CHAPTER 59

OPERATIONS SPECIALIST
(OS)

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

OPERATIONS SPECIALIST (OS)

SCOPE OF RATING

<u>Operations Specialists (OS)</u> advise on shipboard warfare operations and navigation; maintain Combat Information Center (CIC)/Combat Direction Center (CDC) displays and provide strategic plotting for warfare areas, weapons control and navigation; operate surveillance radars, identification equipment, communications equipment, and associated Command and Control (C2) equipment; interpret and evaluate radar presentations and tactical situations and make recommendations to senior leadership; apply current procedures and doctrine to CIC/CDC operations as specified by Joint/Allied/U.S. Navy publications and instructions; and display and disseminate tactical information during Surface Warfare (SUW), Integrated Air and Missile Defense (IAMD), Undersea Warfare (USW), Amphibious Warfare (AMW), Mine Warfare (MIW), Littoral Warfare (LW), Naval Surface Fire Support (NSFS), and Search and Rescue (SAR) operations.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 59.

GENERAL INFORMATION

CAREER PATTERN

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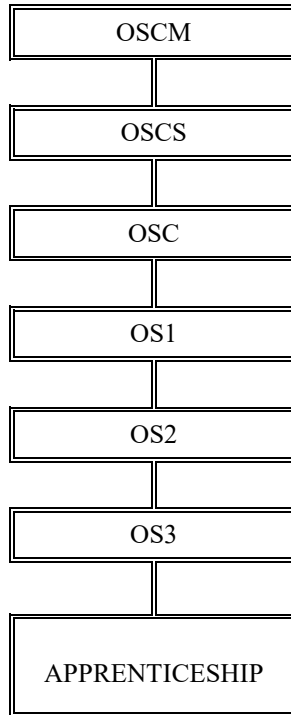
Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

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

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

Job Title
Combat Air Controller

Job Code
003738

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Military Specific	TBD	COMBAT AIR CONTROLLER	COM AIR CTRLR

Pay Plan	**Career Field**	**Other Relationships and Rules**
Enlisted	OS	NEC WXXX series and other NECs as assigned

Job Description

Combat Air Controllers control assigned aircraft in simple or multiple warfare environments by using radios, radars, and other means; control fixed-wing and/or rotary aircraft from land, carrier-based, or own ship's assets; provide safety of flight, passing of information, directions, and necessary assistance to aircraft in the event of emergencies; and utilize assigned aircraft as an extension of own ship's weapons.

DoD Relationship

O*NET Relationship

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Radar	122100	Command and Control Center Specialists	55-3015.00	Military Specific

Skills	**Abilities**
Critical Thinking	*Problem Sensitivity*
Judgment and Decision Making	*Information Ordering*
Coordination	*Inductive Reasoning*
Operation and Control	*Deductive Reasoning*
Monitoring	*Oral Expression*
Active Listening	*Written Comprehension*
Reading Comprehension	*Control Precision*
Speaking	*Written Expression*
Writing	*Time Sharing*
Management of Personnel Resources	*Auditory Attention*

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E7	CORE	Make battle group Amphibious Warfare (AMW) operation requirement recommendations
E7	CORE	Manage air assets for Amphibious Warfare (AMW) operations
E4	CORE	Report amphibious contacts
E4	CORE	Track amphibious contacts
E4	CORE	Update amphibious contact information
E5	CORE	Validate Amphibious Warfare (AMW) plots

COMMUNICATIONS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E7	CORE	Make operational and situational reports (e.g., Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E5	CORE	Manage communication plans
E4	CORE	Monitor Line of Sight (LOS) tactical networks and circuits
E4	CORE	Monitor Radio Frequency (RF) circuits

COMMUNICATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Perform external communications (i.e., ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Record tactical communications audio (i.e., internal and external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Adjust radar settings remotely
E4	CORE	Configure Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems for operations (i.e., watch, prosecution, and weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure network systems
E4	CORE	Configure radar automatic tracking features
E4	CORE	Configure radar repeaters
E5	CORE	Configure Tactical Air Navigation (TACAN) systems
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate system statuses (e.g., Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	CORE	Initialize radar repeaters
E4	CORE	Input data into electronic charting systems (e.g., navigational, geographical, emergent, etc.)
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Resolve contact identification conflicts
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

Paygrade	Task Type	Task Statements
E4	CORE	Analyze air contacts
E4	CORE	Analyze Air Defense (AD) intelligence data
E4	CORE	Assess air contact priorities
E4	CORE	Assign symbology to air contacts
E5	CORE	Authenticate Return to Force (RTF) procedures
E5	CORE	Classify air contacts
E7	CORE	Coordinate aircraft emergency situations
E4	CORE	Evaluate air contact information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD) (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Log air contact data
E4	CORE	Log space or ballistic contact data
E4	CORE	Maintain aeronautical charts and publications
E7	CORE	Manage engagement of air targets with anti-air weapons
E7	CORE	Manage shipboard Air Defense (AD) operations
E5	CORE	Plot Air Defense (AD) operations
E4	CORE	Provide intercept recommendations for air contacts
E4	CORE	Recommend air contact classifications
E4	CORE	Recommend air contact priorities
E7	CORE	Recommend Air Defense (AD) search and engagement plans and tactics
E4	CORE	Recommend space or ballistic contact classifications
E4	CORE	Report air contacts
E5	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	NON-CORE	Report controlled aircraft statuses
E5	CORE	Report Return to Force (RTF) assets
E4	CORE	Track air contacts
E4	CORE	Update air contact information
E5	NON-CORE	Update controlled aircraft statuses
E4	CORE	Validate air contact classifications
E6	CORE	Validate Air Defense (AD) plots
E6	CORE	Validate Ballistic Missile Defense (BMD) plots
E4	CORE	Validate space or ballistic contact classifications

NAVIGATION

Paygrade	Task Type	Task Statements
E4	CORE	Assess magnetic variations
E4	CORE	Correlate lookout information with radar presentations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) anchoring evolutions

SURFACE WARFARE (SUW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze surface contacts
E4	CORE	Analyze Surface Warfare (SUW) intelligence data
E4	CORE	Assess surface contact priorities
E4	CORE	Assign symbology to surface contacts
E4	CORE	Classify surface contacts
E4	CORE	Evaluate surface contact information
E4	CORE	Log surface contact data
E7	CORE	Manage engagement of surface targets with anti-surface weapons

SURFACE WARFARE (SUW) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Manage shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Provide intercept recommendations for surface contacts
E4	CORE	Recommend surface contact classifications
E4	CORE	Recommend surface contact priorities
E7	CORE	Recommend Surface Warfare (SUW) search and engagement plans and tactics
E4	CORE	Report surface contacts
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E4	CORE	Validate surface contact classifications
E5	CORE	Validate Surface Warfare (SUW) plots

