

CHAPTER 59



OPERATIONS SPECIALIST (OS)

NAVPERS 18068-59F

CH-59

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

OPERATIONS SPECIALIST (OS)



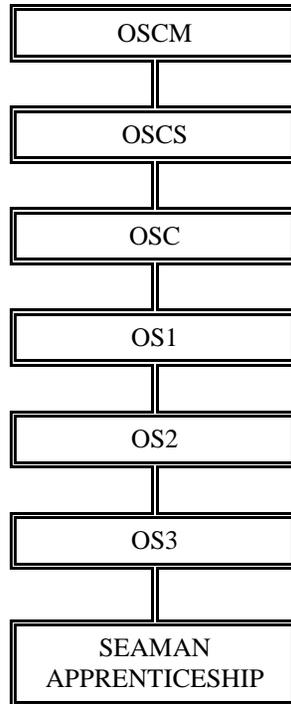
SCOPE OF RATING

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), Submarine Warfare (USW), Amphibious Warfare (AMW), Mine Warfare (MIW), Littoral Warfare (LW), Naval Surface Fire Support (NSFS), 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**

Transportation and Material Moving

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 0318, 0319, 0324, 0327, and 0328

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**

Radar

DoD Code

122100

Occupation Title

Air Traffic Controllers

SOC Code

53-2021.00

Job Family

Transportation and Material Moving

Skills*Complex Problem Solving**Critical Thinking**Equipment Selection**Monitoring**Operation and Control**Speaking**Judgment and Decision Making**Instructing**Writing**Operation Monitoring***Abilities***Deductive Reasoning**Speech Clarity**Problem Sensitivity**Inductive Reasoning**Written Expression**Written Comprehension**Control Precision**Information Ordering**Time Sharing**Arm-Hand Steadiness***AIR WARFARE (AW) OPERATIONS****Paygrade****Task Type****Task Statements**

E4

CORE

Analyze air Contacts of Interest (COI)

E5

CORE

Assign air contact priorities

E4

CORE

Assign symbology to air contacts

E5

NON-CORE

Conduct aircraft mission planning

E4

CORE

Conduct shipboard defense against airborne threats

E4

CORE

Determine air contact classifications

E4

CORE

Evaluate air contact information

E4

CORE

Input Air Defense (AD) fire control parameters

E4

CORE

Interpret symbology of air contacts

E5

CORE

Maintain aeronautical charts and publications

E7

CORE

Make battle group Air Defense (AD) operation recommendations

E6

CORE

Manage shipboard Air Defense (AD) operations

E5

CORE

Perform air engagement Battle Damage Assessments (BDA)

E5

NON-CORE

Provide tactical information to aircraft

E6

NON-CORE

Recommend Air Defense (AD) engagement tactics

E5

NON-CORE

Recommend Air Defense (AD) search and attack plans

E4

CORE

Report air Contacts of Interest (COI)

E4

CORE

Review Air Defense (AD) intelligence documents

E6

CORE

Supervise air control operations

E5

CORE

Supervise aircraft emergency situations

E4	CORE	Track air Contacts of Interest (COI)
E4	CORE	Update air contact information
E4	CORE	Update aircraft status
E5	NON-CORE	Update controlled aircraft status

COMMUNICATIONS

<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
E5	CORE	Make operational and situational reports
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E4	CORE	Perform internal communications (verbal communications, sound powered phone, and Internal Voice Communication System (IVCS))
E4	CORE	Record internal and external tactical communications
E4	CORE	Test communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust informational display systems
E4	CORE	Evaluate Tactical Display Systems (TDS) information
E4	NON-CORE	Manage databases
E5	CORE	Provide Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, weapons employment)
E5	CORE	Supervise command and control systems operations
E5	CORE	Supervise Tactical Display System (TDS) operations

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Utilize air assets for Surface Warfare (SUW) search and attack plans

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Utilize air assets for Undersea Warfare (USW) search and attack plans

Job Title**Navigation And Plotting Specialist****Job Code****003739****Job Family**

Transportation and Material Moving

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

As assigned to Job

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) and Surface Warfare (SUW) plots, navigation, weather, and anchoring operations.

