diving Weight Handling Systems (DWHS) operations                               |
| E4              | CORE             | Perform underwater cutting   |
| E4              | CORE             | Perform underwater recording operations (e.g., audiovisual equipment, borescope, etc.) |
| E4              | CORE             | Perform underwater welding operations  |
| E6              | CORE             | Supervise underwater cutting operations  |
| E6              | CORE             | Supervise underwater welding operations  |

## DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E5              | CORE             | Approve diving administrative documentation   |
| E5              | CORE             | Brief diving jobs   |
| E6              | CORE             | Brief diving missions   |
| E5              | CORE             | Conduct diving assessments and inspections (e.g. safety survey checklists, supervisor drills, etc.) |
| E5              | CORE             | Draft diving administration documentation   |
| E5              | CORE             | Maintain diving administrative records  |
| E7              | CORE             | Manage financial resources for Divers' Life Support Systems (DLSS) equipment                        |
| E4              | CORE             | Perform Diver Life Support Systems (DLSS) re-entry control procedures                               |
| E4              | CORE             | Prepare diving resources and requirements (e.g., equipment, paperwork, etc.)                        |
| E7              | CORE             | Supervise diving assessments and inspections  |
| E4              | CORE             | Validate diver-related blueprints   |

## DIVING AND SALVAGE MANAGEMENT

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>                                    |
|-----------------|------------------|---|
| E5              | CORE             | Coordinate repairs with ships' schedules                  |
| E7              | CORE             | Manage Controlled Work Procedures (CWP)                   |
| E7              | CORE             | Manage dive site surveys                                  |
| E7              | CORE             | Manage diving safety programs                             |
| E6              | CORE             | Manage diving systems certifications                      |
| E6              | CORE             | Manage equipment loadouts                                 |
| E6              | CORE             | Manage Formal Work Procedures (FWP)                       |
| E7              | NON-CORE         | Manage Hazardous Material (HAZMAT) certification programs |
| E6              | CORE             | Plan ship repair operations                               |
| E6              | CORE             | Plan submarine repair operations                          |
| E6              | CORE             | Supervise Radiological Control (RADCON) procedures        |
| E6              | CORE             | Supervise salvage operations                              |
| E7              | CORE             | Supervise saturation diving operations                    |

## DIVING MEDICINE AND RECOMPRESSION CHAMBER OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E6              | CORE             | Administer advanced diving and altitude Decompression Sickness (DCS) treatment        |
| E4              | CORE             | Administer basic diving and altitude Decompression Sickness (DCS) treatment           |
| E4              | CORE             | Administer basic first aid  |
| E4              | CORE             | Align recompression chamber systems   |
| E5              | CORE             | Conduct manned testing  |
| E5              | CORE             | Conduct unmanned testing  |
| E4              | CORE             | Employ hyperbaric chamber support equipment   |
| E5              | CORE             | Evaluate patients before, during, and after hyperbaric treatments                     |
| E6              | CORE             | Manage treatment of diving and aviation Decompression Sickness (DCS) related injuries |
| E6              | CORE             | Supervise hyperbaric recompression chamber operations                                 |