TACTICAL SUPPORT OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Interpret operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Report environmental data
E6	CORE	Verify interpretations of operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Configure systems to Commanding Officer's (CO) battle orders
E5	CORE	Coordinate personnel qualification and certification programs
E5	CORE	Draft operational messages
E4	CORE	Interpret Naval messages
E4	CORE	Inventory Communications Security Material System (CMS) classified materials
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E7	CORE	Manage personnel qualification and certification programs
E4	CORE	Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E5	CORE	Supervise Emergency Action Plan (EAP) and Emergency Destruction Plan (EDP) actions
E6	CORE	Supervise personnel qualification and certification programs

UNDERSEA WARFARE (USW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze subsurface contacts
E4	NON-CORE	Analyze Undersea Warfare (USW) intelligence data
E4	CORE	Assign symbology to subsurface contacts
E5	CORE	Compute subsurface contact course and speed

UNDERSEA WARFARE (USW) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Evaluate subsurface contact acoustic information
E5	CORE	Evaluate subsurface contact information
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	NON-CORE	Identify subsurface contact Closest Point of Approach (CPA)
E4	CORE	Log subsurface contact data
E7	CORE	Manage engagement of subsurface targets with anti-submarine weapons
E4	CORE	Plot subsurface contacts
E4	CORE	Plot Water Space Management (WSM) areas
E4	CORE	Recommend subsurface contact classifications
E5	NON-CORE	Recommend Undersea Warfare (USW) search and attack plans and tactics
E4	CORE	Report subsurface contacts
E4	CORE	Track subsurface contacts
E4	CORE	Update subsurface contact information
E4	CORE	Validate subsurface contact classifications
E5	CORE	Validate Undersea Warfare (USW) plots
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze equipment and system status data
E4	CORE	Analyze threat weapons data
E5	CORE	Brief tactical, operational, and situational status reports
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Combat Information Centers (CIC)/Combat Direction Centers (CDC)
E4	CORE	Configure combat systems equipment
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure internal communications networks
E4	CORE	Configure operating modes of systems (i.e., training and normal operations)
E4	CORE	Configure radar systems
E7	CORE	Coordinate Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Coordinate combat systems watch teams

Paygrade	Task Type	Task Statements
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Derive requirements from Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E5	CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop watchstander briefs
E7	CORE	Direct execution of Warfare Commander's intentions
E4	CORE	Disseminate tactical information
E4	CORE	Document equipment and system status data
E4	CORE	Document magnetic variations
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E4	CORE	Input magnetic variations
E6	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Manage transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Report aircraft emergency situations
E7	CORE	Report assignment and engagement status of own ship's weapons systems
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E5	CORE	Supervise transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Transition Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards

Paygrade	Task Type	Task Statements
E5	CORE	Verify Emission Control (EMCON) status
E5	CORE	Verify systems configurations to Commanding Officer's (CO) battle orders

Job Title			Job Code
Navigation and Plotting Specialist			**003739**

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Military Specific	TBD	NAVIGATION AND PLOTTING SPEC	NAV PLOT SPEC

Pay Plan	**Career Field**	**Other Relationships and Rules**
Enlisted	OS	NEC WXXX series and other NECs as assigned

Job Description

Navigation and Plotting Specialists provide assistance to the Navigation Officer ensuring the safe navigation of the ship for inland and open ocean navigation; calculate and compute maneuvering boards for safe navigation around shipping and other maritime contacts; and maintain various displays and plots to include, but not limited to Search and Rescue (SAR) operations, Amphibious Warfare (AMW), Undersea Warfare (USW), Naval Surface Fire Support (NSFS), and Surface Warfare (SUW) plots, navigation, weather, and anchoring operations.

DoD Relationship   **O*NET Relationship**

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Radar	122100	Command and Control Center Specialists	55-3015.00	Military Specific

Skills   **Abilities**

Coordination	*Information Ordering*
Operation and Control	*Problem Sensitivity*
Writing	*Inductive Reasoning*
Judgment and Decision Making	*Flexibility of Closure*
Critical Thinking	*Written Comprehension*
Mathematics	*Control Precision*
Reading Comprehension	*Deductive Reasoning*
Active Listening	*Oral Expression*
Management of Personnel Resources	*Mathematical Reasoning*
Monitoring	*Time Sharing*

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	NON-CORE	Conduct amphibious vehicle control
E4	NON-CORE	Determine amphibious craft positions
E4	NON-CORE	Determine H-hour late/early statuses
E7	CORE	Manage ship-to-shore movements
E7	CORE	Plan Amphibious Warfare (AMW) operations
E4	CORE	Plot amphibious contacts
E4	NON-CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Plot amphibious vehicle positions
E4	CORE	Plot Amphibious Warfare (AMW) Operations
E4	NON-CORE	Recommend amphibious vehicle avoiding course vectors
E4	NON-CORE	Recommend vectors to meet H-hour
E4	NON-CORE	Report Amphibious Objective Area (AOA) traffic
E4	NON-CORE	Report H-hour late/early statuses
E4	NON-CORE	Report ship-to-shore movements
E5	NON-CORE	Supervise Amphibious Objective Area (AOA) plotting
E5	NON-CORE	Supervise ship-to-shore movements
E5	CORE	Validate Amphibious Warfare (AMW) plots

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E7	CORE	Make operational and situational reports (e.g., Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E5	CORE	Manage communication plans
E4	CORE	Monitor Line of Sight (LOS) tactical networks and circuits
E4	CORE	Monitor Radio Frequency (RF) circuits
E4	CORE	Perform external communications (i.e., ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Record tactical communications audio (i.e., internal and external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Adjust radar settings remotely
E4	CORE	Configure Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems for operations (i.e., watch, prosecution, and weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure navigation systems
E4	CORE	Configure network systems
E4	CORE	Configure radar automatic tracking features
E4	CORE	Configure radar repeaters
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate system statuses (e.g., Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	CORE	Initialize radar repeaters
E4	CORE	Input data into electronic charting systems (e.g., navigational, geographical, emergent, etc.)
E5	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve contact identification conflicts
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain aeronautical charts and publications
E5	CORE	Plot Air Defense (AD) operations
E4	CORE	Provide intercept recommendations for air contacts
E4	CORE	Recommend space or ballistic contact classifications
E4	CORE	Validate air contact classifications
E6	CORE	Validate Air Defense (AD) plots
E6	CORE	Validate Ballistic Missile Defense (BMD) plots
E4	CORE	Validate space or ballistic contact classifications

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Calculate Time on Targets (TOT)
E4	NON-CORE	Calculate Time to Targets (TTT)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) plot teams
E5	CORE	Plan Naval Surface Fire Support (NSFS) engagements
E4	NON-CORE	Plot Naval Surface Fire Support (NSFS) targets (e.g., grid method, polar method, geodetic, etc.)
E4	NON-CORE	Prepare Naval Surface Fire Support (NSFS) plots
E4	CORE	Report fire missions to control stations
E6	NON-CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

