

CHAPTER 20



CRYPTOLOGIC TECHNICIAN (TECHNICAL) (CTT)

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NAVY ENLISTED OCCUPATIONAL STANDARD
FOR
CRYPTOLOGIC TECHNICIAN (TECHNICAL) (CTT)



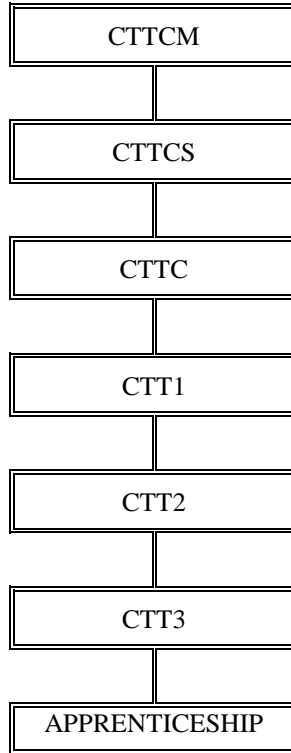
SCOPE OF RATING

Cryptologic Technicians (Technical) (CTT) conduct Electronic Warfare (EW) in support of National and Commanders' tasking; operate and maintain electronic sensors and computer systems; collect, analyze, exploit, and disseminate Electronic Intelligence (ELINT) in accordance with National and Fleet tasking; provide safety of forces, Indications and Warning (I&W), Information Operations (IO), and Anti-Ship Missile Defense (ASMD); and provide technical and tactical guidance to Warfare Commanders and National consumers in support of surface, subsurface, air, and special warfare 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) as Chapter 20.

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**Technical Electronic Intelligence Analyst****Job Code****001090****Job Family**

Protective Service

NOC

TBD

Short Title (30 Characters)

TECH ELECTRONIC INTELL ANALYST

Short Title (14 Characters)

ELINT ANALYST

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Technical Electronic Intelligence (TECHELINT) Analysts perform intermediate and advanced collection, measurement, and technical analysis of non-communication signals derived from multiple intelligence production resources; analyze and report all-source information for tactical and strategic Commanders in support of National, Fleet, and Theater objectives; and produce assessments detailing the capabilities and vulnerabilities of foreign non-communication and weapons systems.

DoD Relationship**Group Title**

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET Relationship**Occupation Title**

Intelligence Analysts

SOC Code

33-3021.06

Job Family

Protective Service

Skills*Critical Thinking**Coordination**Complex Problem Solving**Operation and Control**Judgment and Decision Making**Management of Material Resources**Writing**Monitoring**Active Learning**Management of Personnel Resources***Abilities***Deductive Reasoning**Written Expression**Inductive Reasoning**Written Comprehension**Oral Expression**Information Ordering**Perceptual Speed**Mathematical Reasoning**Control Precision**Time Sharing***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Paygrade**

E5

Task Type

CORE

Task Statements

Manage system software updates

ELECTROMAGNETIC SPECTRUM OPERATIONS**Paygrade**

E5

Task Type

CORE

Task Statements

Determine jamming sources

E5

CORE

Determine satellite vulnerabilities

E4

CORE

Identify Electromagnetic Interference (EMI)

E4

CORE

Monitor Electromagnetic (EM) spectrum

E5

CORE

Predict equipment performance characteristics based on atmospheric data

E5

CORE

Report Electromagnetic Interference (EMI)

E5

CORE

Report jamming sources

E5

CORE

Research jamming sources

ELECTROMAGNETIC WARFARE OPERATIONS**Paygrade**

E6

Task Type

CORE

Task Statements

Manage Electromagnetic Warfare (EW) system operations

E6

CORE

Manage Electromagnetic Warfare (EW) systems during casualty conditions

E7

CORE

Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

E6

CORE

Manage watch teams

E4

CORE

Perform Electromagnetic Support (ES) operations

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform fusion analysis
E4	CORE	Startup Tactical Data Processors (TDP)
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate blind speeds
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	NON-CORE	Coordinate with respective consumer (e.g., feedback)
E4	NON-CORE	Coordinate within Global Signals Analysis Laboratory (GSAL) structure
E4	CORE	Correlate National systems data to platform
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E5	NON-CORE	Measure doppler shifts
E4	NON-CORE	Perform frequency domain analysis
E4	CORE	Provide source of overhead systems data (e.g., orbitology/collector diagraph)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E4	CORE	Research Intelligence Community (IC) databases

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electromagnetic Warfare (EW) Equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E4	CORE	Transfer data between systems
E5	CORE	Update national databases
E6	CORE	Validate Electronic Intelligence (ELINT) logs
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E5	NON-CORE	Coordinate target analysis
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate Joint Signals Intelligence (SIGINT) collection plans

PLANNING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Develop Concept of Operations (CONOP)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions

Job Title**Surface Electronic Warfare Operator****Job Code****001095****Job Family**

Computer and Mathematical

NOC

TBD

Short Title (30 Characters)

SURFACE EW OPERATOR

Short Title (14 Characters)

SURF EW OPER

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Surface Electronic Warfare Operators operate state-of-the-art electronic receivers and associated analysis and recording equipment in the collection of airborne, shipborne, land-based, subsurface Radio Detection and Ranging (RADAR), and other signals within the electromagnetic (EM) spectrum; interpret intercepted electronic signals to determine their source to support the tactical Common Operational Picture (COP); and execute tactics in accordance with doctrine and report information to tactical and strategic Commanders in support of National, Fleet, and Theater objectives.

DoD Relationship**Group Title**

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET Relationship**Occupation Title**

Network and Computer Systems Administrators

SOC Code

15-1244.00

Job Family

Computer and Mathematical

Skills*Critical Thinking**Management of Material Resources**Coordination**Operation and Control**Judgment and Decision Making**Complex Problem Solving**Quality Control Analysis**Writing**Monitoring**Reading Comprehension***Abilities***Deductive Reasoning**Inductive Reasoning**Written Expression**Written Comprehension**Oral Expression**Information Ordering**Perceptual Speed**Control Precision**Time Sharing**Problem Sensitivity***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Paygrade****Task Type****Task Statements**

E4

NON-CORE

Analyze blueprints and ship's drawings

E7

CORE

Approve equipment installations, testing, and alterations

E4

CORE

Conduct equipment validations

E7

CORE

Coordinate Combat Systems Alignment (CSA) evolutions

E6

NON-CORE

Coordinate Electromagnetic Warfare (EW) equipment installations

E6

NON-CORE

Coordinate Electromagnetic Warfare (EW) equipment removals

E7

CORE

Coordinate Electromagnetic Warfare (EW) systems software, firmware installations and updates

E7

CORE

Coordinate equipment certifications and recertifications

E6

NON-CORE

Coordinate System Operation Verification Testing (SOVT)

E7

NON-CORE

Interpret test and evaluation range results (e.g., ULM-4, Passive Countermeasures System (PCMS), etc.)