## DIVING OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E5              | CORE             | Assess saturation diving life support system operations  |
| E4              | CORE             | Conduct aviation egress survival training  |
| E4              | CORE             | Conduct submarine egress survival training   |
| E4              | CORE             | Conduct submarine rescue operations  |
| E4              | CORE             | Conduct underwater communications  |
| E7              | CORE             | Coordinate joint diving operations with governmental agencies and international militaries   |
| E7              | CORE             | Direct saturation diving operations  |
| E4              | CORE             | Employ air Surface-Supplied Diving Systems (SSDS)  |
| E5              | NON-CORE         | Employ atmospheric diving systems (Pressurized Rescue Module (PRM), Submarine Rescue Chamber (SRC), and Atmospheric Diving Systems Suit (ADS)) |
| E4              | CORE             | Employ Diver Life Support Equipment (DLSE)   |
| E4              | CORE             | Employ Gas Transfer Systems (GTS)  |
| E5              | CORE             | Employ mixed-gas Surface-Supplied Diving Systems (SSDS)  |
| E5              | CORE             | Employ navigation equipment  |
| E5              | CORE             | Maintain saturation diving life support systems  |
| E4              | CORE             | Navigate small boats   |
| E4              | CORE             | Perform closed and semi-closed circuit Underwater Breathing Apparatus (UBA) dives  |
| E4              | CORE             | Perform contaminated and cold water diving operations  |
| E4              | CORE             | Perform diving operations with Navy Dive Computers (NDC)   |
| E5              | CORE             | Perform maintenance on certified diving systems and Underwater Breathing Apparatuses (UBA)   |
| E4              | CORE             | Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives   |
| E5              | CORE             | Perform saturation dives   |
| E4              | CORE             | Perform surface-supplied diving operations   |
| E4              | CORE             | Perform swift water diving operations  |
| E4              | CORE             | Perform Variable Volume Dry Suit (VVDS) diving operations  |

### **DIVING OPERATIONS (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E7                     | CORE                    | Plan aviation egress survival training   |
| E7                     | CORE                    | Plan submarine egress survival training  |
| E7                     | CORE                    | Plan submarine rescue operations   |
| E6                     | CORE                    | Supervise air surface-supplied dives   |
| E6                     | NON-CORE                | Supervise atmospheric diving system operations (e.g. Pressurized Rescue Module (PRM), Submarine Rescue Chamber (SRC), Atmospheric Diving Systems Suit (ADS), etc.) |
| E6                     | NON-CORE                | Supervise aviation egress survival training  |
| E6                     | CORE                    | Supervise closed and semi-closed circuit Underwater Breathing Apparatus (UBA) dives  |
| E6                     | NON-CORE                | Supervise manned and unmanned testing of Diver's Life Support Systems (DLSS) (i.e. Research Development Testing and Evaluation (RDT&E))                            |
| E6                     | CORE                    | Supervise mixed-gas surface-supplied dives   |
| E6                     | CORE                    | Supervise open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives   |
| E5                     | CORE                    | Supervise small boat operations  |
| E6                     | NON-CORE                | Supervise submarine egress survival training   |
| E7                     | CORE                    | Supervise submarine rescue operations  |
| E6                     | CORE                    | Supervise underwater searches  |

### **EXPEDITIONARY OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                    |
|------------------------|-------------------------|--|
| E4                     | NON-CORE                | Administer combat life-saving medical treatments |
| E5                     | NON-CORE                | Conduct crew served weapons training             |
| E6                     | NON-CORE                | Conduct dismounted tactical movements            |
| E4                     | CORE                    | Conduct land navigation                          |
| E4                     | NON-CORE                | Conduct strike mounted tactical movements        |
| E4                     | CORE                    | Conduct tactical communications                  |
| E4                     | NON-CORE                | Maintain crew served weapons                     |
| E4                     | NON-CORE                | Maintain small arms                              |
| E4                     | NON-CORE                | Perform advanced small arms techniques           |
| E6                     | NON-CORE                | Plan mounted movements                           |
| E6                     | NON-CORE                | Supervise employment of small arms               |

### **SALVAGE OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                                  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Perform mooring/Dynamic Positioning (DP) operations            |
| E4                     | CORE                    | Conduct salvage surveys  |
| E4                     | CORE                    | Maintain salvage equipment                                     |
| E4                     | CORE                    | Perform rigging operations (e.g., towing, heavy lifting, etc.) |
| E4                     | CORE                    | Perform salvage operations                                     |
| E6                     | CORE                    | Supervise mooring/Dynamic Positioning (DP) operations          |

### SALVAGE OPERATIONS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E6              | CORE             | Supervise rigging equipment operations (e.g. towing, heavy lifting, etc.) |
| E6              | CORE             | Supervise salvage equipment operations                                    |

