

CHAPTER 59



OPERATIONS SPECIALIST (OS)

NAVPERS 18068-59H
CH-76

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

OPERATIONS SPECIALIST (OS)



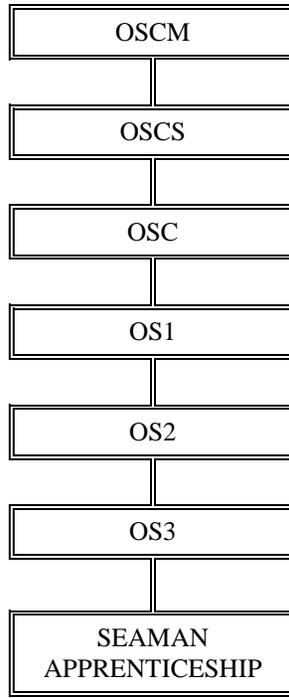
SCOPE OF RATING

Operations Specialists (OS) 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 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), Air Warfare (AW), Undersea Warfare (USW), Amphibious Warfare (AMW), Mine Warfare (MIW), Littoral Warfare (LW), Naval Surface Fire Support (NSFS), Ballistic Missile Defense (BMD), and Search and Rescue (SAR) operations.

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

GENERAL INFORMATION

CAREER PATTERN



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

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

SAFETY

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

Job Title

Combat Air Controller

Job Code

003738

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

COMBAT AIR CONTROLLER

Short Title (14 Characters)

COM AIR CTRLR

Pay Plan

Enlisted

Career Field

OS

Other Relationships and Rules

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

Group Title

Radar

DoD Code

122100

O*NET Relationship

Occupation Title

Command and Control Center Specialists

SOC Code

55-3015.00

Job Family

Military Specific

Skills

Complex Problem Solving

Critical Thinking

Operation and Control

Judgment and Decision Making

Equipment Selection

Monitoring

Coordination

Operation Monitoring

Reading Comprehension

Speaking

Abilities

Information Ordering

Inductive Reasoning

Deductive Reasoning

Speech Clarity

Problem Sensitivity

Control Precision

Written Comprehension

Finger Dexterity

Reaction Time

Category Flexibility

AIR WARFARE (AW) OPERATIONS

Paygrade

Task Type

Task Statements

E4

CORE

Analyze air contacts

E4

CORE

Assess air contact priorities

E5

CORE

Authenticate return to force procedures

E6

CORE

Conduct shipboard defense against airborne threats

E4

CORE

Determine air contact classifications (e.g. checkprints, hails/queries, warnings, etc.)

E4

CORE

Evaluate air contacts

E5

NON-CORE

Input Air Defense (AD) fire control parameters

E4

CORE

Maintain aeronautical charts and publications

E7

CORE

Make battle group operation requirement recommendations (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Surface Warfare (SUW), etc.)

E7

CORE

Manage aircraft emergency situations

E5

NON-CORE

Manage aircraft mission plans

E6

CORE

Manage shipboard Air Defense (AD) operations

E7

CORE

Plan Air Defense (AD) operations

E5

NON-CORE

Provide tactical information to aircraft (e.g. weapons condition and status, Fleet Air Defense Identification Zone (FADIZ), waypoints, etc.)

E4

CORE

Recommend air contact classifications

AIR WARFARE (AW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Recommend Air Defense (AD) engagement tactics
E7	CORE	Recommend Air Defense (AD) plans
E4	CORE	Relay aircraft status
E4	CORE	Report air contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	CORE	Report return to force assets
E6	NON-CORE	Supervise air control operations
E5	CORE	Supervise aircraft emergency situations
E4	CORE	Track air contacts
E4	CORE	Update air contact information
E5	NON-CORE	Update controlled aircraft status

AMPHIBIOUS WARFARE (AMW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Provide support information to aircraft (e.g. safety of flight, advisory control, amphibious mission support, etc.)