DoD RelationshipGroup Title

Radar

DoD Code

122100

O*NET RelationshipOccupation Title

Mates-Ship, Boat, and Barge

SOC Code

53-5021.02

Job Family

Transportation and Material Moving

Skills

Writing

Mathematics

Speaking

Complex Problem Solving

Monitoring

Equipment Selection

Active Learning

Reading Comprehension

Coordination

Operation and Control

Abilities

Manual Dexterity

Speech Clarity

Mathematical Reasoning

Information Ordering

Written Comprehension

Inductive Reasoning

Problem Sensitivity

Deductive Reasoning

Time Sharing

Far Vision

AMPHIBIOUS WARFARE (AMW) OPERATIONS**Paygrade**

E5

Task Type

CORE

Task Statements

Calculate amphibious craft positions

E4

CORE

Plot Amphibious Objective Area (AOA) information

E4

CORE

Plot Amphibious Warfare (AMW) symbology

E5

CORE

Supervise Amphibious Objective Area (AOA) plots

ELECTRONIC SYSTEMS OPERATIONS**Paygrade**

E4

Task Type

CORE

Task Statements

Adjust informational display systems

E4

CORE

Evaluate Tactical Display Systems (TDS) information

E4

CORE

Load waypoints and tracks into electronic charting systems

E5

CORE

Supervise Tactical Display System (TDS) operations

NAVAL SURFACE FIRE SUPPORT (NSFS) OPERATIONS**Paygrade**

E6

Task Type

CORE

Task Statements

Plan Naval Surface Fire Support (NSFS) engagements

E4

CORE

Plot friendly positions, lines, and no fire zones

E4

CORE

Plot targets using grid methods

E4

CORE

Plot targets using polar methods

E5

CORE

Supervise Naval Surface Fire Support (NSFS) plot teams

NAVIGATION**Paygrade**

E4

Task Type

CORE

Task Statements

Calculate set and drift

E4	CORE	Calculate ship's position relative to Plan of Intended Movement (PIM)
E4	CORE	Compare fathometer readings with charts
E4	CORE	Compare lookout information with fix data
E4	CORE	Compare lookout information with navigation plots
E4	CORE	Compare radar scope presentations with charts
E4	CORE	Compute course and speed made good
E4	CORE	Correlate lookout information with radar presentations
E4	CORE	Plot anchorages
E4	CORE	Plot Dead Reckoning (DR) tracks
E4	CORE	Plot ship's position
E4	CORE	Plot ship's position during navigation detail
E4	CORE	Plot swept channels
E4	CORE	Plot swing and drag circles
E5	CORE	Recommend actions based on international or inland Rules of the Road (ROR)
E4	CORE	Report aids and hazards to navigation
E4	CORE	Report gyrocompass errors
E4	CORE	Report latitude and longitude from plotted positions on nautical charts
E6	CORE	Supervise anchoring operations
E7	CORE	Supervise navigation teams during navigation detail
E6	CORE	Verify plotting of swept channels

SEARCH AND RESCUE (SAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Evaluate search areas for maritime Search and Rescue (SAR) operations
E4	CORE	Plot distress signals, bearings, and ranges
E4	CORE	Plot man overboard positions
E4	CORE	Plot shipboard search patterns
E5	NON-CORE	Provide Search and Rescue (SAR) approaches for aircraft
E4	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	Plot surface contact information
E4	CORE	Plot Surface Warfare (SUW) engagements

TACTICAL SUPPORT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate maneuvering board solutions for Closest Point of Approach (CPA)
E4	CORE	Calculate maneuvering board solutions for scouting problems
E4	CORE	Calculate maneuvering board solutions for station changes
E4	CORE	Calculate maneuvering board solutions for surface contact course and speed
E4	CORE	Calculate maneuvering board solutions to determine avoidance courses
E4	CORE	Calculate maneuvering board wind problems
E4	CORE	Compute water depth
E4	CORE	Perform man overboard procedures

E5	CORE	Plot approved tracks
E4	CORE	Plot Chemical, Biological, Radiological, and Nuclear Explosive (CBRNE) areas
E5	CORE	Plot departure and approach points for great circle sailing
E5	CORE	Plot diversion points for transit routes
E4	CORE	Plot Electronic Warfare (EW) information
E4	CORE	Plot environmental conditions
E4	CORE	Plot Mine Warfare (MIW) information
E5	CORE	Plot navigation hazards
E4	CORE	Plot navigation requirements from operation orders
E5	CORE	Plot Plan of Intended Movement (PIM) tracks
E5	CORE	Plot ship's advance and transfer
E5	CORE	Prepare restricted water tracks
E4	CORE	Report air contacts
E4	CORE	Report audible information
E4	CORE	Report surface contacts
E4	CORE	Report visual information
E7	CORE	Review great circle sailing routes
E7	CORE	Review prepared charts
E5	CORE	Update fixed points on charts

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Compute ship's advance and transfer
E4	CORE	Correct nautical charts
E4	CORE	Maintain chart allowance inventories
E4	CORE	Plot deviations and variations
E4	CORE	Review foreign chart information

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust systems for normal operations
E4	CORE	Adjust systems for training 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
E4	CORE	Review combat systems equipment status
E4	CORE	Review tactical operations data
E4	CORE	Review threat weapons data
E4	CORE	Review watch-related operational references
E5	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

E5	CORE	Supervise equipment alignments according to Emission Control (EMCON) plans
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E4	CORE	Verify equipment alignment according to Emission Control (EMCON) plans

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

0332, 0334, 0350

Job Description

Warfare Operators recommend defensive and offensive actions against air, surface, and subsurface threats to concerned command and control watch stations; coordinate and operate data link systems, 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 air and surface warfare situational awareness.