### SPECIAL WARFARE OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>                      |
|-----------------|------------------|---|
| E6              | CORE             | Manage Lock Out Chamber (LOC) operations    |
| E6              | CORE             | Manage Lock Out Trunk (LOT) operations      |
| E4              | CORE             | Perform Dry Deck Shelter (DDS) operations   |
| E4              | CORE             | Perform Lock Out Chamber (LOC) operations   |
| E4              | CORE             | Perform Lock Out Trunk (LOT) operations     |
| E6              | CORE             | Supervise Dry Deck Shelter (DDS) operations |

### UNDERWATER SEARCH AND RECOVERY AND DEMOLITION OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E7              | NON-CORE         | Manage Arms, Ammunition, and Explosives (AA&E) programs  |
| E4              | CORE             | Perform demolition evolutions  |
| E4              | CORE             | Perform ordnance searches (e.g., Antiterrorism Force Protection (ATFP), Mine Exercise (MineX), etc.) |
| E5              | CORE             | Perform Remote Operation Vehicle (ROV) operations  |
| E5              | CORE             | Perform side scan sonar searches   |
| E4              | CORE             | Perform underwater recovery of light items (e.g., ordnance, bodies, weapons, equipment, etc.)        |
| E4              | CORE             | Perform underwater searches  |
| E4              | CORE             | Perform underwater sound transmitter receiver operations   |
| E4              | NON-CORE         | Store demolition materials   |
| E6              | CORE             | Supervise demolition operations  |
| E6              | CORE             | Supervise underwater recovery of light items (e.g. ordnance, bodies, weapons, equipment, etc.)       |
| E4              | NON-CORE         | Transport Arms, Ammunition and Explosives (AA&E)   |

### UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E4              | CORE             | Conduct Battle Damage Assessment (BDA)                        |
| E4              | CORE             | Conduct Radiological Control (RADCON)                         |
| E4              | CORE             | Inspect drydocking  |
| E4              | CORE             | Inspect submarine underwater hulls                            |
| E4              | CORE             | Inspect surface ship underwater hulls                         |
| E4              | CORE             | Install cofferdams (submarine and surface ship)               |
| E7              | CORE             | Manage ship and submarine repairs                             |
| E4              | CORE             | Repair cranes and rigging                                     |
| E4              | CORE             | Repair enclosed-space components (submarine and surface ship) |
| E4              | CORE             | Repair hull penetrations                                      |
| E4              | CORE             | Repair submarine hull and mechanical systems                  |

**UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Repair submarine propulsion and steering systems   |
| E4                     | CORE                    | Repair submarine sensor systems  |
| E4                     | CORE                    | Repair submarine weapon systems  |
| E4                     | CORE                    | Repair surface ship hull and mechanical systems  |
| E4                     | CORE                    | Repair surface ship masking systems  |
| E4                     | CORE                    | Repair surface ship propulsion and steering systems  |
| E4                     | CORE                    | Repair surface ship sensor systems   |
| E4                     | NON-CORE                | Repair underwater facilities (e.g., caisson door, degaussing range, electrical cables, etc.)           |
| E6                     | CORE                    | Supervise cofferdam installations  |
| E6                     | CORE                    | Supervise enclosed-space diving waterborne repairs   |
| E6                     | CORE                    | Supervise hull inspections   |
| E6                     | CORE                    | Supervise hull repairs   |
| E6                     | CORE                    | Supervise repair of hull penetrations  |
| E6                     | CORE                    | Supervise running gear repairs   |
| E6                     | CORE                    | Supervise submarine ship propulsion and steering system repairs  |
| E6                     | NON-CORE                | Supervise underwater facilities repairs (e.g. caisson door, degaussing range, electrical cables, etc.) |
| E6                     | CORE                    | Supervise underwater ship repairs  |
| E6                     | CORE                    | Supervise underwater submarine repairs   |
| E6                     | CORE                    | Supervise waterborne dry dock operations   |