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E6	NON-CORE	Make operational and situational reports (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E5	CORE	Record tactical communications (internal, external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure automatic tracking features
E4	CORE	Configure Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, weapons employment)
E4	CORE	Configure Identification Friend or Foe (IFF) equipment
E4	CORE	Configure informational display systems
E4	CORE	Configure radar repeaters
E4	CORE	Configure Tactical Air Navigation (TACAN)
E4	CORE	Configure Tactical Display System (TDS) for operations

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Establish data links (dual-net multi-frequency data links and multi-frequency links)
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate systems status (e.g. Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E5	NON-CORE	Initiate link communications
E4	CORE	Input data into electronic charting systems (e.g. navigational, geographical, emergent, etc.)
E4	NON-CORE	Manage databases (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E6	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	CORE	Resolve identification conflicts
E5	CORE	Supervise Tactical Display System (TDS) operations
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Convert plotting units of measure (e.g. grid, polar, degrees, etc.)

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute magnetic variation
E4	CORE	Correlate lookout information with radar presentations

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate datums
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E5	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E5	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Assign surface contact priorities
E4	CORE	Classify surface contacts
E6	CORE	Compare surface weapons targeting solutions
E6	CORE	Conduct shipboard defense against surface threats
E4	NON-CORE	Direct air assets (Surface Warfare (SUW), Undersea Warfare (USW))

SURFACE WARFARE (SUW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Engage surface targets with anti-surface weapon systems (Harpoon)
E4	CORE	Evaluate surface contacts
E7	CORE	Manage battle group Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Provide intercept recommendations for surface contacts
E6	CORE	Recommend Surface Warfare (SUW) engagement tactics
E6	CORE	Recommend Surface Warfare (SUW) search and attack plans
E4	CORE	Report surface contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E5	CORE	Verify surface contact classifications
E6	CORE	Verify Surface Warfare (SUW) targeting data

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORDS), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational messages
E4	CORE	Extract required information from Naval messages
E5	CORE	Input magnetic variations
E5	CORE	Inventory Communications Security Material System (CMS) classified material
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Evaluate undersea contacts
E7	CORE	Evaluate Undersea Warfare (USW) plots
E5	CORE	Recommend Undersea Warfare (USW) search and attack plans
E5	CORE	Review Undersea Warfare (USW) plots
E5	NON-CORE	Utilize air assets for Undersea Warfare (USW) search and attack plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze threat weapons data
E5	CORE	Conduct watchstander briefs

WATCH TEAM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure operating mode of systems (training, normal operations)
E4	CORE	Disseminate tactical information
E4	CORE	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E6	CORE	Review Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	NON-CORE	Review tactical operations data (tactical data link)
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E5	CORE	Verify Emission Control (EMCON) status

Job Title

Navigation And Plotting Specialist

Job Code

003739

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

NAVIGATION AND PLOTTING SPEC

Short Title (14 Characters)

NAV PLOT SPEC

Pay Plan

Enlisted

Career Field

OS

Other Relationships and Rules

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 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

Group Title

Radar

DoD Code

122100

O*NET Relationship

Occupation Title

Command and Control Center Specialists

SOC Code

55-3015.00

Job Family

Military Specific

Skills

Mathematics

Writing

Complex Problem Solving

Coordination

Reading Comprehension

Critical Thinking

Quality Control Analysis

Active Learning

Operation and Control

Monitoring

Abilities

Information Ordering

Inductive Reasoning

Problem Sensitivity

Manual Dexterity

Deductive Reasoning

Mathematical Reasoning

Rate Control

Written Comprehension

Finger Dexterity

Speech Clarity

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade

E4

Task Type

CORE

Task Statements

Determine amphibious craft positions

E7

CORE

Manage ship-to-shore movements

E4

CORE

Plot Amphibious Objective Area (AOA) information

E4

CORE

Report ship-to-shore movements

E5

CORE

Supervise Amphibious Objective Area (AOA) plots

E5

CORE

Supervise ship-to-shore movements

COMMUNICATIONS

Paygrade

E4

Task Type

CORE

Task Statements

Authenticate tactical signals

E4

CORE

Decode tactical signals

E4

CORE

Encode tactical signals

E4

CORE

Log external tactical communications

E6

NON-CORE

Make operational and situational reports (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)

E4

CORE

Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)

E5

CORE

Record tactical communications (internal, external)