DoD RelationshipGroup Title

Radar

DoD Code

122100

O*NET RelationshipOccupation TitleCommand and Control
Center SpecialistsSOC Code

55-3015.00

Job Family

Military Specific

Skills

Complex Problem Solving
Critical Thinking
Equipment Selection
Monitoring
Speaking
Judgment and Decision Making
Reading Comprehension
Operation and Control
Active Learning
Operation Monitoring

Abilities

Inductive Reasoning
Information Ordering
Deductive Reasoning
Speech Clarity
Problem Sensitivity
Written Comprehension
Written Expression
Finger Dexterity
Arm-Hand Steadiness
Category Flexibility

AIR WARFARE (AW) OPERATIONS**Paygrade****Task Type****Task Statements**

E4	CORE	Analyze air Contacts of Interest (COI)
E5	CORE	Assign air contact priorities
E4	CORE	Assign symbology to air contacts
E4	CORE	Conduct shipboard defense against airborne threats
E4	CORE	Determine air contact classifications
E4	CORE	Evaluate air contact information
E4	CORE	Input Air Defense (AD) fire control parameters
E4	CORE	Interpret symbology of air contacts
E7	CORE	Make battle group Air Defense (AD) operation recommendations
E6	CORE	Manage shipboard Air Defense (AD) operations
E5	CORE	Perform air engagement Battle Damage Assessments (BDA)
E5	CORE	Plan Air Defense (AD) engagements
E6	NON-CORE	Recommend Air Defense (AD) engagement tactics
E5	NON-CORE	Recommend Air Defense (AD) search and attack plans
E4	CORE	Report air Contacts of Interest (COI)
E4	CORE	Report return to force assets
E4	CORE	Review Air Defense (AD) intelligence documents
E7	CORE	Review Air Defense (AD) search and attack plans
E4	CORE	Track air Contacts of Interest (COI)

E4 CORE Update air contact information

AMPHIBIOUS WARFARE (AMW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Plan amphibious operations

BALLISTIC MISSILE DEFENSE (BMD) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Analyze space or ballistic Contacts of Interest (COI)
E4	CORE	Assign symbology to space or ballistic contacts
E4	NON-CORE	Determine space or ballistic contact classifications
E4	NON-CORE	Evaluate space or ballistic contact information
E4	CORE	Interpret symbology of space or ballistic contacts
E7	CORE	Make battle group Ballistic Missile Defense (BMD) operation recommendations
E6	NON-CORE	Manage shipboard Ballistic Missile Defense (BMD) operations
E4	CORE	Report space or ballistic Contacts of Interest (COI)
E4	CORE	Review Ballistic Missile Defense (BMD) intelligence documents
E4	CORE	Update space or ballistic contact information

COMMUNICATIONS

<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
E5	CORE	Make operational and situational reports
E4	CORE	Perform external communications (ship-to-ship, ship-to-shore, ship-to-air)
E4	CORE	Perform internal communications (verbal communications, sound powered phone, and Internal Voice Communication System (IVCS))
E4	CORE	Record internal and external tactical communications
E4	CORE	Test communication systems

ELECTRONIC SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Coordinate data link operations
E4	NON-CORE	Establish data links (dual-net multi-frequency data links and multi-frequency links)
E4	CORE	Evaluate Tactical Display Systems (TDS) information
E5	CORE	Initialize Data Terminal Sets (DTS)
E5	CORE	Initiate link communications
E4	CORE	Manage Tactical Display System (TDS) interfaces
E6	CORE	Manage Tactical Display System (TDS) operations
E4	CORE	Perform link track correlations
E4	CORE	Verify Identification Friend or Foe (IFF) information

SURFACE WARFARE (SUW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze surface Contacts of Interest (COI)
E5	CORE	Assign surface contact priorities