Paygrade	Task Type	Task Statements
E7	CORE	Approve navigation plots
E4	CORE	Assess course and speed made good
E4	CORE	Assess magnetic variations
E4	CORE	Calculate basic maneuvering board solutions (e.g., avoidance courses, Closest Point of Approach (CPA), course/speed, etc.)
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plans of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Calculate swing and drag circle radii
E4	CORE	Compare radar scope presentations with charts
E5	CORE	Compare ship plotted positions to secondary plots
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Develop gazetteers
E4	CORE	Maintain navigation chart inventories
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship advances and transfers

NAVIGATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Plot ship positions
E4	CORE	Plot ship tracks
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Provide collision avoidance recommendations
E5	CORE	Recommend courses and speeds in support of tactical operations
E4	CORE	Report aids and hazards to navigation
E4	CORE	Report gyrocompass errors
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) anchoring evolutions
E6	CORE	Supervise navigation teams during special evolutions (e.g., restricted waters, man overboard, straits transits, etc.)
E4	NON-CORE	Update non-electronic charts
E4	CORE	Validate charted depths
E4	CORE	Validate fix data
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Calculate aerospace drift for water entry points
E4	CORE	Calculate Search and Rescue (SAR) datums
E4	CORE	Plot distress signals, bearings, and ranges for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search patterns for maritime Search and Rescue (SAR) operations
E4	CORE	Provide man overboard information (e.g., bearing, distance, recovery options, etc.)
E4	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E4	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Evaluate surface contact information
E7	CORE	Plan shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) operations
E4	CORE	Provide intercept recommendations for surface contacts
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E5	CORE	Validate Surface Warfare (SUW) plots

TACTICAL SUPPORT OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Convert plotting units of measure (e.g., grid, polar, degrees, etc.)
E5	CORE	Interpret operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Report environmental data
E6	CORE	Verify interpretations of operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Configure systems to Commanding Officer's (CO) battle orders
E5	CORE	Coordinate personnel qualification and certification programs
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E7	CORE	Manage personnel qualification and certification programs
E4	CORE	Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E5	CORE	Supervise Emergency Action Plan (EAP) and Emergency Destruction Plan (EDP) actions
E6	CORE	Supervise personnel qualification and certification programs

UNDERSEA WARFARE (USW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Assign symbology to subsurface contacts
E4	NON-CORE	Compute Target Motion Analysis (TMA) solutions
E5	CORE	Evaluate subsurface contact information
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	NON-CORE	Identify subsurface contact Closest Point of Approach (CPA)
E4	CORE	Plot subsurface contacts
E4	NON-CORE	Plot Target Motion Analysis (TMA) data
E4	CORE	Plot Undersea Warfare (USW) operations
E4	CORE	Plot Water Space Management (WSM) areas
E5	CORE	Recommend evasive steering actions
E4	CORE	Recommend subsurface contact classifications
E5	CORE	Recommend torpedo evasion tactics
E4	CORE	Track subsurface contacts
E4	CORE	Update subsurface contact information
E4	CORE	Validate subsurface contact classifications
E5	CORE	Validate Undersea Warfare (USW) plots
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze equipment and system status data
E4	CORE	Analyze threat weapons data
E5	CORE	Brief tactical, operational, and situational status reports
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Combat Information Centers (CIC)/Combat Direction Centers (CDC)
E4	CORE	Configure combat systems equipment
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure internal communications networks
E4	CORE	Configure operating modes of systems (i.e., training and normal operations)
E4	CORE	Configure radar systems
E7	CORE	Coordinate Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Coordinate combat systems watch teams
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Derive requirements from Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E5	CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop watchstander briefs
E4	CORE	Disseminate tactical information
E4	CORE	Document equipment and system status data
E4	CORE	Document magnetic variations
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions

WATCH TEAM OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Manage transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Report lookout (e.g., distress signals, whistles, bells, etc.)
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E5	CORE	Supervise plotting and logging
E5	CORE	Supervise transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Transition Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify systems configurations to Commanding Officer's (CO) battle orders

Job Title
Warfare Operator

Job Code

Job Code
003740

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Military Specific	TBD	WARFARE OPERATOR	WARFARE OPER

Pay Plan	**Career Field**	**Other Relationships and Rules**	
Enlisted	OS	NEC WXXX series and other NECs as assigned	

Job Description

Warfare Operators recommend defensive and offensive actions against air, surface, subsurface, space, and ballistic threats to concerned Command and Control (C2) watch stations; coordinate data link operations, internal and external communications equipment; plot and report contact information; interpret and evaluate geographical, strategic and summary plots, and procedures to make recommendations to supervisors during watch conditions; gather, process, and disseminate information to various ship control stations; and operate up-to-date tactical and strategic warfare systems while coordinating warfare area Situational Awareness (SA).

DoD Relationship

O*NET Relationship

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Radar	122100	Command and Control Center Specialists	55-3015.00	Military Specific

Skills	**Abilities**
Critical Thinking	*Information Ordering*
Coordination	*Inductive Reasoning*
Judgment and Decision Making	*Problem Sensitivity*
Operation and Control	*Deductive Reasoning*
Complex Problem Solving	*Oral Expression*
Active Listening	*Flexibility of Closure*
Writing	*Written Comprehension*
Monitoring	*Control Precision*
Mathematics	*Written Expression*
Speaking	*Time Sharing*

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	NON-CORE	Conduct amphibious vehicle control
E4	NON-CORE	Conduct ship-to-shore movement communications
E4	NON-CORE	Determine amphibious craft positions
E4	NON-CORE	Determine H-hour late/early statuses
E7	CORE	Make battle group Amphibious Warfare (AMW) operation requirement recommendations
E7	CORE	Manage air assets for Amphibious Warfare (AMW) operations
E7	CORE	Manage ship-to-shore movements
E7	CORE	Plan Amphibious Warfare (AMW) operations
E4	CORE	Plot amphibious contacts
E4	NON-CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Plot amphibious vehicle positions
E4	CORE	Plot Amphibious Warfare (AMW) Operations
E4	NON-CORE	Recommend amphibious vehicle avoiding course vectors
E4	NON-CORE	Recommend vectors to meet H-hour
E4	CORE	Report amphibious contacts
E4	NON-CORE	Report Amphibious Objective Area (AOA) traffic

Paygrade	Task Type	Task Statements
E4	NON-CORE	Report H-hour late/early statuses
E4	NON-CORE	Report ship-to-shore movements
E4	NON-CORE	Report well-deck statuses
E5	NON-CORE	Supervise Amphibious Objective Area (AOA) plotting
E5	NON-CORE	Supervise amphibious vehicle control
E5	NON-CORE	Supervise ship-to-shore movements
E4	CORE	Track amphibious contacts
E4	CORE	Update amphibious contact information
E5	CORE	Validate Amphibious Warfare (AMW) plots