E4

CORE

Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, weapons employment)
E4	CORE	Configure informational display systems
E4	CORE	Configure navigation systems
E4	CORE	Configure radar repeaters
E4	CORE	Configure Tactical Display System (TDS) for operations
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate systems status (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	NON-CORE	Manage databases (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E6	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Process emergency signals
E4	CORE	Resolve identification conflicts
E5	CORE	Supervise Tactical Display System (TDS) operations
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Compute Time on Target (TOT)
E5	CORE	Compute Time to Target (TTT)
E4	CORE	Convert plotting units of measure (e.g. grid, polar, degrees, etc.)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) teams
E4	CORE	Plot targets (e.g. grid method, polar method, geodetic, etc.)
E4	CORE	Prepare Naval Surface Fire Support (NSFS) plots
E5	CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plan of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Compare radar scope presentations with charts
E5	CORE	Compare ship's plotted position to secondary plots
E4	CORE	Compute course and speed made good

NAVIGATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute magnetic variation
E4	CORE	Compute swing and drag circle radii
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Develop gazetteers
E4	CORE	Maintain chart inventories
E7	CORE	Manage navigation teams during special evolutions (e.g. restricted waters, man overboard, straits transits, etc.)
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship's advance and transfer
E4	CORE	Plot ship's position (e.g. radar, Global Positioning System (GPS), visual, etc.)
E5	CORE	Plot ship's position during special evolutions (e.g. restricted waters, man overboard, straits transit, etc.)
E4	CORE	Plot ship's track
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Provide collision avoidance recommendations
E4	CORE	Report aids and hazards to navigation
E5	CORE	Report gyrocompass errors
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) anchoring evolutions
E4	CORE	Validate charted depth
E4	CORE	Validate fix data
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate aerospace drift for water entry points
E4	CORE	Calculate datums
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	CORE	Plot search patterns
E4	CORE	Provide man overboard information (e.g. bearing, distance, recovery options, etc.)
E5	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E5	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Evaluate surface contacts
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) engagements
E4	CORE	Provide intercept recommendations for surface contacts
E5	CORE	Supervise surface plotting teams
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate maneuvering board solutions
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot environmental conditions (e.g. true wind, weather, sea temperature, etc.)
E4	NON-CORE	Plot Mine Warfare (MIW) information
E4	CORE	Plot operational requirements (e.g. Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Report lookout (e.g. distress signals, whistles, bells, etc.)
E7	CORE	Review plotted navigation requirements
E4	CORE	Update charts
E6	CORE	Validate plotted navigation requirements
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORDS), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational messages
E4	CORE	Extract required information from Naval messages
E5	CORE	Input magnetic variations
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E4	CORE	Record magnetic variations

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute Target Motion Analysis (TMA) solutions
E5	CORE	Evaluate undersea contacts
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	CORE	Plot Target Motion Analysis (TMA) data
E5	CORE	Recommend evasive steering actions

UNDERSEA WARFARE (USW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Recommend torpedo evasion actions
E5	CORE	Recommend Undersea Warfare (USW) search and attack plans
E5	CORE	Review Undersea Warfare (USW) plots
E5	NON-CORE	Utilize air assets for Undersea Warfare (USW) search and attack plans
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze threat weapons data
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure operating mode of systems (training, normal operations)
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Disseminate tactical information
E4	CORE	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E6	CORE	Review Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	NON-CORE	Review tactical operations data (tactical data link)
E6	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) during special evolutions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team performance
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify Emission Control (EMCON) status

Job Title

Warfare Operator

Job Code

003740

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

WARFARE OPERATOR

Short Title (14 Characters)

WARFARE OPER

Pay Plan

Enlisted

Career Field

OS

Other Relationships and Rules

NEC WXXX series and other NECs as assigned

Job Description

Warfare Operators recommend defensive and offensive actions against air, surface, and subsurface threats to concerned command and control 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.