E4	CORE	Assign symbology to surface contacts
E6	CORE	Compare surface weapons targeting solutions
E6	CORE	Conduct shipboard defense against surface threats
E6	CORE	Correlate Surface Warfare (SUW) targeting data
E6	CORE	Determine surface contact classifications
E4	NON-CORE	Engage surface targets with harpoon weapon systems
E5	CORE	Evaluate surface contact information
E5	CORE	Evaluate surface plotting techniques and procedures
E4	CORE	Interpret symbology of surface contacts
E7	CORE	Make battle group Surface Warfare (SUW) operation recommendations
E6	CORE	Make ship's movement recommendations to prosecute Contacts of Interest (COI)
E6	CORE	Manage shipboard Surface Warfare (SUW) operations
E4	CORE	Perform surface engagement Battle Damage Assessments (BDA)
E6	CORE	Plan Surface Warfare (SUW) engagements
E6	CORE	Recommend surface target engagement with anti-surface weapons
E5	NON-CORE	Recommend Surface Warfare (SUW) engagement tactics
E7	CORE	Recommend Surface Warfare (SUW) search and attack plans
E4	CORE	Report surface Contacts of Interest (COI)
E4	CORE	Review Surface Warfare (SUW) intelligence documents
E4	CORE	Track surface Contacts of Interest (COI)
E4	CORE	Update surface contact information

UNDERSEA WARFARE (USW) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Evaluate undersea contact information
E7	CORE	Evaluate Undersea Warfare (USW) plots
E4	CORE	Perform Target Motion Analysis (TMA)
E4	CORE	Plot Undersea Warfare (USW) symbology
E6	CORE	Provide evasive steering action recommendations
E6	CORE	Provide torpedo evasion tactic recommendations
E6	CORE	Recommend Undersea Warfare (USW) search and attack plans
E5	CORE	Review Undersea Warfare (USW) plots
E6	CORE	Validate Water Space Management (WSM) plans

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust systems for normal operations
E4	CORE	Adjust systems for training operations
E5	NON-CORE	Direct execution of Warfare Commander's messages and intentions
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Disseminate tactical information
E5	CORE	Execute Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines

E4	CORE	Execute Commanding Officer's (CO) tactical orders
E5	CORE	Make Combat Information Center (CIC)/Combat Direction Center (CDC) statement recommendations
E5	CORE	Manage Combat Information Center (CIC)/Combat Direction Center (CDC) during casualty conditions
E4	CORE	Monitor assignment and engagement status of own ship's weapons systems
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	CORE	Review combat systems equipment status
E4	CORE	Review Rules of Engagement (ROE)
E4	CORE	Review tactical operations data
E4	CORE	Review threat weapons data
E4	CORE	Review Warfare Commander's messages and intentions
E4	CORE	Review watch-related operational references
E5	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
E5	CORE	Supervise equipment alignments according to Emission Control (EMCON) plans
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E4	CORE	Verify equipment alignment according to Emission Control (EMCON) plans
E5	CORE	Verify systems alignment to Commanding Officer's (CO) tactical orders

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 0326

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**Command and Control
Center Specialists**SOC Code**

55-3015.00

Job Family

Military Specific

Skills*Reading Comprehension**Active Learning**Management of Material Resources**Quality Control Analysis**Equipment Selection**Writing**Monitoring**Operation and Control**Complex Problem Solving**Judgment and Decision Making***Abilities***Information Ordering**Written Comprehension**Deductive Reasoning**Speech Clarity**Written Expression**Problem Sensitivity**Arm-Hand Steadiness**Manual Dexterity**Selective Attention**Time Sharing***COMMUNICATIONS****Paygrade**

E4

Task Type

CORE

Task Statements

Decode tactical signals

E5

NON-CORE

Develop communication plans

E4

CORE

Encode tactical signals

E4

CORE

Log external tactical communications

E5

CORE

Make operational and situational reports

E4

CORE

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

E4

CORE

Perform internal communications (verbal communications, sound powered phone, and Internal Voice Communication System (IVCS))

E4

CORE

Record internal and external tactical communications

E4

CORE

Test communication systems

SEARCH AND RESCUE (SAR) OPERATIONS**Paygrade**

E7

Task Type

CORE

Task Statements

Coordinate Search and Rescue (SAR) teams

TECHNICAL ADMINISTRATION**Paygrade**

E4

Task Type

CORE

Task Statements

Control Communications Security Material System (CMS) classified material

E4

CORE

Destroy Communications Security Material System (CMS) classified material

E5

CORE

Draft messages

E4

CORE

Interpret Naval messages

E4

CORE

Inventory Communications Security Material System (CMS) classified material

E4	CORE	Issue Communications Security Material System (CMS) classified material
E5	CORE	Load cryptographic keying material
E4	CORE	Maintain Combat Information Center (CIC)/Combat Direction Center (CDC) watch logs
E5	CORE	Maintain publication libraries
E6	CORE	Review nautical chart corrections
E4	CORE	Safeguard Communications Security Material System (CMS) classified material
E4	CORE	Store Communications Security Material System (CMS) classified material
E7	CORE	Verify message formats