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E7	CORE	Make operational and situational reports (e.g., Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E5	CORE	Manage communication plans
E4	CORE	Monitor Line of Sight (LOS) tactical networks and circuits
E4	CORE	Monitor Radio Frequency (RF) circuits
E4	CORE	Perform external communications (i.e., ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Record tactical communications audio (i.e., internal and external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Adjust radar settings remotely
E4	CORE	Configure Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems for operations (i.e., watch, prosecution, and weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure navigation systems
E4	CORE	Configure network systems
E4	CORE	Configure radar automatic tracking features
E4	CORE	Configure radar repeaters
E5	CORE	Configure Tactical Air Navigation (TACAN) systems
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate system statuses (e.g., Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	CORE	Initialize radar repeaters
E4	CORE	Input data into electronic charting systems (e.g., navigational, geographical, emergent, etc.)
E5	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve contact identification conflicts
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

Paygrade	Task Type	Task Statements
E4	CORE	Analyze air contacts
E4	CORE	Analyze Air Defense (AD) intelligence data
E4	NON-CORE	Analyze Ballistic Missile Defense (BMD) intelligence data
E4	CORE	Analyze space or ballistic contacts
E4	CORE	Assess air contact priorities
E4	CORE	Assign symbology to air contacts
E4	NON-CORE	Assign symbology to space or ballistic contacts
E5	CORE	Authenticate Return to Force (RTF) procedures
E5	CORE	Classify air contacts
E4	NON-CORE	Classify space or ballistic contacts
E7	CORE	Coordinate aircraft emergency situations
E7	CORE	Direct shipboard defense against airborne threats
E7	CORE	Direct shipboard defense against space or ballistic threats
E7	NON-CORE	Engage space or ballistic contacts
E4	CORE	Evaluate air contact information
E4	NON-CORE	Evaluate space or ballistic contact information
E7	NON-CORE	Input Air Defense (AD) fire control parameters
E4	CORE	Log air contact data
E4	CORE	Log space or ballistic contact data
E7	CORE	Make battle group Air Defense (AD) operation requirement recommendations
E7	NON-CORE	Make battle group Ballistic Missile Defense (BMD) operation requirement recommendations
E7	CORE	Manage air assets for Air Defense (AD) operations
E7	CORE	Manage air assets for Ballistic Missile Defense (BMD) operations

Paygrade	Task Type	Task Statements
E7	CORE	Manage engagement of air targets with anti-air weapons
E7	CORE	Manage shipboard Air Defense (AD) operations
E7	CORE	Plan shipboard Air Defense (AD) operations
E5	CORE	Plot Air Defense (AD) operations
E5	NON-CORE	Plot Ballistic Missile Defense (BMD) operations
E4	NON-CORE	Plot space or ballistic contacts
E4	CORE	Provide intercept recommendations for air contacts
E4	CORE	Recommend air contact classifications
E4	CORE	Recommend air contact priorities
E7	CORE	Recommend Air Defense (AD) search and engagement plans and tactics
E4	CORE	Recommend space or ballistic contact classifications
E4	CORE	Report air contacts
E5	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	CORE	Report Return to Force (RTF) assets
E4	NON-CORE	Report space or ballistic contacts
E4	CORE	Track air contacts
E4	CORE	Track space or ballistic contacts
E4	CORE	Update air contact information
E4	NON-CORE	Update space or ballistic contact information
E4	CORE	Validate air contact classifications
E6	CORE	Validate Air Defense (AD) plots
E6	CORE	Validate Ballistic Missile Defense (BMD) plots
E4	CORE	Validate space or ballistic contact classifications

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

Paygrade	Task Type	Task Statements
E5	NON-CORE	Analyze operational orders and pre-assigned fire mission messages
E4	NON-CORE	Calculate Time on Targets (TOT)
E4	NON-CORE	Calculate Time to Targets (TTT)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) plot teams
E5	CORE	Plan Naval Surface Fire Support (NSFS) engagements
E4	NON-CORE	Plot Naval Surface Fire Support (NSFS) targets (e.g., grid method, polar method, geodetic, etc.)
E4	NON-CORE	Prepare Naval Surface Fire Support (NSFS) plots
E4	CORE	Report fire missions to control stations
E6	NON-CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

Paygrade	Task Type	Task Statements
E4	CORE	Assess course and speed made good
E4	CORE	Assess magnetic variations
E4	CORE	Calculate basic maneuvering board solutions (e.g., avoidance courses, Closest Point of Approach (CPA), course/speed, etc.)
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plans of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Calculate swing and drag circle radii
E4	CORE	Compare radar scope presentations with charts
E5	CORE	Compare ship plotted positions to secondary plots
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Plot ship positions
E5	CORE	Provide collision avoidance recommendations
E5	CORE	Recommend courses and speeds in support of tactical operations
E4	CORE	Report aids and hazards to navigation
E4	CORE	Report gyrocompass errors
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate Search and Rescue (SAR) datums
E7	CORE	Manage air assets for Search and Rescue (SAR) operations
E4	CORE	Plot distress signals, bearings, and ranges for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search patterns for maritime Search and Rescue (SAR) operations
E4	CORE	Provide man overboard information (e.g., bearing, distance, recovery options, etc.)
E4	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E4	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze surface contacts
E4	CORE	Analyze Surface Warfare (SUW) intelligence data
E4	CORE	Assess surface contact priorities
E4	CORE	Assign symbology to surface contacts
E4	CORE	Classify surface contacts
E7	CORE	Direct shipboard defense against surface threats
E4	CORE	Evaluate surface contact information
E4	CORE	Identify surface contact Closest Point of Approach (CPA)

SURFACE WARFARE (SUW) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Input Surface Warfare (SUW) fire control parameters
E4	CORE	Log surface contact data
E7	CORE	Make battle group Surface Warfare (SUW) operation requirement recommendations
E7	CORE	Manage air assets for Surface Warfare (SUW) operations
E7	CORE	Manage engagement of surface targets with anti-surface weapons
E7	CORE	Manage shipboard Surface Warfare (SUW) operations
E7	CORE	Plan shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) operations
E4	CORE	Provide intercept recommendations for surface contacts
E4	CORE	Recommend surface contact classifications
E4	CORE	Recommend surface contact priorities
E7	CORE	Recommend Surface Warfare (SUW) search and engagement plans and tactics
E4	CORE	Report surface contacts
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E4	CORE	Validate surface contact classifications
E5	CORE	Validate Surface Warfare (SUW) plots