**Job Title****Master Diver****Job Code****001110****Job Family**

Installation, Maintenance, and Repair

**NOC**

TBD

**Short Title (30 Characters)**

MASTER DIVER

**Short Title (14 Characters)**

MASTER DVR

**Pay Plan**

Enlisted

**Career Field**

ND

**Other Relationships and Rules**

NEC MMDV or other NECs as assigned

**Job Description**

Master Divers are experts in all operational and emergency procedures involving diving and salvage; possess a thorough knowledge of mixing and analysis of gases, computation of diver gas requirements and consumptions, salvage theory and methods, submarine rescue operations, towing, and underwater ship husbandry; manage preventive and corrective maintenance on diving equipment, support systems, salvage machinery, handling systems, and submarine rescue systems; manage and administer certification and quality assurance programs on diving systems and equipment to include Research, Deployment, Test, and Evaluation (RDT&E); and are responsible for all training and readiness assessments of the diving force.

**DoD Relationship**Group Title

Divers

DoD Code

143300

**O\*NET Relationship**Occupation Title

Commercial Divers

SOC Code

49-9092.00

Job Family

Installation, Maintenance, and Repair

**Skills***Operation and Control**Judgment and Decision Making**Critical Thinking**Management of Personnel Resources**Monitoring**Coordination**Quality Control Analysis**Equipment Selection**Operation Monitoring**Repairing***Abilities***Information Ordering**Problem Sensitivity**Inductive Reasoning**Oral Expression**Written Comprehension**Deductive Reasoning**Spatial Orientation**Multi-limb Coordination**Control Precision**Stamina***HUMAN PERFORMANCE****Paygrade****Task Type****Task Statements**

E6

CORE

Assess individual/team wellness and resiliency plans

E4

CORE

Conduct combat simulation training

E4

CORE

Conduct endurance training

E4

CORE

Conduct load planning

E4

CORE

Conduct nutrition training

E4

CORE

Conduct physical therapy/rehabilitation training

E4

CORE

Conduct strength training

E4

CORE

Establish wellness and resiliency plans (e.g., operational stress, mental/behavioral health, etc.)

E4

CORE

Implement wellness and resiliency measures (e.g., mind, body, etc.)

E4

CORE

Maintain individual wellness and resilience

E6

CORE

Manage physical conditioning training

E5

CORE

Plan physical conditioning training

E5

CORE

Supervise physical conditioning training

**CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS****Paygrade****Task Type****Task Statements**

E4

CORE

Conduct surface communications

E4

CORE

Employ electrical diving equipment

## CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E4              | CORE             | Employ electronic diving equipment   |
| E4              | CORE             | Employ hydraulic equipment   |
| E4              | CORE             | Employ pneumatic tools   |
| E4              | CORE             | Perform Diving Weight Handling Systems (DWHS) operations                               |
| E4              | CORE             | Perform underwater cutting   |
| E4              | CORE             | Perform underwater recording operations (e.g., audiovisual equipment, borescope, etc.) |
| E4              | CORE             | Perform underwater welding operations  |
| E6              | CORE             | Supervise underwater cutting operations  |
| E6              | CORE             | Supervise underwater welding operations  |

## DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E5              | CORE             | Approve diving administrative documentation   |
| E5              | CORE             | Brief diving jobs   |
| E6              | CORE             | Brief diving missions   |
| E5              | CORE             | Conduct diving assessments and inspections (e.g. safety survey checklists, supervisor drills, etc.) |
| E5              | CORE             | Draft diving administration documentation   |
| E5              | CORE             | Maintain diving administrative records  |
| E7              | CORE             | Manage financial resources for Divers' Life Support Systems (DLSS) equipment                        |
| E4              | CORE             | Perform Diver Life Support Systems (DLSS) re-entry control procedures                               |
| E4              | CORE             | Prepare diving resources and requirements (e.g., equipment, paperwork, etc.)                        |
| E7              | CORE             | Supervise diving assessments and inspections  |
| E4              | CORE             | Validate diver-related blueprints   |