E4

CORE

Maintain alarm, safety, and warning systems

E5

CORE

Maintain preventive maintenance documents

E5

CORE

Manage system software updates

E4

CORE

Test alarm, safety, and warning systems

E6

NON-CORE

Update Combat Systems Operational Sequencing System (CSOSS)

E4

CORE

Validate Combat Systems Operational Sequencing System (CSOSS)

ELECTROMAGNETIC SPECTRUM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct Electronic Warfare Control Ship (EWCS) procedures
E5	CORE	Configure Own Force Monitoring (OFM) equipment
E6	CORE	Construct Electromagnetic (EM) Battlespace plans (e.g., Real Time Spectrum Operations (RTSO), Emission Control (EMCON), etc.)
E5	CORE	Determine jamming sources
E5	CORE	Determine satellite vulnerabilities
E4	CORE	Identify Electromagnetic Interference (EMI)
E7	NON-CORE	Manage spectrum plans
E5	CORE	Mitigate Electromagnetic Interference (EMI)
E4	CORE	Monitor Electromagnetic (EM) spectrum
E4	CORE	Monitor own force emissions
E5	NON-CORE	Obtain space weather reports for Electromagnetic Spectrum Operations (EMSO)
E5	CORE	Perform unit level Electromagnetic Spectrum Operations (EMSO)
E5	CORE	Predict equipment performance characteristics based on atmospheric data
E5	CORE	Report Electromagnetic Interference (EMI)
E5	CORE	Report jamming sources
E5	CORE	Research jamming sources
E5	NON-CORE	Shutdown Own Force Monitoring (OFM) equipment
E5	NON-CORE	Startup Own Force Monitoring (OFM) equipment
E6	CORE	Validate Electromagnetic Spectrum Operations (EMSO) documentation (e.g., Real Time Spectrum Operations (RTSO), Hazards of Electromagnetic Radiation to Ordnance (HERO), Emission Control (EMCON), etc.)

ELECTROMAGNETIC WARFARE OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct Radar Cross Section (RCS) testing
E4	NON-CORE	Configure Common Integrated Broadcast (CIB) radio receiving equipment
E4	CORE	Configure Electromagnetic Warfare (EW) systems
E4	CORE	Configure Electromagnetic Warfare (EW) systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF)
E5	CORE	Construct local emitter libraries
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW) test range runs
E4	CORE	Coordinate Emission Control (EMCON) conditions
E4	CORE	Deploy Electromagnetic Warfare (EW) countermeasures
E6	CORE	Develop Electromagnetic Warfare (EW) Doctrine Review Board (DRB) Data
E7	NON-CORE	Develop Electromagnetic Warfare (EW) Pre Planned Responses (PPR)
E7	NON-CORE	Develop Electromagnetic Warfare (EW) tactics
E7	NON-CORE	Develop joint Electromagnetic Warfare (EW) plans

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)
E6	CORE	Evaluate Electromagnetic Warfare (EW) Measure of Effectiveness (MOE)
E5	CORE	Evaluate mission threats
E5	NON-CORE	Install Field Change (FC) kits
E4	CORE	Maintain Electromagnetic Warfare (EW) status boards and logs
E4	NON-CORE	Maintain Joint Tactical Terminal Maritime (JTT-M)
E4	CORE	Maintain local emitter libraries
E4	NON-CORE	Maintain Passive Countermeasure System (PCMS)
E7	CORE	Manage configuration of Electromagnetic Warfare (EW) systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF)
E7	CORE	Manage decoy handling operations (e.g., onload, offload, inventory, etc.)
E7	CORE	Manage divisional equipment and system configurations
E7	CORE	Manage Electromagnetic Warfare (EW) operations (e.g., Emission Control (EMCON), Electromagnetic Support (ES), countermeasures deployment, etc.)
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage Passive Countermeasure System (PCMS) programs
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E6	CORE	Manage watch teams
E5	NON-CORE	Modify Electromagnetic Warfare (EW) equipment readiness conditions
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 decoy handling operations (e.g., onload, offload, inventory, etc.)
E4	CORE	Perform Electromagnetic Attack (EA)
E4	CORE	Perform Electromagnetic Support (ES) operations
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E4	CORE	Perform transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E4	CORE	Perform weapons casualty procedures
E5	CORE	Recommend course corrections in support of tactical operations
E4	CORE	Report Essential Elements of Friendly Information (EEFI) violations
E4	CORE	Report systems equipment status
E4	NON-CORE	Set Passive Countermeasure System (PCMS) conditions