TACTICAL SUPPORT OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Convert plotting units of measure (e.g., grid, polar, degrees, etc.)
E5	CORE	Interpret operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Report environmental data
E4	CORE	Request illumination on targets
E6	CORE	Verify interpretations of operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Configure systems to Commanding Officer's (CO) battle orders
E5	CORE	Coordinate personnel qualification and certification programs
E5	CORE	Draft operational messages
E4	CORE	Interpret Naval messages
E4	CORE	Inventory Communications Security Material System (CMS) classified materials

Paygrade	Task Type	Task Statements
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E7	CORE	Manage personnel qualification and certification programs
E4	CORE	Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E5	CORE	Supervise Emergency Action Plan (EAP) and Emergency Destruction Plan (EDP) actions
E6	CORE	Supervise personnel qualification and certification programs

UNDERSEA WARFARE (USW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze subsurface contacts
E4	NON-CORE	Analyze Undersea Warfare (USW) intelligence data
E4	CORE	Assign symbology to subsurface contacts
E5	CORE	Compute subsurface contact course and speed
E4	NON-CORE	Compute Target Motion Analysis (TMA) solutions
E6	NON-CORE	Correlate Target Motion Analysis (TMA) information
E7	CORE	Direct shipboard defense against subsurface threats
E7	CORE	Evaluate subsurface contact acoustic information
E5	CORE	Evaluate subsurface contact information
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	NON-CORE	Identify subsurface contact Closest Point of Approach (CPA)
E4	CORE	Log subsurface contact data
E7	CORE	Make battle group Undersea Warfare (USW) operation requirement recommendations
E7	CORE	Manage air assets for Undersea Warfare (USW) operations
E7	CORE	Manage engagement of subsurface targets with anti-submarine weapons
E4	CORE	Plot subsurface contacts
E4	NON-CORE	Plot Target Motion Analysis (TMA) data
E4	CORE	Plot Undersea Warfare (USW) operations
E4	CORE	Plot Water Space Management (WSM) areas
E5	CORE	Recommend evasive steering actions
E4	CORE	Recommend subsurface contact classifications
E5	CORE	Recommend torpedo evasion tactics
E5	NON-CORE	Recommend Undersea Warfare (USW) search and attack plans and tactics
E4	CORE	Report subsurface contacts
E4	CORE	Track subsurface contacts
E4	CORE	Update subsurface contact information
E4	CORE	Validate subsurface contact classifications
E5	CORE	Validate Undersea Warfare (USW) plots
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze equipment and system status data
E4	CORE	Analyze threat weapons data
E5	CORE	Brief tactical, operational, and situational status reports
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Combat Information Centers (CIC)/Combat Direction Centers (CDC)
E4	CORE	Configure combat systems equipment
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure internal communications networks
E4	CORE	Configure operating modes of systems (i.e., training and normal operations)
E4	CORE	Configure radar systems
E7	CORE	Coordinate Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Coordinate combat systems watch teams
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Derive requirements from Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E5	CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop watchstander briefs
E7	CORE	Direct execution of Warfare Commander's intentions
E4	CORE	Disseminate tactical information
E4	CORE	Document equipment and system status data
E4	CORE	Document magnetic variations
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E4	CORE	Input magnetic variations
E6	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations

WATCH TEAM OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Manage transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Report aircraft emergency situations
E7	CORE	Report assignment and engagement status of own ship's weapons systems
E4	CORE	Report lookout (e.g., distress signals, whistles, bells, etc.)
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E5	CORE	Supervise plotting and logging
E5	CORE	Supervise transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Transition Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify Emission Control (EMCON) status
E5	CORE	Verify systems configurations to Commanding Officer's (CO) battle orders

Job Title	**Job Code**
Operations Administrator	**003741**

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Military Specific	TBD	OPERATIONS ADMINISTRATOR	OPS ADMIN

Pay Plan	**Career Field**	**Other Relationships and Rules**
Enlisted	OS	NEC WXXX series and other NECs as assigned

Job Description

Operations Administrators develop and execute shipboard communications plans and unit Search and Rescue (SAR) efforts; draft messages; control classified material; maintain and review various watch stations logs and records; conduct briefs and debriefs; and assist in the coordination of combat systems training scenarios and special evolutions preparations.

DoD Relationship   **O*NET Relationship**

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Radar	122100	Command and Control Center Specialists	55-3015.00	Military Specific

Skills	**Abilities**
Coordination	*Problem Sensitivity*
Judgment and Decision Making	*Inductive Reasoning*
Writing	*Information Ordering*
Critical Thinking	*Deductive Reasoning*
Active Listening	*Oral Expression*
Operation and Control	*Written Comprehension*
Management of Personnel Resources	*Flexibility of Closure*
Reading Comprehension	*Control Precision*
Mathematics	*Time Sharing*
Speaking	*Written Expression*

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	NON-CORE	Conduct amphibious vehicle control
E4	NON-CORE	Conduct ship-to-shore movement communications
E4	NON-CORE	Determine amphibious craft positions
E4	NON-CORE	Determine H-hour late/early statuses
E7	CORE	Make battle group Amphibious Warfare (AMW) operation requirement recommendations
E7	CORE	Manage air assets for Amphibious Warfare (AMW) operations
E7	CORE	Manage ship-to-shore movements
E7	CORE	Plan Amphibious Warfare (AMW) operations
E4	CORE	Plot amphibious contacts
E4	NON-CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Plot amphibious vehicle positions
E4	CORE	Plot Amphibious Warfare (AMW) Operations
E4	NON-CORE	Recommend amphibious vehicle avoiding course vectors
E4	NON-CORE	Recommend vectors to meet H-hour
E4	CORE	Report amphibious contacts
E4	NON-CORE	Report Amphibious Objective Area (AOA) traffic
E4	NON-CORE	Report H-hour late/early statuses

Paygrade	Task Type	Task Statements
E4	NON-CORE	Report ship-to-shore movements
E4	NON-CORE	Report well-deck statuses
E5	NON-CORE	Supervise Amphibious Objective Area (AOA) plotting
E5	NON-CORE	Supervise amphibious vehicle control
E5	NON-CORE	Supervise ship-to-shore movements

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E7	CORE	Make operational and situational reports (e.g., Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E5	CORE	Manage communication plans
E4	CORE	Monitor Line of Sight (LOS) tactical networks and circuits
E4	CORE	Monitor Radio Frequency (RF) circuits
E4	CORE	Perform external communications (i.e., ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Record tactical communications audio (i.e., internal and external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Adjust radar settings remotely
E4	CORE	Configure Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems for operations (i.e., watch, prosecution, and weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure navigation systems
E4	CORE	Configure network systems
E4	CORE	Configure radar automatic tracking features
E4	CORE	Configure radar repeaters
E5	CORE	Configure Tactical Air Navigation (TACAN) systems
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate system statuses (e.g., Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	CORE	Initialize radar repeaters