DoD Relationship

Group Title

Radar

DoD Code

122100

O*NET Relationship

Occupation Title

Command and Control Center Specialists

SOC Code

55-3015.00

Job Family

Military Specific

Skills

Critical Thinking
Complex Problem Solving
Operation and Control
Coordination
Monitoring
Judgment and Decision Making
Reading Comprehension
Speaking
Operation Monitoring
Writing

Abilities

Information Ordering
Deductive Reasoning
Inductive Reasoning
Problem Sensitivity
Speech Clarity
Control Precision
Finger Dexterity
Written Comprehension
Manual Dexterity
Oral Expression

AIR WARFARE (AW) OPERATIONS

Paygrade

Task Type

Task Statements

E4	CORE	Analyze air contacts
E4	CORE	Assess air contact priorities
E5	CORE	Assign air contact priorities
E5	CORE	Authenticate return to force procedures
E5	CORE	Classify air contacts
E6	CORE	Conduct shipboard defense against airborne threats
E4	CORE	Determine air contact classifications (e.g. checkprints, hails/queries, warnings, etc.)
E4	CORE	Evaluate air contacts
E5	NON-CORE	Input Air Defense (AD) fire control parameters
E7	CORE	Make battle group operation requirement recommendations (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Surface Warfare (SUW), etc.)
E7	CORE	Manage aircraft emergency situations
E5	NON-CORE	Manage aircraft mission plans
E6	CORE	Manage shipboard Air Defense (AD) operations
E7	CORE	Plan Air Defense (AD) operations

AIR WARFARE (AW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Provide tactical information to aircraft (e.g. weapons condition and status, Fleet Air Defense Identification Zone (FADIZ), waypoints, etc.)
E4	CORE	Recommend air contact classifications
E5	NON-CORE	Recommend Air Defense (AD) engagement tactics
E7	CORE	Recommend Air Defense (AD) plans
E4	CORE	Relay aircraft status
E4	CORE	Report air contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	CORE	Report return to force assets
E4	CORE	Request illumination on targets
E6	NON-CORE	Supervise air control operations
E5	CORE	Supervise aircraft emergency situations
E4	CORE	Track air contacts
E4	CORE	Update air contact information
E5	NON-CORE	Update controlled aircraft status

AMPHIBIOUS WARFARE (AMW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Determine amphibious craft positions
E7	CORE	Manage ship-to-shore movements
E7	CORE	Plan amphibious operations
E4	CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Provide support information to aircraft (e.g. safety of flight, advisory control, amphibious mission support, etc.)
E4	CORE	Report ship-to-shore movements
E5	CORE	Supervise Amphibious Objective Area (AOA) plots
E5	CORE	Supervise ship-to-shore movements

BALLISTIC MISSILE DEFENSE (BMD) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze space or ballistic contacts
E4	CORE	Classify space or ballistic contacts
E5	CORE	Develop watchstander briefs
E4	CORE	Evaluate space or ballistic contact information
E6	CORE	Manage Ballistic Missile Defense (BMD) operations
E5	CORE	Report space or ballistic contacts
E4	CORE	Track space or ballistic contacts
E4	CORE	Update space or ballistic contact information

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E6	NON-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	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E5	CORE	Record tactical communications (internal, external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, 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 radar repeaters
E4	CORE	Configure radar settings remotely
E4	CORE	Configure Tactical Air Navigation (TACAN)
E4	CORE	Configure Tactical Display System (TDS) for operations
E4	CORE	Coordinate data link operations
E5	NON-CORE	Establish data links (dual-net multi-frequency data links and multi-frequency links)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate systems status (e.g. Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	NON-CORE	Initialize Data Terminal Sets (DTS)
E4	NON-CORE	Initialize database management systems (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E4	CORE	Initialize radar repeaters
E5	NON-CORE	Initiate link communications
E4	CORE	Input data into electronic charting systems (e.g. navigational, geographical, emergent, etc.)
E4	NON-CORE	Manage databases (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E5	NON-CORE	Manage link interfaces
E6	CORE	Manage Tactical Display System (TDS) operations

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	NON-CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve identification conflicts
E5	CORE	Supervise Tactical Display System (TDS) operations
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Compute Time on Target (TOT)
E5	CORE	Compute Time to Target (TTT)
E4	CORE	Convert plotting units of measure (e.g. grid, polar, degrees, etc.)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) teams
E4	CORE	Plot targets (e.g. grid method, polar method, geodetic, etc.)
E4	CORE	Prepare Naval Surface Fire Support (NSFS) plots
E5	CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate Plan of Intended Movement (PIM)
E5	CORE	Compare ship's plotted position to secondary plots
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Plot ship's position (e.g. radar, Global Positioning System (GPS), visual, etc.)
E5	CORE	Provide collision avoidance recommendations
E4	CORE	Report aids and hazards to navigation
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	CORE	Plot search patterns
E5	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Assign surface contact priorities
E4	CORE	Classify surface contacts