## DIVING AND SALVAGE MANAGEMENT

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>                                    |
|-----------------|------------------|---|
| E5              | CORE             | Coordinate repairs with ships' schedules                  |
| E7              | CORE             | Manage Controlled Work Procedures (CWP)                   |
| E7              | CORE             | Manage dive site surveys                                  |
| E7              | CORE             | Manage diving safety programs                             |
| E6              | CORE             | Manage diving systems certifications                      |
| E6              | CORE             | Manage equipment loadouts                                 |
| E6              | CORE             | Manage Formal Work Procedures (FWP)                       |
| E7              | NON-CORE         | Manage Hazardous Material (HAZMAT) certification programs |
| E7              | CORE             | Manage Navy diving programs                               |
| E6              | CORE             | Plan ship repair operations                               |
| E6              | CORE             | Plan submarine repair operations                          |
| E6              | CORE             | Supervise Radiological Control (RADCON) procedures        |
| E6              | CORE             | Supervise salvage operations                              |
| E7              | CORE             | Supervise saturation diving operations                    |

### **DIVING MEDICINE AND RECOMPRESSION CHAMBER OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>   |
|------------------------|-------------------------|---|
| E6                     | CORE                    | Administer advanced diving and altitude Decompression Sickness (DCS) treatment        |
| E4                     | CORE                    | Administer basic diving and altitude Decompression Sickness (DCS) treatment           |
| E4                     | CORE                    | Administer basic first aid  |
| E4                     | CORE                    | Align recompression chamber systems   |
| E5                     | CORE                    | Conduct manned testing  |
| E5                     | CORE                    | Conduct unmanned testing  |
| E4                     | CORE                    | Employ hyperbaric chamber support equipment   |
| E5                     | CORE                    | Evaluate patients before, during, and after hyperbaric treatments                     |
| E6                     | CORE                    | Manage treatment of diving and aviation Decompression Sickness (DCS) related injuries |
| E6                     | CORE                    | Supervise hyperbaric recompression chamber operations                                 |

### **DIVING OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E5                     | CORE                    | Assess saturation diving life support system operations  |
| E4                     | CORE                    | Conduct aviation egress survival training  |
| E4                     | CORE                    | Conduct submarine egress survival training   |
| E4                     | CORE                    | Conduct submarine rescue operations  |
| E4                     | CORE                    | Conduct underwater communications  |
| E7                     | CORE                    | Coordinate joint diving operations with governmental agencies and international militaries   |
| E7                     | CORE                    | Direct saturation diving operations  |
| E4                     | CORE                    | Employ air Surface-Supplied Diving Systems (SSDS)  |
| E5                     | NON-CORE                | Employ atmospheric diving systems (Pressurized Rescue Module (PRM), Submarine Rescue Chamber (SRC), and Atmospheric Diving Systems Suit (ADS)) |
| E4                     | CORE                    | Employ Diver Life Support Equipment (DLSE)   |
| E4                     | CORE                    | Employ Gas Transfer Systems (GTS)  |
| E5                     | CORE                    | Employ mixed-gas Surface-Supplied Diving Systems (SSDS)  |
| E5                     | CORE                    | Employ navigation equipment  |
| E5                     | CORE                    | Maintain saturation diving life support systems  |
| E4                     | CORE                    | Navigate small boats   |
| E4                     | CORE                    | Perform closed and semi-closed circuit Underwater Breathing Apparatus (UBA) dives  |
| E4                     | CORE                    | Perform contaminated and cold water diving operations  |
| E4                     | CORE                    | Perform diving operations with Navy Dive Computers (NDC)   |
| E5                     | CORE                    | Perform maintenance on certified diving systems and Underwater Breathing Apparatuses (UBA)   |
| E4                     | CORE                    | Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives   |
| E5                     | CORE                    | Perform saturation dives   |
| E4                     | CORE                    | Perform surface-supplied diving operations   |
| E4                     | CORE                    | Perform swift water diving operations  |
| E4                     | CORE                    | Perform Variable Volume Dry Suit (VVDS) diving operations  |