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Input data into electronic charting systems (e.g., navigational, geographical, emergent, etc.)
E5	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve contact identification conflicts
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Air Defense (AD) intelligence data
E4	NON-CORE	Analyze Ballistic Missile Defense (BMD) intelligence data
E4	CORE	Assess air contact priorities
E4	CORE	Log air contact data
E4	CORE	Log space or ballistic contact data
E4	CORE	Maintain aeronautical charts and publications
E7	CORE	Manage shipboard Air Defense (AD) operations
E7	CORE	Plan shipboard Air Defense (AD) operations
E5	CORE	Plot Air Defense (AD) operations
E4	CORE	Recommend air contact priorities
E7	CORE	Recommend Air Defense (AD) search and engagement plans and tactics
E4	CORE	Report air contacts
E5	CORE	Report air engagement Battle Damage Assessments (BDA)

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

Paygrade	Task Type	Task Statements
E5	NON-CORE	Analyze operational orders and pre-assigned fire mission messages
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) plot teams
E5	CORE	Plan Naval Surface Fire Support (NSFS) engagements
E4	NON-CORE	Plot Naval Surface Fire Support (NSFS) targets (e.g., grid method, polar method, geodetic, etc.)
E4	NON-CORE	Prepare Naval Surface Fire Support (NSFS) plots
E4	CORE	Report fire missions to control stations
E6	NON-CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

Paygrade	Task Type	Task Statements
E7	CORE	Approve navigation plots
E4	CORE	Assess course and speed made good

Paygrade	Task Type	Task Statements
E4	CORE	Assess magnetic variations
E4	CORE	Calculate basic maneuvering board solutions (e.g., avoidance courses, Closest Point of Approach (CPA), course/speed, etc.)
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plans of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Calculate swing and drag circle radii
E4	CORE	Compare radar scope presentations with charts
E5	CORE	Compare ship plotted positions to secondary plots
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Develop gazetteers
E4	CORE	Maintain navigation chart inventories
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship advances and transfers
E4	CORE	Plot ship positions
E4	CORE	Plot ship tracks
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Provide collision avoidance recommendations
E5	CORE	Recommend courses and speeds in support of tactical operations
E4	CORE	Report aids and hazards to navigation
E4	CORE	Report gyrocompass errors
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) anchoring evolutions
E6	CORE	Supervise navigation teams during special evolutions (e.g., restricted waters, man overboard, straits transits, etc.)
E4	NON-CORE	Update non-electronic charts
E4	CORE	Validate charted depths
E4	CORE	Validate fix data
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Calculate aerospace drift for water entry points
E4	CORE	Calculate Search and Rescue (SAR) datums
E7	CORE	Coordinate Search and Rescue (SAR) teams
E7	CORE	Manage air assets for Search and Rescue (SAR) operations

SEARCH AND RESCUE (SAR) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Plot distress signals, bearings, and ranges for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search patterns for maritime Search and Rescue (SAR) operations
E4	CORE	Provide man overboard information (e.g., bearing, distance, recovery options, etc.)
E4	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E4	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Surface Warfare (SUW) intelligence data
E4	CORE	Assess surface contact priorities
E4	CORE	Identify surface contact Closest Point of Approach (CPA)
E4	CORE	Log surface contact data
E7	CORE	Manage shipboard Surface Warfare (SUW) operations
E7	CORE	Plan shipboard Surface Warfare (SUW) operations
E4	CORE	Recommend surface contact priorities
E7	CORE	Recommend Surface Warfare (SUW) search and engagement plans and tactics
E4	CORE	Report surface contacts
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)

TACTICAL SUPPORT OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Convert plotting units of measure (e.g., grid, polar, degrees, etc.)
E5	CORE	Interpret operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Report environmental data
E6	CORE	Verify interpretations of operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Configure systems to Commanding Officer's (CO) battle orders
E5	CORE	Coordinate personnel qualification and certification programs
E5	CORE	Draft operational messages
E5	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E4	CORE	Inspect work areas, tools, and equipment
E4	CORE	Interpret Naval messages
E4	CORE	Inventory Communications Security Material System (CMS) classified materials
E4	CORE	Inventory ready publications

TECHNICAL ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch Logs
E7	CORE	Manage Casualty Report (CASREP) programs
E7	CORE	Manage divisional equipment and system configurations
E7	CORE	Manage divisional maintenance operations
E7	CORE	Manage personnel qualification and certification programs
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E4	CORE	Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E7	CORE	Review drafted operational messages for accuracy
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E5	CORE	Supervise Emergency Action Plan (EAP) and Emergency Destruction Plan (EDP) actions
E6	CORE	Supervise personnel qualification and certification programs
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E4	CORE	Validate Casualty Reports (CASREP)
E4	CORE	Verify cryptographic keying materials are loaded
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

UNDERSEA WARFARE (USW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	NON-CORE	Analyze Undersea Warfare (USW) intelligence data
E4	CORE	Assign symbology to subsurface contacts
E6	NON-CORE	Correlate Target Motion Analysis (TMA) information
E7	CORE	Evaluate subsurface contact acoustic information
E4	CORE	Log subsurface contact data
E4	CORE	Plot Water Space Management (WSM) areas
E5	NON-CORE	Recommend Undersea Warfare (USW) search and attack plans and tactics
E4	CORE	Report subsurface contacts
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze threat weapons data
E5	CORE	Brief tactical, operational, and situational status reports
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Conduct watchstander briefs

Paygrade	Task Type	Task Statements
E4	CORE	Configure Combat Information Centers (CIC)/Combat Direction Centers (CDC)
E4	CORE	Configure combat systems equipment
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure internal communications networks
E4	CORE	Configure operating modes of systems (i.e., training and normal operations)
E7	CORE	Coordinate Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Coordinate combat systems watch teams
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Derive requirements from Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E5	CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop watchstander briefs
E4	CORE	Disseminate tactical information
E4	CORE	Document equipment and system status data
E4	CORE	Document magnetic variations
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E4	CORE	Input magnetic variations
E6	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Manage transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Report lookout (e.g., distress signals, whistles, bells, etc.)
E4	CORE	Set Emission Control (EMCON) conditions

WATCH TEAM OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E5	CORE	Supervise plotting and logging
E5	CORE	Supervise transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Transition Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E7	CORE	Validate watchstander briefs
E5	CORE	Verify Emission Control (EMCON) status
E5	CORE	Verify systems configurations to Commanding Officer's (CO) battle orders

Job Title
Electronic Systems Operator

Job Code
003742

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Military Specific	TBD	ELECTRONIC SYSTEMS OPERATOR	ELEC SYS OPER

Pay Plan	**Career Field**	**Other Relationships and Rules**	
Enlisted	OS	NEC WXXX series and other NECs as assigned	

Job Description

Electronic Systems Operators initialize, configure, operate, and monitor the functions of various electronics and Command and Control (C2) systems to include, but not limited to, the operations of consoles, computers, radars, and radar display equipment and systems; and operate Identification Friend or Foe (IFF) equipment, various data link systems, communication equipment, and electronic charting systems.