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Startup Tactical Data Processors (TDP)
E5	CORE	Supervise chaff employment
E5	CORE	Supervise Combat Systems Operational Sequencing System (CSOSS) operations
E5	CORE	Supervise configuration of Electromagnetic Warfare (EW) systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF)
E6	CORE	Supervise construction of local emitter libraries
E6	CORE	Supervise decoy handling operations (e.g., onload, offload, inventory, etc.)
E6	CORE	Supervise divisional equipment and system configurations
E5	NON-CORE	Supervise Electromagnetic Attack (EA) employment
E5	CORE	Supervise Electromagnetic Warfare (EW) systems during casualty conditions
E5	CORE	Supervise Emission Control (EMCON) conditions
E5	NON-CORE	Supervise modification of doctrine status
E5	CORE	Supervise Pre-Planned Responses (PPR) executions
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E5	CORE	Supervise transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E7	CORE	Supervise weapons casualty evolutions
E5	NON-CORE	Update Combat System (CS) smooth logs
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E7	CORE	Validate Electromagnetic Warfare (EW) Doctrine Review Board (DRB) Data
E4	CORE	Verify Emission Control (EMCON) conditions
E5	NON-CORE	Verify Passive Countermeasure System (PCMS) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze broadcast data (e.g., National, Global Command and Control System Maritime (GCCS-M), Intelligence Broadcast System/Common Integrated Broadcast (IBS/CIB), etc.)
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR)
E4	CORE	Construct Order Of Battle (OOB)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	CORE	Correlate National systems data to platform
E4	CORE	Crossfix Signals Of Interest (SOI) intercepts
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality
E4	CORE	Implement Electronic Intelligence (ELINT) collection plans
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Provide source of overhead systems data (e.g., orbitology/collector diagram)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E5	CORE	Report PROFORMA signals
E4	CORE	Research Intelligence Community (IC) databases
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E4	CORE	Transfer data between systems
E5	CORE	Update national databases
E6	CORE	Validate Electronic Intelligence (ELINT) logs
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E4	CORE	Conduct Military Deception (MILDEC) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E7	NON-CORE	Coordinate multi-unit employment of Electromagnetic Attacks (EA)
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E7	CORE	Develop strike group Information Operations (IO) directives
E4	CORE	Disseminate Military Information Support Operations (MISO) material
E6	NON-CORE	Draft Temporary Sensitive Compartmented Information Facility (TSCIF) accreditation
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E4	CORE	Implement Pre-Planned Responses (PPR)
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E7	CORE	Manage Electronic Warfare Control Ship (EWCS) operations
E7	CORE	Manage Information Operations (IO) postures
E7	CORE	Manage Military Deception (MILDEC) plans
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Recommend Tactical Situations (TACSIT)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate Underway Strike Group Electromagnetic Warfare (EW) system maintenance
E6	CORE	Develop Concept of Operations (CONOP)
E7	CORE	Develop multi-unit Electromagnetic Warfare (EW) Pre-Planned Responses (PPR)
E6	CORE	Develop Real Time Spectrum Operations (RTSO) plans
E6	CORE	Draft Electromagnetic Warfare (EW) doctrines and bills (e.g., Anti-ship Missile Defense (ASMD), Passive Countermeasures System (PCMS), Emissions Control (EMCON), etc.)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E7	CORE	Manage strike group Information Operations (IO) readiness requirements
E6	CORE	Provide Counter Intelligence Surveillance Reconnaissance Targeting (C-ISRT) solutions in support of operations
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Validate Real Time Spectrum Operations (RTSO) plans

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Configure Electromagnetic Warfare (EW) systems for training and testing evolutions
E6	NON-CORE	Coordinate Combat Systems Training Team (CSTT) drills
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Draft Combat Systems Training Team (CSTT) drill guides
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	NON-CORE	Implement Combat Systems Training Team (CSTT) drills
E4	NON-CORE	Maintain onboard training systems
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions
E7	NON-CORE	Validate Combat Systems Training Team (CSTT) drill guides
E6	CORE	Validate training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)

Job Title**Surface Electronic Warfare Maintainer****Job Code****002676****Job Family**

Computer and Mathematical

NOC

TBD

Short Title (30 Characters)

SURFACE EW MAINTAINER

Short Title (14 Characters)

SURF EW MAINT

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Surface Electronic Warfare Maintainers perform preventive and corrective maintenance on Electronic Warfare (EW) and ancillary systems used for analysis, monitoring, tracking, recognition, identification, and electronic attack; install, test, troubleshoot, repair, and replace Electronic Warfare (EW) networks, electronic equipment, antennas, Decoy Launching Systems (DLS), auxiliary equipment, digital and optical interfaces, and data systems; manage mission organizational level maintenance; coordinate repair of Electronic Warfare (EW) systems; and prepare reports and inventories of equipment.

DoD Relationship**Group Title**

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET Relationship**Occupation Title**

Network and Computer Systems Administrators

SOC Code

15-1244.00

Job Family

Computer and Mathematical

Skills*Critical Thinking**Management of Material Resources**Coordination**Quality Control Analysis**Operation and Control**Judgment and Decision Making**Systems Evaluation**Writing**Complex Problem Solving**Systems Analysis***Abilities***Deductive Reasoning**Written Comprehension**Inductive Reasoning**Written Expression**Control Precision**Information Ordering**Oral Expression**Problem Sensitivity**Perceptual Speed**Time Sharing***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Paygrade****Task Type****Task Statements**

E4	CORE	Align Electromagnetic Warfare (EW) systems
E4	NON-CORE	Analyze blueprints and ship's drawings
E4	CORE	Analyze equipment and system status data
E4	CORE	Analyze schematics (e.g., mechanical drawings, electronic schematics, piping and valve drawings, etc.)
E7	CORE	Approve equipment installations, testing, and alterations
E4	CORE	Audit Electromagnetic Warfare (EW) system password accounts
E4	CORE	Collect equipment and system status data
E4	CORE	Conduct Combat Systems Alignments (CSA)
E4	CORE	Conduct equipment validations
E4	CORE	Configure auxiliary air and cooling water systems
E4	CORE	Configure display systems
E4	CORE	Configure General Purpose Electronic Test Equipment (GPETE)
E4	CORE	Configure internal communications networks
E4	CORE	Configure network systems
E4	CORE	Configure power conversion and distribution systems
E4	CORE	Configure Special Purpose Electronic Test Equipment (SPETE)
E7	CORE	Coordinate Combat Systems Alignment (CSA) evolutions

ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Coordinate Electromagnetic Warfare (EW) equipment installations
E6	NON-CORE	Coordinate Electromagnetic Warfare (EW) equipment removals
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems software, firmware installations and updates
E7	CORE	Coordinate equipment certifications and recertifications
E6	NON-CORE	Coordinate System Operation Verification Testing (SOVT)
E4	CORE	Document equipment and system status data
E7	CORE	Draft equipment casualty reports
E4	CORE	Inspect work areas, tools, and equipment
E5	CORE	Install equipment and alterations
E7	NON-CORE	Interpret test and evaluation range results (e.g., ULM-4, Passive Countermeasures System (PCMS), etc.)
E4	CORE	Inventory controlled equipment
E4	CORE	Inventory Electromagnetic Warfare (EW) system software and firmware
E4	CORE	Inventory General Purpose Electronic Test Equipment (GPETE)
E4	CORE	Inventory Special Purpose Electronic Test Equipment (SPETE)
E4	CORE	Maintain alarm, safety, and warning systems
E4	CORE	Maintain network systems
E5	CORE	Maintain preventive maintenance documents
E5	CORE	Manage controlled equipment
E5	CORE	Manage system software updates
E4	CORE	Perform corrosion prevention and control procedures on Electromagnetic Warfare (EW) systems
E4	CORE	Perform Electromagnetic Warfare (EW) systems software, firmware installations and updates
E4	CORE	Repair Alternating Current (AC) circuits
E4	CORE	Repair auxiliary air and cooling water systems
E4	CORE	Repair computer and peripheral systems
E4	CORE	Repair Direct Current (DC) circuits
E4	CORE	Repair display systems
E4	CORE	Repair Electromagnetic Warfare (EW) systems
E5	NON-CORE	Repair fiber optic cables and connectors
E5	NON-CORE	Repair interconnecting cables and connectors
E4	CORE	Repair network systems
E4	CORE	Repair power conversion and distribution systems
E4	CORE	Replace digital circuits
E4	CORE	Replace electromechanical (synchro/servo) systems
E4	CORE	Replace fiber optic cables and connectors
E4	CORE	Replace power supplies
E4	CORE	Replace Radio Frequency (RF) components

ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise Electromagnetic Warfare (EW) systems software, firmware installations and updates
E5	CORE	Supervise equipment installations, testing, and alterations
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E4	CORE	Test alarm, safety, and warning systems
E4	CORE	Test Alternating Current (AC) circuits
E4	CORE	Test auxiliary air and cooling water systems
E4	CORE	Test computer and peripheral systems
E4	NON-CORE	Test data links
E4	CORE	Test digital circuits
E4	CORE	Test Direct Current (DC) circuits
E4	CORE	Test display systems
E4	CORE	Test Electromagnetic Warfare (EW) systems
E4	CORE	Test electromechanical (synchro/servo) systems
E4	CORE	Test fiber optic cables and connectors
E4	CORE	Test interconnecting cables and connectors
E4	CORE	Test internal communications networks
E4	CORE	Test network systems
E4	CORE	Test power conversion and distribution systems
E4	CORE	Test power supplies
E4	CORE	Test Radio Frequency (RF) components
E4	CORE	Troubleshoot Alternating Current (AC) circuits
E4	CORE	Troubleshoot auxiliary air and cooling water systems
E4	CORE	Troubleshoot computer and peripheral systems
E4	CORE	Troubleshoot digital circuits
E4	CORE	Troubleshoot Direct Current (DC) circuits
E4	CORE	Troubleshoot display systems
E4	CORE	Troubleshoot Electromagnetic Warfare (EW) systems
E4	CORE	Troubleshoot electromechanical (synchro/servo) systems
E4	CORE	Troubleshoot fiber optic cables and connectors
E4	CORE	Troubleshoot interconnecting cables and connectors
E4	CORE	Troubleshoot internal communications networks
E4	CORE	Troubleshoot network systems
E4	CORE	Troubleshoot power conversion and distribution systems
E4	CORE	Troubleshoot power supplies
E4	CORE	Troubleshoot Radio Frequency (RF) components
E6	NON-CORE	Update Combat Systems Operational Sequencing System (CSOSS)
E4	CORE	Validate Combat Systems Operational Sequencing System (CSOSS)

ELECTROMAGNETIC SPECTRUM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct Electronic Warfare Control Ship (EWCS) procedures
E5	CORE	Configure Own Force Monitoring (OFM) equipment
E6	CORE	Construct Electromagnetic (EM) Battlespace plans (e.g., Real Time Spectrum Operations (RTSO), Emission Control (EMCON), etc.)
E5	CORE	Determine jamming sources
E5	CORE	Determine satellite vulnerabilities
E4	CORE	Identify Electromagnetic Interference (EMI)
E7	NON-CORE	Manage spectrum plans
E5	CORE	Mitigate Electromagnetic Interference (EMI)
E4	CORE	Monitor Electromagnetic (EM) spectrum
E4	CORE	Monitor own force emissions
E5	NON-CORE	Obtain space weather reports for Electromagnetic Spectrum Operations (EMSO)
E5	CORE	Perform unit level Electromagnetic Spectrum Operations (EMSO)
E5	CORE	Predict equipment performance characteristics based on atmospheric data
E5	CORE	Report Electromagnetic Interference (EMI)
E5	CORE	Report jamming sources
E5	CORE	Research jamming sources
E5	NON-CORE	Shutdown Own Force Monitoring (OFM) equipment
E5	NON-CORE	Startup Own Force Monitoring (OFM) equipment
E6	CORE	Validate Electromagnetic Spectrum Operations (EMSO) documentation (e.g., Real Time Spectrum Operations (RTSO), Hazards of Electromagnetic Radiation to Ordnance (HERO), Emission Control (EMCON), etc.)

ELECTROMAGNETIC WARFARE OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct Radar Cross Section (RCS) testing
E4	NON-CORE	Configure Common Integrated Broadcast (CIB) radio receiving equipment
E4	CORE	Configure Electromagnetic Warfare (EW) systems
E5	CORE	Construct local emitter libraries
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW) test range runs
E4	CORE	Coordinate Emission Control (EMCON) conditions
E4	CORE	Deploy Electromagnetic Warfare (EW) countermeasures
E6	CORE	Develop Electromagnetic Warfare (EW) Doctrine Review Board (DRB) Data
E7	NON-CORE	Develop Electromagnetic Warfare (EW) Pre Planned Responses (PPR)
E7	NON-CORE	Develop Electromagnetic Warfare (EW) tactics
E7	NON-CORE	Develop joint Electromagnetic Warfare (EW) plans
E7	CORE	Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)
E6	CORE	Evaluate Electromagnetic Warfare (EW) Measure of Effectiveness (MOE)
E5	CORE	Evaluate mission threats

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Install Field Change (FC) kits
E4	CORE	Maintain Electromagnetic Warfare (EW) status boards and logs
E4	NON-CORE	Maintain Joint Tactical Terminal Maritime (JTT-M)
E4	CORE	Maintain local emitter libraries
E4	NON-CORE	Maintain Passive Countermeasure System (PCMS)
E7	CORE	Manage configuration of Electromagnetic Warfare (EW) systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF)
E7	CORE	Manage decoy handling operations (e.g., onload, offload, inventory, etc.)
E7	CORE	Manage divisional equipment and system configurations
E7	CORE	Manage Electromagnetic Warfare (EW) operations (e.g., Emission Control (EMCON), Electromagnetic Support (ES), countermeasures deployment, etc.)
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage Passive Countermeasure System (PCMS) programs
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E6	CORE	Manage watch teams
E5	NON-CORE	Modify Electromagnetic Warfare (EW) equipment readiness conditions
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 decoy handling operations (e.g., onload, offload, inventory, etc.)
E4	CORE	Perform Electromagnetic Attack (EA)
E4	CORE	Perform Electromagnetic Support (ES) operations
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E4	CORE	Perform transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E5	CORE	Recommend course corrections in support of tactical operations
E4	CORE	Report Essential Elements of Friendly Information (EEFI) violations
E4	CORE	Report systems equipment status
E4	NON-CORE	Set Passive Countermeasure System (PCMS) conditions
E4	CORE	Startup Tactical Data Processors (TDP)
E5	CORE	Supervise chaff employment
E5	CORE	Supervise Combat Systems Operational Sequencing System (CSOSS) operations
E5	CORE	Supervise configuration of Electromagnetic Warfare (EW) systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF)