SURFACE WARFARE (SUW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Compare surface weapons targeting solutions
E6	CORE	Conduct shipboard defense against surface threats
E4	NON-CORE	Direct air assets (Surface Warfare (SUW), Undersea Warfare (USW))
E4	NON-CORE	Engage surface targets with anti-surface weapon systems (Harpoon)
E4	CORE	Evaluate surface contacts
E7	CORE	Manage battle group Surface Warfare (SUW) operations
E6	CORE	Manage shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) engagements
E4	CORE	Provide intercept recommendations for surface contacts
E6	CORE	Recommend Surface Warfare (SUW) engagement tactics
E6	CORE	Recommend Surface Warfare (SUW) search and attack plans
E4	CORE	Report surface contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E5	CORE	Supervise surface plotting teams
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E5	CORE	Verify surface contact classifications
E6	CORE	Verify Surface Warfare (SUW) targeting data

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas
E4	CORE	Plot Electronic Warfare (EW) information
E4	NON-CORE	Plot Mine Warfare (MIW) information
E4	CORE	Report lookout (e.g. distress signals, whistles, bells, etc.)
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORDS), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational messages
E4	CORE	Extract required information from Naval messages
E5	CORE	Input magnetic variations
E5	CORE	Inventory Communications Security Material System (CMS) classified material
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute Target Motion Analysis (TMA) solutions
E6	CORE	Correlate Target Motion Analysis (TMA) information
E5	CORE	Evaluate undersea contacts
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	CORE	Plot Target Motion Analysis (TMA) data
E5	CORE	Recommend evasive steering actions
E5	CORE	Recommend torpedo evasion actions
E5	CORE	Recommend Undersea Warfare (USW) search and attack plans
E5	CORE	Review Undersea Warfare (USW) plots
E5	NON-CORE	Utilize air assets for Undersea Warfare (USW) search and attack plans
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze threat weapons data
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure operating mode of systems (training, normal operations)
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Disseminate tactical information
E7	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) during casualty conditions
E4	CORE	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E6	CORE	Review Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	NON-CORE	Review tactical operations data (tactical data link)
E6	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) during special evolutions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team performance
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify Emission Control (EMCON) status

Job Title

Operations Administrator

Job Code

003741

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

OPERATIONS ADMINISTRATOR

Short Title (14 Characters)

OPS ADMIN

Pay Plan

Enlisted

Career Field

OS

Other Relationships and Rules

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; administer chart maintenance; 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

Group Title

Radar

DoD Code

122100

O*NET Relationship

Occupation Title

Computer and Control Center Specialists

SOC Code

55-3015.00

Job Family

Military Specific

Skills

Reading Comprehension
Critical Thinking
Quality Control Analysis
Complex Problem Solving
Coordination
Active Learning
Monitoring
Writing
Operation and Control
Equipment Selection

Abilities

Information Ordering
Written Comprehension
Deductive Reasoning
Inductive Reasoning
Problem Sensitivity
Written Expression
Speech Clarity
Category Flexibility
Auditory Attention
Control Precision

AIR WARFARE (AW) OPERATIONS

Paygrade

Task Type

Task Statements

E4	CORE	Assess air contact priorities
E4	CORE	Maintain aeronautical charts and publications
E5	NON-CORE	Manage aircraft mission plans
E7	CORE	Plan Air Defense (AD) operations

AMPHIBIOUS WARFARE (AMW) OPERATIONS

Paygrade

Task Type

Task Statements

E7	CORE	Plan amphibious operations
E4	CORE	Plot Amphibious Objective Area (AOA) information
E5	CORE	Supervise Amphibious Objective Area (AOA) plots
E5	CORE	Supervise ship-to-shore movements

BALLISTIC MISSILE DEFENSE (BMD) OPERATIONS

Paygrade

Task Type

Task Statements

E5	CORE	Develop watchstander briefs
E6	CORE	Manage Ballistic Missile Defense (BMD) operations