DoD Relationship **O*NET Relationship**

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Radar	122100	Command and Control Center Specialists	55-3015.00	Military Specific

Skills

Critical Thinking

Coordination

Judgment and Decision Making

Operation and Control

Writing

Complex Problem Solving

Active Listening

Mathematics

Monitoring

Speaking

Abilities

Information Ordering

Inductive Reasoning

Problem Sensitivity

Deductive Reasoning

Oral Expression

Flexibility of Closure

Written Comprehension

Control Precision

Written Expression

Time Sharing

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E4	NON-CORE	Conduct amphibious vehicle control
E4	NON-CORE	Conduct ship-to-shore movement communications
E4	NON-CORE	Determine amphibious craft positions
E4	NON-CORE	Determine H-hour late/early statuses
E7	CORE	Make battle group Amphibious Warfare (AMW) operation requirement recommendations
E7	CORE	Manage air assets for Amphibious Warfare (AMW) operations
E7	CORE	Manage ship-to-shore movements
E7	CORE	Plan Amphibious Warfare (AMW) operations
E4	CORE	Plot amphibious contacts
E4	NON-CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Plot amphibious vehicle positions
E4	CORE	Plot Amphibious Warfare (AMW) Operations
E4	NON-CORE	Recommend amphibious vehicle avoiding course vectors
E4	NON-CORE	Recommend vectors to meet H-hour
E4	CORE	Report amphibious contacts
E4	NON-CORE	Report Amphibious Objective Area (AOA) traffic
E4	NON-CORE	Report H-hour late/early statuses

Paygrade	Task Type	Task Statements
E4	NON-CORE	Report ship-to-shore movements
E4	NON-CORE	Report well-deck statuses
E5	NON-CORE	Supervise Amphibious Objective Area (AOA) plotting
E5	NON-CORE	Supervise amphibious vehicle control
E5	NON-CORE	Supervise ship-to-shore movements
E4	CORE	Track amphibious contacts
E4	CORE	Update amphibious contact information
E5	CORE	Validate Amphibious Warfare (AMW) plots

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E7	CORE	Make operational and situational reports (e.g., Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E5	CORE	Manage communication plans
E4	CORE	Monitor Line of Sight (LOS) tactical networks and circuits
E4	CORE	Monitor Radio Frequency (RF) circuits
E4	CORE	Perform external communications (i.e., ship-to-ship, ship-to-shore, and ship-to-air)
E4	CORE	Record tactical communications audio (i.e., internal and external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Adjust radar settings remotely
E4	CORE	Configure Command, Control, Communications, Computers, Combat Systems, and Intelligence (C5I) systems for operations (i.e., watch, prosecution, and weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure navigation systems
E4	CORE	Configure network systems
E4	CORE	Configure radar automatic tracking features
E4	CORE	Configure radar repeaters
E5	CORE	Configure Tactical Air Navigation (TACAN) systems
E4	CORE	Configure Tactical Display Systems (TDS)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Evaluate system statuses (e.g., Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	CORE	Initialize radar repeaters
E4	CORE	Input data into electronic charting systems (e.g., navigational, geographical, emergent, etc.)
E5	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve contact identification conflicts
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

Paygrade	Task Type	Task Statements
E4	CORE	Analyze air contacts
E4	CORE	Analyze Air Defense (AD) intelligence data
E4	NON-CORE	Analyze Ballistic Missile Defense (BMD) intelligence data
E4	CORE	Analyze space or ballistic contacts
E4	CORE	Assess air contact priorities
E4	CORE	Assign symbology to air contacts
E4	NON-CORE	Assign symbology to space or ballistic contacts
E5	CORE	Authenticate Return to Force (RTF) procedures
E5	CORE	Classify air contacts
E4	NON-CORE	Classify space or ballistic contacts
E7	CORE	Coordinate aircraft emergency situations
E7	CORE	Direct shipboard defense against airborne threats
E7	CORE	Direct shipboard defense against space or ballistic threats
E7	NON-CORE	Engage space or ballistic contacts
E4	CORE	Evaluate air contact information
E4	NON-CORE	Evaluate space or ballistic contact information
E7	NON-CORE	Input Air Defense (AD) fire control parameters
E4	CORE	Log air contact data
E4	CORE	Log space or ballistic contact data
E7	CORE	Make battle group Air Defense (AD) operation requirement recommendations
E7	NON-CORE	Make battle group Ballistic Missile Defense (BMD) operation requirement recommendations
E7	CORE	Manage air assets for Air Defense (AD) operations
E7	CORE	Manage air assets for Ballistic Missile Defense (BMD) operations
E7	CORE	Manage engagement of air targets with anti-air weapons

INTEGRATED AIR AND MISSILE DEFENSE (IAMD) (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Manage shipboard Air Defense (AD) operations
E7	CORE	Plan shipboard Air Defense (AD) operations
E5	CORE	Plot Air Defense (AD) operations
E5	NON-CORE	Plot Ballistic Missile Defense (BMD) operations
E4	NON-CORE	Plot space or ballistic contacts
E4	CORE	Provide intercept recommendations for air contacts
E4	CORE	Recommend air contact classifications
E4	CORE	Recommend air contact priorities
E7	CORE	Recommend Air Defense (AD) search and engagement plans and tactics
E4	CORE	Recommend space or ballistic contact classifications
E4	CORE	Report air contacts
E5	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	CORE	Report Return to Force (RTF) assets
E4	NON-CORE	Report space or ballistic contacts
E4	CORE	Track air contacts
E4	CORE	Track space or ballistic contacts
E4	CORE	Update air contact information
E4	NON-CORE	Update space or ballistic contact information
E4	CORE	Validate air contact classifications
E6	CORE	Validate Air Defense (AD) plots
E6	CORE	Validate Ballistic Missile Defense (BMD) plots
E4	CORE	Validate space or ballistic contact classifications

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

Paygrade	Task Type	Task Statements
E5	NON-CORE	Analyze operational orders and pre-assigned fire mission messages
E4	NON-CORE	Calculate Time on Targets (TOT)
E4	NON-CORE	Calculate Time to Targets (TTT)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) plot teams
E5	CORE	Plan Naval Surface Fire Support (NSFS) engagements
E4	NON-CORE	Plot Naval Surface Fire Support (NSFS) targets (e.g., grid method, polar method, geodetic, etc.)
E4	NON-CORE	Prepare Naval Surface Fire Support (NSFS) plots
E4	CORE	Report fire missions to control stations
E6	NON-CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