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise construction of local emitter libraries
E6	CORE	Supervise decoy handling operations (e.g., onload, offload, inventory, etc.)
E6	CORE	Supervise divisional equipment and system configurations
E5	NON-CORE	Supervise Electromagnetic Attack (EA) employment
E5	CORE	Supervise Electromagnetic Warfare (EW) systems during casualty conditions
E5	CORE	Supervise Emission Control (EMCON) conditions
E5	NON-CORE	Supervise modification of doctrine status
E5	CORE	Supervise Pre-Planned Responses (PPR) executions
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E5	CORE	Supervise transition of Electromagnetic Warfare (EW) systems between conditions of readiness
E5	NON-CORE	Update Combat System (CS) smooth logs
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E7	CORE	Validate Electromagnetic Warfare(EW) Doctrine Review Board (DRB) Data
E4	CORE	Verify Emission Control (EMCON) conditions
E5	NON-CORE	Verify Passive Countermeasure System (PCMS) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze broadcast data (e.g., National, Global Command and Control System Maritime (GCCS-M), Intelligence Broadcast System/Common Integrated Broadcast (IBS/CIB), etc.)
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR)
E4	CORE	Construct Order Of Battle (OOB)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	CORE	Correlate National systems data to platform
E4	CORE	Crossfix Signals Of Interest (SOI) intercepts
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality
E4	CORE	Implement Electronic Intelligence (ELINT) collection plans
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Provide source of overhead systems data (e.g., orbitology/collector diagram)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E5	CORE	Report PROFORMA signals
E4	CORE	Research Intelligence Community (IC) databases
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E4	CORE	Transfer data between systems
E5	CORE	Update national databases
E6	CORE	Validate Electronic Intelligence (ELINT) logs
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E4	CORE	Conduct Military Deception (MILDEC) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E7	NON-CORE	Coordinate multi-unit employment of Electromagnetic Attacks (EA)
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations

INFORMATION OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E7	CORE	Develop strike group Information Operations (IO) directives
E4	CORE	Disseminate Military Information Support Operations (MISO) material
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E4	CORE	Implement Pre-Planned Responses (PPR)
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E7	CORE	Manage Electronic Warfare Control Ship (EWCS) operations
E7	CORE	Manage Information Operations (IO) postures
E7	CORE	Manage Military Deception (MILDEC) plans
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Recommend Tactical Situations (TACSIT)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate Underway Strike Group Electromagnetic Warfare (EW) system maintenance
E6	CORE	Develop Concept of Operations (CONOP)
E7	CORE	Develop multi-unit Electromagnetic Warfare (EW) Pre-Planned Responses (PPR)
E6	CORE	Develop Real Time Spectrum Operations (RTSO) plans
E6	CORE	Draft Electromagnetic Warfare (EW) doctrines and bills (e.g., Anti-ship Missile Defense (ASMD), Passive Countermeasures System (PCMS), Emissions Control (EMCON), etc.)

PLANNING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E7	CORE	Manage strike group Information Operations (IO) readiness requirements
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Validate Real Time Spectrum Operations (RTSO) plans

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Configure Electromagnetic Warfare (EW) systems for training and testing evolutions
E6	NON-CORE	Coordinate Combat Systems Training Team (CSTT) drills
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Draft Combat Systems Training Team (CSTT) drill guides
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	NON-CORE	Implement Combat Systems Training Team (CSTT) drills
E4	NON-CORE	Maintain onboard training systems

TRAINING AND CERTIFICATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions
E7	NON-CORE	Validate Combat Systems Training Team (CSTT) drill guides
E6	CORE	Validate training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)

Job Title**Information Operations Planner****Job Code****002677****Job Family**

Protective Service

NOC

TBD

Short Title (30 Characters)

INFORMATION OPS PLANNER

Short Title (14 Characters)

INFO OPS PLNR

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Information Operations Planners maintain Information Operations (IO)/Electronic Warfare (EW) readiness; ensure Information Operations (IO) core competency mission objectives are met; collaborate with Warfare Commanders to ensure Information Operations (IO) planning is executed as part of the overall mission; develop spectrum management plans, Military Deception (MILDEC) Plans, Information Operations (IO) doctrines, Emission Control (EMCON) plans, Operations Security (OPSEC) directives, and pre-planned responses; and schedule and execute training to maintain Electronic Warfare (EW) readiness.

DoD RelationshipGroup Title

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET RelationshipOccupation Title

Intelligence Analysts

SOC Code

33-3021.06

Job Family

Protective Service

Skills*Critical Thinking**Coordination**Management of Material Resources**Judgment and Decision Making**Complex Problem Solving**Writing**Quality Control Analysis**Monitoring**Operation and Control**Operations Analysis***Abilities***Inductive Reasoning**Deductive Reasoning**Written Expression**Information Ordering**Written Comprehension**Oral Expression**Perceptual Speed**Time Sharing**Category Flexibility**Control Precision***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Pavgrade****Task Type****Task Statements**

E6

NON-CORE

Coordinate Electromagnetic Warfare (EW) equipment installations

E6

NON-CORE

Coordinate Electromagnetic Warfare (EW) equipment removals

E7

CORE

Coordinate equipment certifications and recertifications

E7

NON-CORE

Interpret test and evaluation range results (e.g., ULM-4, Passive Countermeasures System (PCMS), etc.)

ELECTROMAGNETIC SPECTRUM OPERATIONS**Pavgrade****Task Type****Task Statements**

E5

CORE

Configure Own Force Monitoring (OFM) equipment

E6

CORE

Construct Electromagnetic (EM) Battlespace plans (e.g., Real Time Spectrum Operations (RTSO), Emission Control (EMCON), etc.)