COMMUNICATIONS

Paygrade

Task Type

Task Statements

E4	CORE	Authenticate tactical signals
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COMMUNICATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications
E6	NON-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	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E5	CORE	Record tactical communications (internal, external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, weapons employment)
E4	CORE	Configure Tactical Display System (TDS) for operations
E4	CORE	Coordinate data link operations
E4	NON-CORE	Initialize database management systems (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E4	NON-CORE	Manage databases (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E4	CORE	Verify Identification Friend or Foe (IFF) information

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) teams
E5	CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Develop gazetteers
E4	CORE	Maintain chart inventories
E5	CORE	Provide collision avoidance recommendations
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate aerospace drift for water entry points
E4	CORE	Calculate datums
E7	CORE	Coordinate Search and Rescue (SAR) teams
E4	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E5	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Assign surface contact priorities
E4	CORE	Evaluate surface contacts
E7	CORE	Manage battle group Surface Warfare (SUW) operations
E6	CORE	Manage shipboard Surface Warfare (SUW) operations
E6	CORE	Recommend Surface Warfare (SUW) engagement tactics

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Plot operational requirements (e.g. Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E7	CORE	Review plotted navigation requirements
E4	CORE	Update charts
E6	CORE	Validate plotted navigation requirements
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORDS), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational messages
E4	CORE	Extract required information from Naval messages
E5	CORE	Input magnetic variations
E5	CORE	Inventory Communications Security Material System (CMS) classified material
E5	CORE	Inventory ready publications
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E4	CORE	Record magnetic variations
E5	CORE	Review drafted operational messages
E4	CORE	Validate Casualty Reports (CASREP)
E4	CORE	Verify cryptographic keying material loaded

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Correlate Target Motion Analysis (TMA) information
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze threat weapons data
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure operating mode of systems (training, normal operations)
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness

WATCH TEAM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Disseminate tactical information
E4	CORE	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E6	CORE	Review Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	NON-CORE	Review tactical operations data (tactical data link)
E7	CORE	Review watchstander briefs
E6	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) during special evolutions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team performance
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify Emission Control (EMCON) status

Job Title

Electronic Systems Operator

Job Code

003742

Job Family

Military Specific

NOC

TBD

Short Title (30 Characters)

ELECTRONIC SYSTEMS OPERATOR

Short Title (14 Characters)

ELEC SYS OPER

Pay Plan

Enlisted

Career Field

OS

Other Relationships and Rules

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 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

Radar

DoD Code

122100

Occupation Title

Command and Control Center Specialists

SOC Code

55-3015.00

Job Family

Military Specific

Skills

Complex Problem Solving

Critical Thinking

Operation and Control

Coordination

Writing

Mathematics

Monitoring

Judgment and Decision Making

Reading Comprehension

Speaking

Abilities

Information Ordering

Deductive Reasoning

Inductive Reasoning

Problem Sensitivity

Manual Dexterity

Speech Clarity

Written Comprehension

Control Precision

Finger Dexterity

Rate Control

AIR WARFARE (AW) OPERATIONS

Paygrade

Task Type

Task Statements

E4	CORE	Analyze air contacts
E4	CORE	Assess air contact priorities
E5	CORE	Assign air contact priorities
E5	CORE	Authenticate return to force procedures
E5	CORE	Classify air contacts
E6	CORE	Conduct shipboard defense against airborne threats
E4	CORE	Determine air contact classifications (e.g. checkprints, hails/queries, warnings, etc.)
E4	CORE	Evaluate air contacts
E5	NON-CORE	Input Air Defense (AD) fire control parameters
E7	CORE	Make battle group operation requirement recommendations (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Surface Warfare (SUW), etc.)
E7	CORE	Manage aircraft emergency situations
E6	CORE	Manage shipboard Air Defense (AD) operations
E7	CORE	Plan Air Defense (AD) operations
E5	NON-CORE	Provide tactical information to aircraft (e.g. weapons condition and status, Fleet Air Defense Identification Zone (FADIZ), waypoints, etc.)
E4	CORE	Recommend air contact classifications
E5	NON-CORE	Recommend Air Defense (AD) engagement tactics

