

# CHAPTER 44



## NAVY DIVER (ND)

NAVPERS 18068-44

CH-37

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NAVY ENLISTED OCCUPATIONAL STANDARDS

FOR

NAVY DIVER (ND)



SCOPE OF RATING

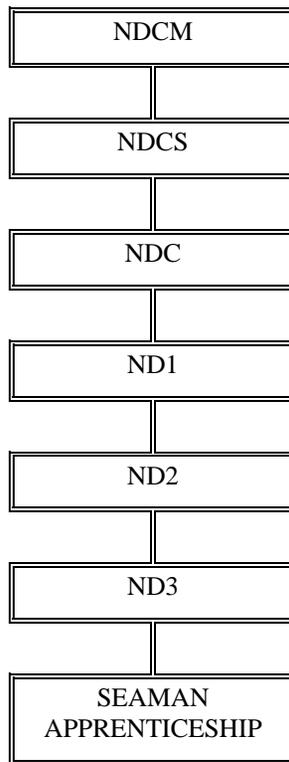
Navy Divers (ND) perform underwater salvage, recovery, repair, and maintenance on ships and submarines; search for and recover downed aircraft; conduct harbor clearance operations; provide assistance to military, federal, state, and local civilian law enforcement agencies in diving operations and procedures; 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 and 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.

### SPECIAL PHYSICAL REQUIREMENTS

Applicants must meet medical standards as specified in NAVMED P-117, Article 15-102, Diving Duty. Normal color perception and vision 20/100 correctable in each eye to 20/20 (refer to Chapter 15 of the Manual of the Medical Department, U.S. Navy for details on these requirements).

### CITIZENSHIP/SECURITY REQUIREMENTS

Must have U.S. citizenship and must be eligible for access to classified information.

### OTHER REQUIREMENTS

History of drug abuse is disqualifying.

### **SAFETY**

**The observance of 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**

4900-9092.00

**Short Title (30 Characters)**

SECOND CLASS DIVER

**Short Title (10 Characters)**

SND DIVER

**Pay Plan**

Enlisted

**Career Field**

ND

**Proficiency Level**

A/J

**Other Relationships and Rules:**

5343

**Job Description**

Second Class Divers perform diving jobs such as applying patches, clearing ship propellers, and underwater cutting and welding. Test, repair, and adjust all diving equipment. Dress and tend divers. Know the laws of diving physics. Have the ability to recognize symptoms of diving accidents and decompression sickness and are able to assist in treatment. Perform underwater work such as taking measurements, making templates and fittings, placing shores, pouring cement, using excavating nozzles, and removing and repairing ships appendages.

**DoD Relationship**Title and Group:Divers  
143Code and Area:143300  
14**O\*NET Relationship**Title and SOC Code:Commercial Divers  
49-9092.00Name and Family Code:Installation, Maintenance, and Repair  
49**CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E4	CORE	Operate electrical diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate electronic diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate hydraulic equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Multi-limb Coordination</i> <i>Static Strength</i>
E4	CORE	Operate Material Weight Handling Equipment (MWHE)	<i>Equipment Maintenance</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Arm-Hand Steadiness</i>
E4	CORE	Operate pneumatic tools	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate surface communications equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Comprehension</i> <i>Oral Expression</i>
E4	CORE	Operate underwater audio-visual equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Near Vision</i>
E4	CORE	Operate underwater cutting equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate underwater welding equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>

**DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E5	CORE	Approve diving administrative documentation	<i>Reading Comprehension</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Deductive Reasoning</i>
E5	CORE	Identify diving resource requirements	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Written Comprehension</i>

E5	CORE	Interpret diver-related blueprints	<i>Critical Thinking</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Information Ordering</i>
E4	CORE	Maintain diving administrative records	<i>Reading Comprehension</i> <i>Writing</i>	<i>Category Flexibility</i> <i>Written Comprehension</i>
E4	CORE	Perform Diver Life Support Systems (DLSS) re-entry control procedures	<i>Critical Thinking</i> <i>Quality Control Analysis</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>