### **DIVING OPERATIONS (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E7                     | CORE                    | Plan aviation egress survival training   |
| E7                     | CORE                    | Plan submarine egress survival training  |
| E7                     | CORE                    | Plan submarine rescue operations   |
| E6                     | CORE                    | Supervise air surface-supplied dives   |
| E6                     | NON-CORE                | Supervise atmospheric diving system operations (e.g. Pressurized Rescue Module (PRM), Submarine Rescue Chamber (SRC), Atmospheric Diving Systems Suit (ADS), etc.) |
| E6                     | NON-CORE                | Supervise aviation egress survival training  |
| E6                     | CORE                    | Supervise closed and semi-closed circuit Underwater Breathing Apparatus (UBA) dives  |
| E6                     | NON-CORE                | Supervise manned and unmanned testing of Diver's Life Support Systems (DLSS) (i.e. Research Development Testing and Evaluation (RDT&E))                            |
| E6                     | CORE                    | Supervise mixed-gas surface-supplied dives   |
| E6                     | CORE                    | Supervise open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives   |
| E5                     | CORE                    | Supervise small boat operations  |
| E6                     | NON-CORE                | Supervise submarine egress survival training   |
| E7                     | CORE                    | Supervise submarine rescue operations  |
| E6                     | CORE                    | Supervise underwater searches  |

### **EXPEDITIONARY OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>                    |
|------------------------|-------------------------|--|
| E4                     | NON-CORE                | Administer combat life-saving medical treatments |
| E5                     | NON-CORE                | Conduct crew served weapons training             |
| E6                     | NON-CORE                | Conduct dismounted tactical movements            |
| E4                     | CORE                    | Conduct land navigation                          |
| E4                     | NON-CORE                | Conduct strike mounted tactical movements        |
| E4                     | CORE                    | Conduct tactical communications                  |
| E4                     | NON-CORE                | Maintain crew served weapons                     |
| E4                     | NON-CORE                | Maintain small arms                              |
| E4                     | NON-CORE                | Perform advanced small arms techniques           |
| E6                     | NON-CORE                | Plan mounted movements                           |
| E6                     | NON-CORE                | Supervise employment of small arms               |

### **SALVAGE OPERATIONS**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>   |
|------------------------|-------------------------|---|
| E4                     | CORE                    | Perform mooring/Dynamic Positioning (DP) operations                       |
| E4                     | CORE                    | Conduct salvage surveys   |
| E4                     | CORE                    | Maintain salvage equipment  |
| E4                     | CORE                    | Perform rigging operations (e.g., towing, heavy lifting, etc.)            |
| E4                     | CORE                    | Perform salvage operations  |
| E6                     | CORE                    | Supervise mooring/Dynamic Positioning (DP) operations                     |
| E6                     | CORE                    | Supervise rigging equipment operations (e.g. towing, heavy lifting, etc.) |
| E6                     | CORE                    | Supervise salvage equipment operations                                    |

### SPECIAL WARFARE OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>                      |
|-----------------|------------------|---|
| E7              | CORE             | Manage Dry Deck Shelter (DDS) operations    |
| E6              | CORE             | Manage Lock Out Chamber (LOC) operations    |
| E6              | CORE             | Manage Lock Out Trunk (LOT) operations      |
| E4              | CORE             | Perform Dry Deck Shelter (DDS) operations   |
| E4              | CORE             | Perform Lock Out Chamber (LOC) operations   |
| E4              | CORE             | Perform Lock Out Trunk (LOT) operations     |
| E6              | CORE             | Supervise Dry Deck Shelter (DDS) operations |
| E7              | CORE             | Supervise Lock Out Chamber (LOC) operations |
| E7              | CORE             | Supervise Lock Out Trunk (LOT) operations   |