Paygrade	Task Type	Task Statements
E7	CORE	Approve navigation plots
E4	CORE	Assess course and speed made good
E4	CORE	Assess magnetic variations
E4	CORE	Calculate basic maneuvering board solutions (e.g., avoidance courses, Closest Point of Approach (CPA), course/speed, etc.)
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plans of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Calculate swing and drag circle radii
E4	CORE	Compare radar scope presentations with charts
E5	CORE	Compare ship plotted positions to secondary plots
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship advances and transfers
E4	CORE	Plot ship positions
E4	CORE	Plot ship tracks
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Provide collision avoidance recommendations
E5	CORE	Recommend courses and speeds in support of tactical operations
E4	CORE	Report aids and hazards to navigation
E4	CORE	Report gyrocompass errors
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) anchoring evolutions
E6	CORE	Supervise navigation teams during special evolutions (e.g., restricted waters, man overboard, straits transits, etc.)
E4	CORE	Validate charted depths
E4	CORE	Validate fix data
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate Search and Rescue (SAR) datums
E7	CORE	Manage air assets for Search and Rescue (SAR) operations
E4	CORE	Plot distress signals, bearings, and ranges for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	NON-CORE	Plot search patterns for maritime Search and Rescue (SAR) operations

SEARCH AND RESCUE (SAR) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Provide man overboard information (e.g., bearing, distance, recovery options, etc.)
E4	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E4	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze surface contacts
E4	CORE	Analyze Surface Warfare (SUW) intelligence data
E4	CORE	Assess surface contact priorities
E4	CORE	Assign symbology to surface contacts
E4	CORE	Classify surface contacts
E7	CORE	Direct shipboard defense against surface threats
E4	CORE	Evaluate surface contact information
E4	CORE	Identify surface contact Closest Point of Approach (CPA)
E7	CORE	Input Surface Warfare (SUW) fire control parameters
E4	CORE	Log surface contact data
E7	CORE	Make battle group Surface Warfare (SUW) operation requirement recommendations
E7	CORE	Manage air assets for Surface Warfare (SUW) operations
E7	CORE	Manage engagement of surface targets with anti-surface weapons
E7	CORE	Manage shipboard Surface Warfare (SUW) operations
E7	CORE	Plan shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) operations
E4	CORE	Provide intercept recommendations for surface contacts
E4	CORE	Recommend surface contact classifications
E4	CORE	Recommend surface contact priorities
E7	CORE	Recommend Surface Warfare (SUW) search and engagement plans and tactics
E4	CORE	Report surface contacts
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E4	CORE	Validate surface contact classifications
E5	CORE	Validate Surface Warfare (SUW) plots

TACTICAL SUPPORT OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Convert plotting units of measure (e.g., grid, polar, degrees, etc.)
E5	CORE	Interpret operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas

TACTICAL SUPPORT OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot Mine Warfare (MIW) symbologies
E4	CORE	Report environmental data
E4	CORE	Request illumination on targets
E6	CORE	Verify interpretations of operational requirements (e.g., Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

Paygrade	Task Type	Task Statements
E4	CORE	Configure systems to Commanding Officer's (CO) battle orders
E5	CORE	Coordinate personnel qualification and certification programs
E5	CORE	Draft operational messages
E4	CORE	Interpret Naval messages
E4	CORE	Inventory Communications Security Material System (CMS) classified materials
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E7	CORE	Manage personnel qualification and certification programs
E4	CORE	Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E5	CORE	Supervise Emergency Action Plan (EAP) and Emergency Destruction Plan (EDP) actions
E6	CORE	Supervise personnel qualification and certification programs
E4	CORE	Verify cryptographic keying materials are loaded

UNDERSEA WARFARE (USW) OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze subsurface contacts
E4	NON-CORE	Analyze Undersea Warfare (USW) intelligence data
E4	CORE	Assign symbology to subsurface contacts
E5	CORE	Compute subsurface contact course and speed
E4	NON-CORE	Compute Target Motion Analysis (TMA) solutions
E6	NON-CORE	Correlate Target Motion Analysis (TMA) information
E7	CORE	Direct shipboard defense against subsurface threats
E7	CORE	Evaluate subsurface contact acoustic information
E5	CORE	Evaluate subsurface contact information
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	NON-CORE	Identify subsurface contact Closest Point of Approach (CPA)
E4	CORE	Log subsurface contact data
E7	CORE	Make battle group Undersea Warfare (USW) operation requirement recommendations
E7	CORE	Manage air assets for Undersea Warfare (USW) operations
E7	CORE	Manage engagement of subsurface targets with anti-submarine weapons
E4	CORE	Plot subsurface contacts

UNDERSEA WARFARE (USW) OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	NON-CORE	Plot Target Motion Analysis (TMA) data
E4	CORE	Plot Undersea Warfare (USW) operations
E4	CORE	Plot Water Space Management (WSM) areas
E5	CORE	Recommend evasive steering actions
E4	CORE	Recommend subsurface contact classifications
E5	CORE	Recommend torpedo evasion tactics
E5	NON-CORE	Recommend Undersea Warfare (USW) search and attack plans and tactics
E4	CORE	Report subsurface contacts
E4	CORE	Track subsurface contacts
E4	CORE	Update subsurface contact information
E4	CORE	Validate subsurface contact classifications
E5	CORE	Validate Undersea Warfare (USW) plots
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze equipment and system status data
E4	CORE	Analyze threat weapons data
E5	CORE	Brief tactical, operational, and situational status reports
E4	CORE	Collect equipment and system status data
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Combat Information Centers (CIC)/Combat Direction Centers (CDC)
E4	CORE	Configure combat systems equipment
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure internal communications networks
E4	CORE	Configure operating modes of systems (i.e., training and normal operations)
E4	CORE	Configure radar systems
E7	CORE	Coordinate Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E7	CORE	Coordinate Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Coordinate combat systems watch teams
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness

Paygrade	Task Type	Task Statements
E4	CORE	Derive requirements from Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E5	CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop watchstander briefs
E7	CORE	Direct execution of Warfare Commander's intentions
E4	CORE	Disseminate tactical information
E4	CORE	Document equipment and system status data
E4	CORE	Document magnetic variations
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E4	CORE	Input magnetic variations
E6	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E6	CORE	Manage Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E6	CORE	Manage transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Report aircraft emergency situations
E7	CORE	Report assignment and engagement status of own ship's weapons systems
E4	CORE	Report lookout (e.g., distress signals, whistles, bells, etc.)
E4	CORE	Set Emission Control (EMCON) conditions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team readiness
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during casualty conditions
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during normal operations
E5	CORE	Supervise Combat Information Centers (CIC)/Combat Direction Centers (CDC) during special evolutions
E5	CORE	Supervise plotting and logging
E5	CORE	Supervise transition of Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Transition Combat Information Centers (CIC)/Combat Direction Centers (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards

WATCH TEAM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Verify Emission Control (EMCON) status
E5	CORE	Verify systems configurations to Commanding Officer's (CO) battle orders