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

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Administer basic diving medicine	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Selective Attention</i>
E4	CORE	Employ first aid kits	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E5	CORE	Monitor patients after hyperbaric treatments	<i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E5	CORE	Monitor patients during hyperbaric treatments	<i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Operate hyperbaric chamber support equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate hyperbaric recompression chambers	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate medical equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E5	CORE	Perform medical reviews of patients	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Visualization</i>
E6	CORE	Supervise treatment of diving-related injuries	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### **DIVING OPERATIONS**

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct maintenance on diving equipment	<i>Equipment Maintenance</i> <i>Repairing</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>
E4	CORE	Operate air Surface Supplied Diving Systems (SSDS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>
E4	CORE	Operate Diver Life Support Systems (DLSS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>
E4	CORE	Operate Gas Transfer Systems (GTS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>

E4	CORE	Operate small boats	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Far Vision</i>
E4	CORE	Operate underwater communications equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Oral Comprehension</i>
E4	CORE	Operate underwater sound transmitter receivers	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Hearing Sensitivity</i> <i>Auditory Attention</i>
E4	CORE	Perform closed-circuit Underwater Breathing Apparatus (UBA) dives	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Multi-limb Coordination</i> <i>Dynamic Strength</i>
E4	CORE	Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E5	CORE	Perform saturation dives	<i>Judgment and Decision Making</i> <i>Social Perceptiveness</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Perform surface-supplied diving operations	<i>Monitoring</i> <i>Operation and Control</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>

### SALVAGE OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct salvage surveys	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>
E4	CORE	Operate mooring equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Spatial Orientation</i> <i>Gross Body Coordination</i>
E4	CORE	Operate rigging equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate salvage equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>

### SPECIAL WARFARE OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Identify Dry Deck Shelter (DDS) components	<i>Equipment Selection</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>
E4	CORE	Identify Dry Deck Shelter (DDS) functions	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>

### UNDERWATER SEARCH AND RECOVERY AND DEMOLITION OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct ordnance searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct underwater recoveries	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Spatial Orientation</i> <i>Manual Dexterity</i>

E4	CORE	Conduct underwater searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Handle demolition materials	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Arm-Hand Steadiness</i> <i>Finger Dexterity</i>

**UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR**

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct submarine underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct surface ship underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>
E4	CORE	Repair submarine hull and mechanical systems	<i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine propulsion and steering systems	<i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine sensor systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine weapon systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship hull and mechanical systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship masking systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship propulsion and steering systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship sensor systems	<i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>

**Job Title****First Class Diver****Job Code****001105****Job Family**

Installation, Maintenance, and Repair

**NOC**

4900-9092.00

**Short Title (30 Characters)**

FIRST CLASS DIVER

**Short Title (10 Characters)**

FST DIVER

**Pay Plan**

Enlisted

**Career Field**

ND

**Proficiency Level**

J/M

**Other Relationships and Rules:**

5342

**Job Description**

First Class Divers use underwater demolitions for cutting, pushing, and freeing submerged objects. Operate and maintain submarine rescue chambers. Ensure that proper logs and reports are maintained and submitted as required. Maintain proficiency in operation of Navy approved underwater breathing equipment, support systems, and recompression chambers as well as in the diagnosis and treatment of diving injuries and illnesses, particularly those requiring recompression therapy. Maintain, test, repair, and adjust diving equipment. Assist in planning diving operations. Maintain qualification to dive using surface-supplied mixed-gas (HeO2) and all approved air diving apparatuses. Perform salvage and rescue operations using underwater tools. Supervise diving operations as designated by Commanding Officer.