### UNDERWATER SEARCH AND RECOVERY AND DEMOLITION OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>   |
|-----------------|------------------|--|
| E7              | NON-CORE         | Manage Arms, Ammunition, and Explosives (AA&E) programs  |
| E4              | CORE             | Perform demolition evolutions  |
| E4              | CORE             | Perform ordnance searches (e.g., Antiterrorism Force Protection (ATFP), Mine Exercise (MineX), etc.) |
| E5              | CORE             | Perform Remote Operation Vehicle (ROV) operations  |
| E5              | CORE             | Perform side scan sonar searches   |
| E4              | CORE             | Perform underwater recovery of light items (e.g., ordnance, bodies, weapons, equipment, etc.)        |
| E4              | CORE             | Perform underwater searches  |
| E4              | CORE             | Perform underwater sound transmitter receiver operations   |
| E4              | NON-CORE         | Store demolition materials   |
| E6              | CORE             | Supervise demolition operations  |
| E6              | CORE             | Supervise underwater recovery of light items (e.g. ordnance, bodies, weapons, equipment, etc.)       |
| E4              | NON-CORE         | Transport Arms, Ammunition and Explosives (AA&E)   |

### UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u>  |
|-----------------|------------------|---|
| E4              | CORE             | Conduct Battle Damage Assessment (BDA)                        |
| E4              | CORE             | Conduct Radiological Control (RADCON)                         |
| E4              | CORE             | Inspect drydocking  |
| E4              | CORE             | Inspect submarine underwater hulls                            |
| E4              | CORE             | Inspect surface ship underwater hulls                         |
| E4              | CORE             | Install cofferdams (submarine and surface ship)               |
| E7              | CORE             | Manage ship and submarine repairs                             |
| E7              | CORE             | Manage underwater repair facilities                           |
| E4              | CORE             | Repair cranes and rigging                                     |
| E4              | CORE             | Repair enclosed-space components (submarine and surface ship) |
| E4              | CORE             | Repair hull penetrations                                      |
| E4              | CORE             | Repair submarine hull and mechanical systems                  |

**UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR (CONT'D)**

| <b><u>Paygrade</u></b> | <b><u>Task Type</u></b> | <b><u>Task Statements</u></b>  |
|------------------------|-------------------------|--|
| E4                     | CORE                    | Repair submarine propulsion and steering systems   |
| E4                     | CORE                    | Repair submarine sensor systems  |
| E4                     | CORE                    | Repair submarine weapon systems  |
| E4                     | CORE                    | Repair surface ship hull and mechanical systems  |
| E4                     | CORE                    | Repair surface ship masking systems  |
| E4                     | CORE                    | Repair surface ship propulsion and steering systems  |
| E4                     | CORE                    | Repair surface ship sensor systems   |
| E4                     | NON-CORE                | Repair underwater facilities (e.g., caisson door, degaussing range, electrical cables, etc.)           |
| E6                     | CORE                    | Supervise cofferdam installations  |
| E6                     | CORE                    | Supervise enclosed-space diving waterborne repairs   |
| E6                     | CORE                    | Supervise hull inspections   |
| E6                     | CORE                    | Supervise hull repairs   |
| E6                     | CORE                    | Supervise repair of hull penetrations  |
| E6                     | CORE                    | Supervise running gear repairs   |
| E6                     | CORE                    | Supervise submarine ship propulsion and steering system repairs  |
| E6                     | NON-CORE                | Supervise underwater facilities repairs (e.g. caisson door, degaussing range, electrical cables, etc.) |
| E6                     | CORE                    | Supervise underwater ship repairs  |
| E6                     | CORE                    | Supervise underwater submarine repairs   |
| E6                     | CORE                    | Supervise waterborne dry dock operations   |