AIR WARFARE (AW) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Recommend Air Defense (AD) plans
E4	CORE	Relay aircraft status
E4	CORE	Report air contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report air engagement Battle Damage Assessments (BDA)
E5	CORE	Report return to force assets
E4	CORE	Request illumination on targets
E6	NON-CORE	Supervise air control operations
E5	CORE	Supervise aircraft emergency situations
E4	CORE	Track air contacts
E4	CORE	Update air contact information
E5	NON-CORE	Update controlled aircraft status

AMPHIBIOUS WARFARE (AMW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Determine amphibious craft positions
E7	CORE	Manage ship-to-shore movements
E4	CORE	Plot Amphibious Objective Area (AOA) information
E4	NON-CORE	Provide support information to aircraft (e.g. safety of flight, advisory control, amphibious mission support, etc.)
E4	CORE	Report ship-to-shore movements
E5	CORE	Supervise Amphibious Objective Area (AOA) plots
E5	CORE	Supervise ship-to-shore movements

BALLISTIC MISSILE DEFENSE (BMD) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze space or ballistic contacts
E4	CORE	Classify space or ballistic contacts
E5	CORE	Develop watchstander briefs
E4	CORE	Evaluate space or ballistic contact information
E5	CORE	Report space or ballistic contacts
E4	CORE	Track space or ballistic contacts
E4	CORE	Update space or ballistic contact information

COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Authenticate tactical signals
E4	CORE	Decode tactical signals
E4	CORE	Encode tactical signals
E4	CORE	Log external tactical communications

COMMUNICATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Make operational and situational reports (e.g. Air Defense (AD), Ballistic Missile Defense (BMD), Sea Combat Commander (SCC), etc.)
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E5	CORE	Record tactical communications (internal, external)
E4	CORE	Test Combat Information Center (CIC)/Combat Direction Center (CDC) communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure automatic tracking features
E4	CORE	Configure Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, 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 radar repeaters
E4	CORE	Configure radar settings remotely
E4	CORE	Configure Tactical Air Navigation (TACAN)
E4	CORE	Configure Tactical Display System (TDS) for operations
E4	CORE	Coordinate data link operations
E5	NON-CORE	Establish data links (dual-net multi-frequency data links and multi-frequency links)
E4	CORE	Evaluate Automatic Identification Systems (AIS) information
E4	CORE	Evaluate radar performance
E4	CORE	Evaluate systems status (e.g. Tactical Display System (TDS), radar, Identification Friend or Foe (IFF), etc.)
E4	NON-CORE	Initialize Data Terminal Sets (DTS)
E4	NON-CORE	Initialize database management systems (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E4	CORE	Initialize radar repeaters
E5	NON-CORE	Initiate link communications
E4	CORE	Input data into electronic charting systems (e.g. navigational, geographical, emergent, etc.)
E4	NON-CORE	Manage databases (e.g. Global Command and Control System (GCCS), Air Defense Systems Integrator (ADSI), etc.)
E5	NON-CORE	Manage link interfaces
E6	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Process emergency signals
E4	NON-CORE	Report Tactical Display System (TDS) interface issues
E4	CORE	Resolve identification conflicts

ELECTRONIC SYSTEMS OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise Tactical Display System (TDS) operations
E4	NON-CORE	Troubleshoot Global Command and Control System (GCCS)
E4	CORE	Verify Identification Friend or Foe (IFF) information
E4	CORE	Verify track identification information