**DoD Relationship***Title and Group:*Divers  
143*Code and Area:*143300  
14**O\*NET Relationship***Title and SOC Code:*Commercial Divers  
49-9092.00*Name and Family Code:*Installation, Maintenance, and Repair  
49**CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E4	CORE	Operate electrical diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate electronic diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate hydraulic equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Multi-limb Coordination</i> <i>Static Strength</i>
E4	CORE	Operate Material Weight Handling Equipment (MWHE)	<i>Equipment Maintenance</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Arm-Hand Steadiness</i>
E4	CORE	Operate pneumatic tools	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate surface communications equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Comprehension</i> <i>Oral Expression</i>
E4	CORE	Operate underwater audio-visual equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Near Vision</i>
E4	CORE	Operate underwater cutting equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate underwater welding equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E6	CORE	Supervise underwater cutting operations	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater welding operations	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

## DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Approve diving administrative documentation	<i>Reading Comprehension</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Deductive Reasoning</i>
E6	CORE	Conduct diving assessments	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Oral Comprehension</i> <i>Inductive Reasoning</i>
E5	CORE	Conduct diving mission information briefs	<i>Management of Personnel Resources</i> <i>Speaking</i>	<i>Oral Expression</i> <i>Speech Clarity</i>
E5	CORE	Identify diving resource requirements	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Written Comprehension</i>
E5	CORE	Interpret diver-related blueprints	<i>Critical Thinking</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Information Ordering</i>
E4	CORE	Maintain diving administrative records	<i>Reading Comprehension</i> <i>Writing</i>	<i>Category Flexibility</i> <i>Written Comprehension</i>
E7	CORE	Manage financial resources	<i>Management of Financial Resources</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Mathematical Reasoning</i>
E7	CORE	Manage manpower resources	<i>Management of Personnel Resources</i> <i>Negotiation</i>	<i>Oral Expression</i> <i>Inductive Reasoning</i>
E4	CORE	Perform Diver Life Support Systems (DLSS) re-entry control procedures	<i>Critical Thinking</i> <i>Quality Control Analysis</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>
E7	CORE	Perform joint diving operations with governmental agencies	<i>Coordination</i> <i>Operation and Control</i>	<i>Speech Clarity</i> <i>Oral Comprehension</i>
E7	CORE	Perform joint diving operations with international militaries	<i>Coordination</i> <i>Operation and Control</i>	<i>Speech Clarity</i> <i>Oral Comprehension</i>

## DIVING AND SALVAGE MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Coordinate repairs with ships' schedules	<i>Coordination</i> <i>Critical Thinking</i>	<i>Deductive Reasoning</i> <i>Information Ordering</i>
E6	CORE	Maintain diving systems certifications	<i>Management of Material Resources</i> <i>Quality Control Analysis</i>	<i>Written Comprehension</i> <i>Category Flexibility</i>
E7	CORE	Manage Controlled Work Procedures (CWP)	<i>Management of Material Resources</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Deductive Reasoning</i>
E7	CORE	Manage dive site surveys	<i>Equipment Selection</i> <i>Management of Personnel Resources</i>	<i>Memorization</i> <i>Oral Comprehension</i>
E7	CORE	Manage diving safety programs	<i>Instructing</i> <i>Monitoring</i>	<i>Oral Expression</i> <i>Written Comprehension</i>

E7	CORE	Manage equipment loadouts	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Inductive Reasoning</i> <i>Written Comprehension</i>
E7	CORE	Manage Formal Work Procedures (FWP)	<i>Judgment and Decision Making</i> <i>Writing</i>	<i>Written Expression</i> <i>Inductive Reasoning</i>
E7	CORE	Manage Hazardous Material (HAZMAT) certification programs	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Memorization</i> <i>Deductive Reasoning</i>
E7	CORE	Manage Navy diving programs	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E7	CORE	Manage underwater repair facilities	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Oral Expression</i>
E7	CORE	Plan ship repair operations	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Deductive Reasoning</i>
E7	CORE	Plan submarine repair operations	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Deductive Reasoning</i>
E7	CORE	Supervise diving assessments	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise diving inspections	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise Radiological Control (RADCON) procedures	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise salvage operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise saturation diving operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