E5

CORE

Determine jamming sources

E5

CORE

Determine satellite vulnerabilities

E4

CORE

Identify Electromagnetic Interference (EMI)

E7

NON-CORE

Manage spectrum plans

E4

CORE

Monitor Electromagnetic (EM) spectrum

E4

CORE

Monitor own force emissions

E5

NON-CORE

Obtain space weather reports for Electromagnetic Spectrum Operations (EMSO)

E5

CORE

Perform unit level Electromagnetic Spectrum Operations (EMSO)

E5

CORE

Predict equipment performance characteristics based on atmospheric data

ELECTROMAGNETIC SPECTRUM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Report Electromagnetic Interference (EMI)
E5	CORE	Report jamming sources
E5	CORE	Research jamming sources
E5	NON-CORE	Shutdown Own Force Monitoring (OFM) equipment
E5	NON-CORE	Startup Own Force Monitoring (OFM) equipment
E6	CORE	Validate Electromagnetic Spectrum Operations (EMSO) documentation (e.g., Real Time Spectrum Operations (RTSO), Hazards of Electromagnetic Radiation to Ordnance (HERO), Emission Control (EMCON), etc.)

ELECTROMAGNETIC WARFARE OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Configure Common Integrated Broadcast (CIB) radio receiving equipment
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW) test range runs
E4	CORE	Coordinate Emission Control (EMCON) conditions
E7	NON-CORE	Develop Electromagnetic Warfare (EW) Pre Planned Responses (PPR)
E7	NON-CORE	Develop Electromagnetic Warfare (EW) tactics
E7	NON-CORE	Develop joint Electromagnetic Warfare (EW) plans
E7	CORE	Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)
E6	CORE	Evaluate Electromagnetic Warfare (EW) Measure of Effectiveness (MOE)
E5	CORE	Evaluate mission threats
E7	CORE	Manage Electromagnetic Warfare (EW) operations (e.g., Emission Control (EMCON), Electromagnetic Support (ES), countermeasures deployment, etc.)
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage Passive Countermeasure System (PCMS) programs
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage watch teams
E5	NON-CORE	Modify Electromagnetic Warfare (EW) equipment readiness conditions
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E4	CORE	Report Essential Elements of Friendly Information (EEFI) violations
E4	CORE	Report systems equipment status
E4	CORE	Startup Tactical Data Processors (TDP)
E5	CORE	Supervise chaff employment
E6	CORE	Supervise construction of local emitter libraries
E5	NON-CORE	Supervise Electromagnetic Attack (EA) employment
E5	CORE	Supervise Pre-Planned Responses (PPR) executions
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Verify Emission Control (EMCON) conditions
E5	NON-CORE	Verify Passive Countermeasure System (PCMS) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Construct Order Of Battle (OOB)
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	CORE	Determine current tactical picture
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Implement Electronic Intelligence (ELINT) collection plans
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E4	CORE	Research Intelligence Community (IC) databases
E4	CORE	Search Electronic Intelligence (ELINT) databases
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E4	CORE	Conduct Military Deception (MILDEC) operations
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E7	NON-CORE	Coordinate multi-unit employment of Electromagnetic Attacks (EA)

INFORMATION OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Coordinate target analysis
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E7	CORE	Develop strike group Information Operations (IO) directives
E4	CORE	Disseminate Military Information Support Operations (MISO) material
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E4	CORE	Implement Pre-Planned Responses (PPR)
E7	CORE	Manage Electronic Warfare Control Ship (EWCS) operations
E7	CORE	Manage Information Operations (IO) postures
E7	CORE	Manage Military Deception (MILDEC) plans
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E6	CORE	Recommend Tactical Situations (TACSIT)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate Joint Signals Intelligence (SIGINT) collection plans
E7	NON-CORE	Coordinate support to Air Tasking Order (ATO)
E7	NON-CORE	Coordinate Underway Strike Group Electromagnetic Warfare (EW) system maintenance
E7	NON-CORE	Deconflict national target lists in a joint environment
E7	NON-CORE	Develop allied/coalition Information Operations (IO) Directives
E6	CORE	Develop Concept of Operations (CONOP)
E7	NON-CORE	Develop Joint Information Operations (IO) Directives

PLANNING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Develop multi-unit Electromagnetic Warfare (EW) Pre-Planned Responses (PPR)
E6	CORE	Develop Real Time Spectrum Operations (RTSO) plans
E6	CORE	Draft Electromagnetic Warfare (EW) doctrines and bills (e.g., Anti-ship Missile Defense (ASMD), Passive Countermeasures System (PCMS), Emissions Control (EMCON), etc.)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E7	NON-CORE	Integrate into Joint Restricted Frequency List (JRFL) process
E7	NON-CORE	Manage Signals Intelligence (SIGINT) equipment resource allocation with Joint forces and Intelligence Community (IC) partners
E7	CORE	Manage strike group Information Operations (IO) readiness requirements
E7	NON-CORE	Manage unit priority target lists
E7	CORE	Process Fleet Operational Requirements
E6	CORE	Provide Counter Intelligence Surveillance Reconnaissance Targeting (C-ISRT) solutions in support of operations
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Validate higher authority directives (e.g., Operational Tasking (OPTASK) Operational Order (OPORD) Operational Plan (OPLAN))
E7	NON-CORE	Validate Real Time Spectrum Operations (RTSO) plans

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E7	CORE	Manage Information Operations (IO) Fleet Training Requirements
E7	NON-CORE	Validate Combat Systems Training Team (CSTT) drill guides
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)

Job Title**Operational Electronic Intelligence Analyst****Job Code****002756****Job Family**

Protective Service

NOC

TBD

Short Title (30 Characters)

OPERATIONAL ELINT ANALYST

Short Title (14 Characters)

OPELINT ANALYST

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Operational Electronic Intelligence (OPELINT) Analysts perform collection, correlation, geo-location/geo-spatial, and operational analysis of non-communication and other signals derived from multiple intelligence production resources; analyze and report all-source information for tactical and strategic commanders in support of National, Fleet, and Theater objectives; and produce assessments detailing the capabilities, trends, and vulnerabilities of foreign non-communication weapons systems.