WATCH TEAM OPERATIONS

<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	Prepare Combat Information Center (CIC)/Combat Direction Center (CDC) for special evolutions
E4	CORE	Review combat systems equipment status
E4	CORE	Review tactical operations data
E4	CORE	Review threat weapons data
E4	CORE	Review Warfare Commander's messages and intentions
E4	CORE	Review watch-related operational references
E5	CORE	Supervise Combat Information Center (CIC)/Combat Direction Center (CDC) during special evolutions
E5	CORE	Supervise equipment alignments according to Emission Control (EMCON) plans
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Update plotting and status boards
E4	CORE	Verify equipment alignment according to Emission Control (EMCON) plans
E5	CORE	Verify systems alignment to Commanding Officer's (CO) tactical orders

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

As assigned to Job

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**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*Equipment Selection**Operation and Control**Monitoring**Reading Comprehension**Critical Thinking**Active Learning**Complex Problem Solving**Judgment and Decision Making**Instructing**Management of Personnel Resources***Abilities***Deductive Reasoning**Information Ordering**Problem Sensitivity**Inductive Reasoning**Written Comprehension**Speech Clarity**Control Precision**Rate Control**Time Sharing**Written Expression***COMMUNICATIONS****Paygrade****Task Type****Task Statements**

E4

CORE

Decode tactical signals

E4

CORE

Encode tactical signals

E4

CORE

Log external tactical communications

E5

CORE

Make operational and situational reports

E4

CORE

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

E4

CORE

Perform internal communications (verbal communications, sound powered phone, and Internal Voice Communication System (IVCS))

E4

CORE

Record internal and external tactical communications

E4

CORE

Test communication systems

ELECTRONIC SYSTEMS OPERATIONS**Paygrade****Task Type****Task Statements**

E4

CORE

Adjust Identification Friend or Foe (IFF) equipment

E4

CORE

Adjust informational display systems

E4

CORE

Analyze Automatic Identification Systems (AIS) information

E4

CORE

Configure automatic tracking features

E4

CORE

Configure radars at Remote Control Panels (RCP)

E4

CORE

Coordinate data link operations

E4

NON-CORE

Establish data links (dual-net multi-frequency data links and multi-frequency links)

E4

CORE

Evaluate radar performance

E4

CORE

Evaluate Tactical Display Systems (TDS) information

E4	CORE	Identify emergency signals
E5	CORE	Initialize Data Terminal Sets (DTS)
E5	CORE	Initiate link communications
E4	NON-CORE	Manage databases
E4	CORE	Manage Tactical Display System (TDS) interfaces
E4	CORE	Monitor radar performance at Remote Control Panels (RCP)
E4	CORE	Perform link track correlations
E5	CORE	Provide Command, Control, Computer, Communication, and Intelligence (C4I) systems for operations (watch, prosecution, weapons employment)
E4	CORE	Resolve identification conflicts
E5	CORE	Supervise command and control systems operations
E5	CORE	Supervise Tactical Display System (TDS) operations
E4	CORE	Verify friendly and hostile tracks
E4	CORE	Verify Identification Friend or Foe (IFF) information

WATCH TEAM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust systems for normal operations
E4	CORE	Adjust systems for training operations
E4	CORE	Configure systems to Commanding Officer's (CO) tactical orders
E5	NON-CORE	Direct execution of Warfare Commander's messages and intentions
E6	CORE	Direct transition of Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness
E4	CORE	Disseminate tactical information
E5	CORE	Execute Combat Information Center (CIC)/Combat Direction Center (CDC) doctrines
E4	CORE	Execute Commanding Officer's (CO) tactical orders
E5	CORE	Make Combat Information Center (CIC)/Combat Direction Center (CDC) statement recommendations
E5	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
E4	CORE	Review combat systems equipment status
E4	CORE	Review tactical operations data
E4	CORE	Review threat weapons data
E4	CORE	Review Warfare Commander's messages and intentions
E4	CORE	Review watch-related operational references
E5	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
E5	CORE	Supervise equipment alignments according to Emission Control (EMCON) plans
E4	CORE	Transition Combat Information Center (CIC)/Combat Direction Center (CDC) between conditions of readiness

E4	CORE	Update plotting and status boards
E4	CORE	Verify equipment alignment according to Emission Control (EMCON) plans
E5	CORE	Verify systems alignment to Commanding Officer's (CO) tactical orders