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

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E6	CORE	Administer advanced diving medicine	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Administer basic diving medicine	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Selective Attention</i>
E5	CORE	Conduct manned and unmanned testing	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Control Precision</i> <i>Deductive Reasoning</i>
E4	CORE	Employ first aid kits	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E5	CORE	Monitor patients after hyperbaric treatments	<i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>

E5	CORE	Monitor patients during hyperbaric treatments <i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Operate hyperbaric chamber support equipment <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate hyperbaric recompression chambers <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate medical equipment <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E5	CORE	Perform medical reviews of patients <i>Critical Thinking</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Visualization</i>
E6	CORE	Supervise hyperbaric recompression chamber operations <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### **DIVING OPERATIONS**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Conduct maintenance on diving equipment <i>Equipment Maintenance</i> <i>Repairing</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>	
E7	CORE	Direct saturation diving operations <i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Response Orientation</i> <i>Information Ordering</i>	
E4	CORE	Operate air Surface Supplied Diving Systems (SSDS) <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>	
E4	CORE	Operate Diver Life Support Systems (DLSS) <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>	
E4	CORE	Operate Gas Transfer Systems (GTS) <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>	
E5	CORE	Operate mixed-gas Surface Supplied Diving System (SSDS) <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Problem Sensitivity</i> <i>Manual Dexterity</i>	
E5	CORE	Operate navigation equipment <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Spatial Orientation</i> <i>Finger Dexterity</i>	
E4	CORE	Operate small boats <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Far Vision</i>	
E4	CORE	Operate underwater communications equipment <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Oral Comprehension</i>	
E4	CORE	Operate underwater sound transmitter receivers <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Hearing Sensitivity</i> <i>Auditory Attention</i>	
E4	CORE	Perform closed-circuit Underwater Breathing Apparatus (UBA) dives <i>Critical Thinking</i> <i>Operation and Control</i>	<i>Multi-limb Coordination</i> <i>Dynamic Strength</i>	

E4	CORE	Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E5	CORE	Perform saturation dives	<i>Judgment and Decision Making</i> <i>Social Perceptiveness</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Perform surface-supplied diving operations	<i>Monitoring</i> <i>Operation and Control</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E6	CORE	Supervise air surface-supplied dives	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise closed-circuit Underwater Breathing Apparatus (UBA) dives	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise manned and unmanned testing	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise mixed-gas surface-supplied dives	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E5	CORE	Supervise small boat operations	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater searches	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### **SALVAGE OPERATIONS**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Conduct salvage surveys	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>
E4	CORE	Operate mooring equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Spatial Orientation</i> <i>Gross Body Coordination</i>
E4	CORE	Operate rigging equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate salvage equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E6	CORE	Supervise mooring operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise rigging equipment operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise salvage equipment operations	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

E6	CORE	Supervise underwater recoveries <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
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### **SPECIAL WARFARE OPERATIONS**

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Conduct diving inspections	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Oral Comprehension</i> <i>Inductive Reasoning</i>
E4	CORE	Identify Dry Deck Shelter (DDS) components	<i>Equipment Selection</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>
E4	CORE	Identify Dry Deck Shelter (DDS) functions	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>

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

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct ordnance searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct underwater recoveries	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Spatial Orientation</i> <i>Manual Dexterity</i>
E4	CORE	Conduct underwater searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Handle demolition materials	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Arm-Hand Steadiness</i> <i>Finger Dexterity</i>
E7	CORE	Manage Arms, Ammunition, and Explosives (AA&E) programs	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Oral Comprehension</i> <i>Written Comprehension</i>
E6	CORE	Supervise demolition operations	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Memorization</i> <i>Inductive Reasoning</i>

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

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct submarine underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct surface ship underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>
E7	CORE	Manage ship and submarine repairs	<i>Coordination</i> <i>Critical Thinking</i>	<i>Oral Expression</i> <i>Written Comprehension</i>
E4	CORE	Repair submarine hull and mechanical systems	<i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine propulsion and steering systems	<i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>