DoD Relationship**Group Title**

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET Relationship**Occupation Title**

Intelligence Analysts

SOC Code

33-3021.06

Job Family

Protective Service

Skills*Critical Thinking**Coordination**Complex Problem Solving**Judgment and Decision Making**Operation and Control**Management of Material Resources**Monitoring**Writing**Active Learning**Quality Control Analysis***Abilities***Deductive Reasoning**Inductive Reasoning**Written Expression**Written Comprehension**Information Ordering**Oral Expression**Perceptual Speed**Time Sharing**Control Precision**Flexibility of Closure***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Paygrade**

E5

Task Type

CORE

Task Statements

Manage system software updates

ELECTROMAGNETIC SPECTRUM OPERATIONS**Paygrade**

E5

Task Type

CORE

Task Statements

Determine jamming sources

E5

CORE

Determine satellite vulnerabilities

E4

CORE

Identify Electromagnetic Interference (EMI)

E4

CORE

Monitor Electromagnetic (EM) spectrum

E4

CORE

Monitor own force emissions

E5

NON-CORE

Obtain space weather reports for Electromagnetic Spectrum Operations (EMSO)

E5

CORE

Perform unit level Electromagnetic Spectrum Operations (EMSO)

E5

CORE

Report Electromagnetic Interference (EMI)

E5

CORE

Report jamming sources

E5

CORE

Research jamming sources

ELECTROMAGNETIC WARFARE OPERATIONS**Paygrade**

E4

Task Type

NON-CORE

Task Statements

Configure Common Integrated Broadcast (CIB) radio receiving equipment

E7

CORE

Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Evaluate Electromagnetic Warfare (EW) Measure of Effectiveness (MOE)
E5	CORE	Evaluate mission threats
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage watch teams
E4	CORE	Perform Electromagnetic Support (ES) operations
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E4	CORE	Report systems equipment status
E4	CORE	Startup Tactical Data Processors (TDP)
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E4	CORE	Verify Emission Control (EMCON) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze broadcast data (e.g., National, Global Command and Control System Maritime (GCCS-M), Intelligence Broadcast System/Common Integrated Broadcast (IBS/CIB), etc.)
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR))
E4	CORE	Construct Order Of Battle (OOB)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	NON-CORE	Coordinate with respective consumer (e.g., feedback)
E4	CORE	Correlate National systems data to platform
E4	CORE	Crossfix Signals Of Interest (SOI) intercepts
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Obtain Order of Battle (OOB)
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Provide source of overhead systems data (e.g., orbitology/collector diagram)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E5	CORE	Report PROFORMA signals
E4	CORE	Research Intelligence Community (IC) databases
E6	NON-CORE	Review post mission processing
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electromagnetic Warfare (EW) equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E5	CORE	Update national databases
E6	CORE	Validate Electronic Intelligence (ELINT) logs
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E5	NON-CORE	Coordinate target analysis
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)
E5	CORE	Develop pattern of life analysis

INFORMATION OPERATIONS (CONT')

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E7	CORE	Develop strike group Information Operations (IO) directives
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Recommend Tactical Situations (TACSIT)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Deconflict national target lists in a joint environment
E6	CORE	Develop Concept of Operations (CONOP)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E6	CORE	Provide Counter Intelligence Surveillance Reconnaissance Targeting (C-ISRT) solutions in support of operations
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) Capabilities

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Configure Electromagnetic Warfare (EW) systems for training and testing evolutions
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)

Job Title**Airborne/Subsurface Electronic Warfare Operator****Job Code****002757****Job Family**

Protective Service

NOC

TBD

Short Title (30 Characters)

AIRBORNE/SUBSURFACE EW OPER

Short Title (14 Characters)

AIR/SUB EW OP

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Airborne/Subsurface Electronic Warfare (EW) Operators operate state-of-the-art electronic receivers and associated analysis and recording equipment in the collection of airborne, shipborne, land-based, subsurface Radio Detection and Ranging (RADAR), and other non-communication signals within the Electromagnetic (EM) spectrum in tactical and strategic environments; interpret and conduct advanced analysis of intercepted electronic signals to determine their source to support National and Fleet tasking; and execute tactics in accordance with doctrine and report information to tactical and strategic Commanders in support of National, Fleet, and Theater objectives.

DoD RelationshipGroup Title

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET RelationshipOccupation Title

Intelligence Analysts

SOC Code

33-3021.06

Job Family

Protective Service

Skills*Critical Thinking**Coordination**Management of Material Resources**Complex Problem Solving**Judgment and Decision Making**Operation and Control**Quality Control Analysis**Writing**Monitoring**Active Learning***Abilities***Inductive Reasoning**Deductive Reasoning**Written Expression**Written Comprehension**Information Ordering**Oral Expression**Control Precision**Perceptual Speed**Time Sharing**Flexibility of Closure***ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION****Paygrade****Task Type****Task Statements**

E4

CORE

Analyze equipment and system status data

E6

NON-CORE

Coordinate Electromagnetic Warfare (EW) equipment installations

E4

CORE

Document equipment and system status data

E5

CORE

Manage system software updates

E4

CORE

Replace power supplies

E4

CORE

Troubleshoot computer and peripheral systems

E4

CORE

Troubleshoot Electromagnetic Warfare (EW) systems

E4

CORE

Troubleshoot power supplies

E4

CORE

Troubleshoot Radio Frequency (RF) components

ELECTROMAGNETIC SPECTRUM OPERATIONS**Paygrade****Task Type****Task Statements**

E5

CORE

Determine jamming sources

E4

CORE

Identify Electromagnetic Interference (EMI)

E7

NON-CORE

Manage spectrum plans

E5

CORE

Mitigate Electromagnetic Interference (EMI)

E4

CORE

Monitor Electromagnetic (EM) spectrum

E4

CORE

Monitor own force emissions

E5

CORE

Perform unit level Electromagnetic Spectrum Operations (EMSO)

ELECTROMAGNETIC SPECTRUM OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Predict equipment performance characteristics based on atmospheric data
E5	CORE	Report Electromagnetic Interference (EMI)
E5	CORE	Report jamming sources
E5	CORE	Research jamming sources
E6	CORE	Validate Electromagnetic Spectrum Operations (EMSO) documentation (e.g., Real Time Spectrum Operations (RTSO), Hazards of Electromagnetic Radiation to Ordnance (HERO), Emission Control (EMCON), etc.)