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Compute Time on Target (TOT)
E5	CORE	Compute Time to Target (TTT)
E6	CORE	Coordinate Naval Surface Fire Support (NSFS) engagements
E7	CORE	Manage Naval Surface Fire Support (NSFS) teams
E4	CORE	Plot targets (e.g. grid method, polar method, geodetic, etc.)
E4	CORE	Prepare Naval Surface Fire Support (NSFS) plots
E5	CORE	Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Calculate compensating and correcting courses and speeds
E4	CORE	Calculate Plan of Intended Movement (PIM)
E4	CORE	Calculate set and drift
E4	CORE	Compare radar scope presentations with charts
E4	CORE	Compute course and speed made good
E4	CORE	Compute magnetic variation
E4	CORE	Compute swing and drag circle radii
E4	CORE	Correlate lookout information with radar presentations
E7	CORE	Manage navigation teams during special evolutions (e.g. restricted waters, man overboard, straits transits, etc.)
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship's advance and transfer
E4	CORE	Plot ship's position (e.g. radar, Global Positioning System (GPS), visual, etc.)
E5	CORE	Plot ship's position during special evolutions (e.g. restricted waters, man overboard, straits transit, etc.)
E4	CORE	Plot ship's track
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Provide collision avoidance recommendations
E4	CORE	Report aids and hazards to navigation
E5	CORE	Report gyrocompass errors
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) anchoring evolutions

NAVIGATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Validate charted depth
E4	CORE	Validate fix data
E4	CORE	Validate navigation plots
E5	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot search areas for maritime Search and Rescue (SAR) operations
E4	CORE	Plot search patterns
E4	CORE	Provide man overboard information (e.g. bearing, distance, recovery options, etc.)
E5	CORE	Provide Search and Rescue (SAR) operation recommendations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Assign surface contact priorities
E4	CORE	Classify surface contacts
E6	CORE	Compare surface weapons targeting solutions
E6	CORE	Conduct shipboard defense against surface threats
E4	NON-CORE	Engage surface targets with anti-surface weapon systems (Harpoon)
E4	CORE	Evaluate surface contacts
E6	CORE	Manage shipboard Surface Warfare (SUW) operations
E4	CORE	Plot surface contacts
E4	CORE	Plot Surface Warfare (SUW) engagements
E4	CORE	Provide intercept recommendations for surface contacts
E6	CORE	Recommend Surface Warfare (SUW) engagement tactics
E6	CORE	Recommend Surface Warfare (SUW) search and attack plans
E4	CORE	Report surface contacts (e.g. Contacts of Interest (COI), Critical Contacts of Interest (CCOI), etc.)
E4	CORE	Report surface engagement Battle Damage Assessments (BDA)
E5	CORE	Supervise surface plotting teams
E4	CORE	Track surface contacts
E4	CORE	Update surface contact information
E5	CORE	Verify surface contact classifications
E6	CORE	Verify Surface Warfare (SUW) targeting data

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate maneuvering board solutions
E4	CORE	Plot Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) areas

TACTICAL SUPPORT OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot environmental conditions (e.g. true wind, weather, sea temperature, etc.)
E4	NON-CORE	Plot Mine Warfare (MIW) information
E4	CORE	Plot operational requirements (e.g. Operational Orders (OPORDS), Operational Plans (OPLAN), Operational Taskings (OPTASK), etc.)
E4	CORE	Report lookout (e.g. distress signals, whistles, bells, etc.)
E4	CORE	Update charts
E6	CORE	Verify extracted information from operational tasking (e.g. Operational Orders (OPORDS), Operations Schedules (OPSKED), Operational Taskings (OPTASK), etc.)

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft operational messages
E4	CORE	Extract required information from Naval messages
E5	CORE	Input magnetic variations
E5	CORE	Inventory Communications Security Material System (CMS) classified material
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E4	CORE	Record magnetic variations
E4	CORE	Verify cryptographic keying material loaded

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute Target Motion Analysis (TMA) solutions
E6	CORE	Correlate Target Motion Analysis (TMA) information
E5	CORE	Evaluate undersea contacts
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	CORE	Plot Target Motion Analysis (TMA) data
E5	CORE	Recommend evasive steering actions
E5	CORE	Recommend torpedo evasion actions
E5	CORE	Recommend Undersea Warfare (USW) search and attack plans
E5	CORE	Review Undersea Warfare (USW) plots
E5	NON-CORE	Utilize air assets for Undersea Warfare (USW) search and attack plans
E7	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze threat weapons data
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure operating mode of systems (training, normal operations)

WATCH TEAM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Disseminate tactical information
E7	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) during casualty conditions
E4	CORE	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E6	CORE	Review Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	NON-CORE	Review tactical operations data (tactical data link)
E6	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) during special evolutions
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) watch team performance
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E5	CORE	Verify Emission Control (EMCON) status