E4	CORE	Repair submarine sensor systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine weapon systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship hull and mechanical systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship masking systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship propulsion and steering systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship sensor systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E6	CORE	Supervise cofferdam installations <i>Management of Material Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise enclosed-space diving waterborne repairs <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise hull inspections <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise hull repairs <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise repairs of hull penetrations <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise running gear repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise running gear replacements <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater ship repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater submarine repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise waterborne dry dock operations <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

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

Installation, Maintenance, and Repair

**NOC**

4900-9092.00

**Short Title (30 Characters)**

MASTER DIVER

**Short Title (10 Characters)**

MST DIVER

**Pay Plan**

Enlisted

**Career Field**

ND

**Proficiency Level**

J/M

**Other Relationships and Rules:**

5341

**Job Description**

Master Divers are the 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). Responsible for all training and readiness assessments of the diving force.

**DoD Relationship***Title and Group:*Divers  
143*Code and Area:*143300  
14**O\*NET Relationship***Title and SOC Code:*Commercial Divers  
49-9092.00*Name and Family Code:*Installation, Maintenance, and Repair  
49**CUTTING, WELDING AND ANCILLARY EQUIPMENT OPERATIONS**

<b>Paygrade</b>	<b>Task Type</b>	<b>Task Statements</b>	<b>Skills</b>	<b>Abilities</b>
E4	CORE	Operate electrical diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate electronic diving equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E4	CORE	Operate hydraulic equipment	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Multi-limb Coordination</i> <i>Static Strength</i>
E4	CORE	Operate Material Weight Handling Equipment (MWHE)	<i>Equipment Maintenance</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Arm-Hand Steadiness</i>
E4	CORE	Operate pneumatic tools	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate surface communications equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Comprehension</i> <i>Oral Expression</i>
E4	CORE	Operate underwater audio-visual equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Near Vision</i>
E4	CORE	Operate underwater cutting equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate underwater welding equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E6	CORE	Supervise underwater cutting operations	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater welding operations	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

## DIVING ADMINISTRATION, RESOURCES, RELATIONS AND MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Approve diving administrative documentation	<i>Reading Comprehension</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Deductive Reasoning</i>
E6	CORE	Conduct diving assessments	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Oral Comprehension</i> <i>Inductive Reasoning</i>
E5	CORE	Conduct diving mission information briefs	<i>Management of Personnel Resources</i> <i>Speaking</i>	<i>Oral Expression</i> <i>Speech Clarity</i>
E5	CORE	Identify diving resource requirements	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Written Comprehension</i>
E5	CORE	Interpret diver-related blueprints	<i>Critical Thinking</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Information Ordering</i>
E4	CORE	Maintain diving administrative records	<i>Reading Comprehension</i> <i>Writing</i>	<i>Category Flexibility</i> <i>Written Comprehension</i>
E7	CORE	Manage financial resources	<i>Management of Financial Resources</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Mathematical Reasoning</i>
E7	CORE	Manage manpower resources	<i>Management of Personnel Resources</i> <i>Negotiation</i>	<i>Oral Expression</i> <i>Inductive Reasoning</i>
E4	CORE	Perform Diver Life Support Systems (DLSS) re-entry control procedures	<i>Critical Thinking</i> <i>Quality Control Analysis</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>
E7	CORE	Perform joint diving operations with governmental agencies	<i>Coordination</i> <i>Operation and Control</i>	<i>Speech Clarity</i> <i>Oral Comprehension</i>
E7	CORE	Perform joint diving operations with international militaries	<i>Coordination</i> <i>Operation and Control</i>	<i>Speech Clarity</i> <i>Oral Comprehension</i>

## DIVING AND SALVAGE MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Coordinate repairs with ships' schedules	<i>Coordination</i> <i>Critical Thinking</i>	<i>Deductive Reasoning</i> <i>Information Ordering</i>
E6	CORE	Maintain diving systems certifications	<i>Management of Material Resources</i> <i>Quality Control Analysis</i>	<i>Written Comprehension</i> <i>Category Flexibility</i>
E7	CORE	Manage Controlled Work Procedures (CWP)	<i>Management of Material Resources</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Deductive Reasoning</i>
E7	CORE	Manage dive site surveys	<i>Equipment Selection</i> <i>Management of Personnel Resources</i>	<i>Memorization</i> <i>Oral Comprehension</i>
E7	CORE	Manage diving safety programs	<i>Instructing</i> <i>Monitoring</i>	<i>Oral Expression</i> <i>Written Comprehension</i>

E7	CORE	Manage equipment loadouts	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Inductive Reasoning</i> <i>Written Comprehension</i>
E7	CORE	Manage Formal Work Procedures (FWP)	<i>Judgment and Decision Making</i> <i>Writing</i>	<i>Written Expression</i> <i>Inductive Reasoning</i>
E7	CORE	Manage Hazardous Material (HAZMAT) certification programs	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Memorization</i> <i>Deductive Reasoning</i>
E7	CORE	Manage Navy diving programs	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E7	CORE	Manage underwater repair facilities	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Oral Expression</i>
E7	CORE	Plan ship repair operations	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Deductive Reasoning</i>
E7	CORE	Plan submarine repair operations	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Deductive Reasoning</i>
E7	CORE	Supervise diving assessments	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise diving inspections	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise Radiological Control (RADCON) procedures	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise salvage operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E7	CORE	Supervise saturation diving operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

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

<b><u>Pavgrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E6	CORE	Administer advanced diving medicine	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Administer basic diving medicine	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Selective Attention</i>
E5	CORE	Conduct manned and unmanned testing	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Control Precision</i> <i>Deductive Reasoning</i>
E4	CORE	Employ first aid kits	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E5	CORE	Monitor patients after hyperbaric treatments	<i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>

E5	CORE	Monitor patients during hyperbaric treatments <i>Active Listening</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Operate hyperbaric chamber support equipment <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate hyperbaric recompression chambers <i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Memorization</i>
E4	CORE	Operate medical equipment <i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Deductive Reasoning</i> <i>Manual Dexterity</i>
E5	CORE	Perform medical reviews of patients <i>Critical Thinking</i> <i>Monitoring</i>	<i>Deductive Reasoning</i> <i>Visualization</i>
E6	CORE	Supervise hyperbaric recompression chamber operations <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise treatment of diving-related injuries <i>Critical Thinking</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### DIVING OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct maintenance on diving equipment	<i>Equipment Maintenance</i> <i>Repairing</i>	<i>Finger Dexterity</i> <i>Manual Dexterity</i>
E7	CORE	Direct saturation diving operations	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Response Orientation</i> <i>Information Ordering</i>
E4	CORE	Operate air Surface-Supplied Diving Systems (SSDS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>
E4	CORE	Operate Diver Life Support Systems (DLSS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Memorization</i> <i>Time Sharing</i>
E4	CORE	Operate Gas Transfer Systems (GTS)	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E5	CORE	Operate mixed-gas Surface-Supplied Diving Systems (SSDS)	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Problem Sensitivity</i> <i>Manual Dexterity</i>
E5	CORE	Operate navigation equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Spatial Orientation</i> <i>Finger Dexterity</i>
E4	CORE	Operate small boats	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Far Vision</i>
E4	CORE	Operate underwater communications equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Oral Expression</i> <i>Oral Comprehension</i>
E4	CORE	Operate underwater sound transmitter receivers	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Hearing Sensitivity</i> <i>Auditory Attention</i>

E4	CORE	Perform closed-circuit Underwater Breathing Apparatus (UBA) dives	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Multi-limb Coordination</i> <i>Dynamic Strength</i>
E4	CORE	Perform open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E5	CORE	Perform saturation dives	<i>Judgment and Decision Making</i> <i>Social Perceptiveness</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Perform surface-supplied diving operations	<i>Monitoring</i> <i>Operation and Control</i>	<i>Stamina</i> <i>Multi-limb Coordination</i>
E6	CORE	Supervise air surface-supplied dives	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise closed-circuit Underwater Breathing Apparatus (UBA) dives	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise manned and unmanned testing	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise mixed-gas surface-supplied dives	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise open-circuit Self-Contained Underwater Breathing Apparatus (SCUBA) dives	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E5	CORE	Supervise small boat operations	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater searches	<i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### **SALVAGE OPERATIONS**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E4	CORE	Conduct salvage surveys	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Deductive Reasoning</i>
E4	CORE	Operate mooring equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Spatial Orientation</i> <i>Gross Body Coordination</i>
E4	CORE	Operate rigging equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E4	CORE	Operate salvage equipment	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Multi-limb Coordination</i> <i>Manual Dexterity</i>
E6	CORE	Supervise mooring operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise rigging equipment operations	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

E6	CORE	Supervise salvage equipment operations <i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater recoveries <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

### SPECIAL WARFARE OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Conduct diving inspections	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Oral Comprehension</i> <i>Inductive Reasoning</i>
E7	CORE	Conduct diving investigations	<i>Active Listening</i> <i>Critical Thinking</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Identify Dry Deck Shelter (DDS) components	<i>Equipment Selection</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>
E4	CORE	Identify Dry Deck Shelter (DDS) functions	<i>Critical Thinking</i> <i>Systems Analysis</i>	<i>Written Comprehension</i> <i>Memorization</i>
E7	CORE	Manage Diver Life Support Systems (DLSS) re-entry control procedures	<i>Management of Material Resources</i> <i>Quality Control Analysis</i>	<i>Near Vision</i> <i>Written Comprehension</i>

### UNDERWATER SEARCH AND RECOVERY AND DEMOLITION OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct ordnance searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct underwater recoveries	<i>Equipment Selection</i> <i>Judgment and Decision Making</i>	<i>Spatial Orientation</i> <i>Manual Dexterity</i>
E4	CORE	Conduct underwater searches	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Gross Body Coordination</i>
E4	CORE	Handle demolition materials	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Arm-Hand Steadiness</i> <i>Finger Dexterity</i>
E7	CORE	Manage Arms, Ammunition, and Explosives (AA&E) programs	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Oral Comprehension</i> <i>Written Comprehension</i>
E6	CORE	Supervise demolition operations	<i>Management of Personnel Resources</i> <i>Monitoring</i>	<i>Memorization</i> <i>Inductive Reasoning</i>

### UNDERWATER SHIP AND SUBMARINE MAINTENANCE AND REPAIR

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct submarine underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>
E4	CORE	Conduct surface ship underwater hull inspections	<i>Equipment Selection</i> <i>Monitoring</i>	<i>Information Ordering</i> <i>Gross Body Coordination</i>

E7	CORE	Manage ship and submarine repairs <i>Coordination</i> <i>Critical Thinking</i>	<i>Oral Expression</i> <i>Written Comprehension</i>
E4	CORE	Repair submarine hull and mechanical systems <i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine propulsion and steering systems <i>Management of Material Resources</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine sensor systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair submarine weapon systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship hull and mechanical systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship masking systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship propulsion and steering systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E4	CORE	Repair surface ship sensor systems <i>Quality Control Analysis</i> <i>Repairing</i>	<i>Gross Body Coordination</i> <i>Multi-limb Coordination</i>
E6	CORE	Supervise cofferdam installations <i>Management of Material Resources</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise enclosed-space diving waterborne repairs <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise hull inspections <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise hull repairs <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise repairs of hull penetrations <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise running gear repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise running gear replacements <i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater ship repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>
E6	CORE	Supervise underwater submarine repairs <i>Management of Personnel Resources</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Memorization</i>

E6

CORE

Supervise waterborne dry dock operations

*Management of Personnel Resources*

*Operation and Control*

*Inductive Reasoning*

*Memorization*