ELECTROMAGNETIC WARFARE OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Configure Common Integrated Broadcast (CIB) radio receiving equipment
E4	CORE	Configure Electromagnetic Warfare (EW) systems
E5	CORE	Construct local emitter libraries
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW) test range runs
E7	NON-CORE	Develop Electromagnetic Warfare (EW) Pre Planned Responses (PPR)
E7	NON-CORE	Develop Electromagnetic Warfare (EW) tactics
E7	NON-CORE	Develop joint Electromagnetic Warfare (EW) plans
E7	CORE	Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)
E6	CORE	Evaluate Electromagnetic Warfare (EW) Measure of Effectiveness (MOE)
E5	CORE	Evaluate mission threats
E4	CORE	Maintain Electromagnetic Warfare (EW) status boards and logs
E4	CORE	Maintain local emitter libraries
E7	CORE	Manage Electromagnetic Warfare (EW) operations (e.g., Emission Control (EMCON), Electromagnetic Support (ES), countermeasures deployment, etc.)
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage watch teams
E5	NON-CORE	Modify Electromagnetic Warfare (EW) equipment readiness conditions
E4	CORE	Perform Electromagnetic Attack (EA)
E4	CORE	Perform Electromagnetic Support (ES) operations
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E5	CORE	Recommend course corrections in support of tactical operations
E4	CORE	Report systems equipment status
E4	NON-CORE	Review Electronic Support Measures (ESM) search plan
E4	CORE	Startup Tactical Data Processors (TDP)
E6	CORE	Supervise construction of local emitter libraries
E5	NON-CORE	Supervise Electromagnetic Attack (EA) employment

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Supervise Electromagnetic Warfare (EW) systems during casualty conditions
E5	CORE	Supervise Pre-Planned Responses (PPR) executions
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E5	NON-CORE	Update Electronic Support Measures (ESM) search plan
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E6	NON-CORE	Validate Electronic Support Measures (ESM) search plan
E4	CORE	Verify Emission Control (EMCON) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze broadcast data (e.g., National, Global Command and Control System Maritime (GCCS-M), Intelligence Broadcast System/Common Integrated Broadcast (IBS/CIB), etc.)
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E5	NON-CORE	Assemble technical kit
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate blind speeds
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR)
E4	CORE	Construct Order Of Battle (OOB)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	NON-CORE	Coordinate with respective consumer (e.g., feedback)
E4	CORE	Correlate National systems data to platform
E4	CORE	Crossfix Signals Of Interest (SOI) intercepts
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Implement Electronic Intelligence (ELINT) collection plans
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Obtain Order of Battle (OOB)
E4	NON-CORE	Perform end of mission pack and wrap
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Provide source of overhead systems data (e.g., orbitology/collector diagram)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E5	CORE	Report PROFORMA signals
E4	CORE	Research Intelligence Community (IC) databases
E6	NON-CORE	Review post mission processing
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electromagnetic Warfare (EW) equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E6	NON-CORE	Supervise end of mission pack and wrap
E4	CORE	Transfer data between systems
E5	CORE	Update national databases
E6	CORE	Validate Electronic Intelligence (ELINT) logs
E6	NON-CORE	Validate technical kit
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E7	NON-CORE	Coordinate multi-unit employment of Electromagnetic Attacks (EA)
E5	NON-CORE	Coordinate target analysis
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)

INFORMATION OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E4	CORE	Disseminate Military Information Support Operations (MISO) material
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E4	CORE	Implement Pre-Planned Responses (PPR)
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E7	CORE	Manage Military Deception (MILDEC) plans
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Recommend Tactical Situations (TACSIT)
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate support to Air Tasking Order (ATO)
E6	CORE	Develop Concept of Operations (CONOP)
E6	CORE	Draft Electromagnetic Warfare (EW) doctrines and bills (e.g., Anti-ship Missile Defense (ASMD), Passive Countermeasures System (PCMS), Emissions Control (EMCON), etc.)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E6	CORE	Provide Counter Intelligence Surveillance Reconnaissance Targeting (C-ISRT) solutions in support of operations
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) Assets

PLANNING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Configure Electromagnetic Warfare (EW) systems for training and testing evolutions
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)

Job Title**Tactical Information Operations Specialist****Job Code****002758****Job Family**

Protective Service

NOC

TBD

Short Title (30 Characters)

TACTICAL INFO OPERATIONS SPEC

Short Title (14 Characters)

TACINF OP SPEC

Pay Plan

Enlisted

Career Field

CTT

Other Relationships and Rules

NECs CXXX series and other NECs as assigned

Job Description

Tactical Information Operations Specialists operate state of the art equipment to provide a wide variety of tactical information operations support including tactical Electronic Warfare (EW) and Computer Network Operations (CNO); support direct action/special reconnaissance missions in arduous combat environments; perform preventive and corrective maintenance on Naval Special Warfare (NSW) systems used for analysis, monitoring, tracking, recognition, identification, targeting, and electronic attack; coordinate repair of Electronic Warfare (EW) systems; fabricate collection equipment as needed to support mission and collection requirements; conduct unattended/unconventional collection efforts in support of Special Operations Forces (SOF); and support ground and airborne Electronic Warfare (EW) mission and collections requirements.

DoD Relationship**Group Title**

Intercept Operators (Code and Non-Code)

DoD Code

123100

O*NET Relationship**Occupation Title**

Intelligence Analysts

SOC Code

33-3021.06

Job Family

Protective Service

Skills*Critical Thinking**Coordination**Operation and Control**Complex Problem Solving**Judgment and Decision Making**Management of Material Resources**Writing**Quality Control Analysis**Active Learning**Monitoring***Abilities***Deductive Reasoning**Inductive Reasoning**Written Expression**Information Ordering**Written Comprehension**Oral Expression**Control Precision**Perceptual Speed**Time Sharing**Spatial Orientation***COMPUTER NETWORK OPERATIONS (CNO)****Paygrade**

E5

Task Type

NON-CORE

Task Statements

Analyze remote system environments

E5

CORE

Analyze target digital technologies and network systems

E5

NON-CORE

Assess physical characteristics of the target environment

E5

CORE

Assess target network vulnerabilities

E6

NON-CORE

Collaborate with stakeholders for cyber operations and tools

E5

NON-CORE

Construct target environments for training, testing, and assessing

E5

CORE

Develop network maps

E5

CORE

Implement cyber collection expertise to enable intelligence gathering operations

E5

NON-CORE

Integrate remote systems into computer network operations.

E6

CORE

Maintain awareness of advancements in hardware and software technologies and their potential implications (e.g., attend training or conferences, reading, etc.)

E5

NON-CORE

Perform basic triage and media forensic analysis

E5

CORE

Perform Packet and Protocol analysis

E5

CORE

Validate target network capabilities and vulnerabilities

ELECTROMAGNETIC WARFARE (EW) SYSTEMS MAINTENANCE AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Interpret test and evaluation range results (e.g., ULM-4, Passive Countermeasures System (PCMS), etc.)
E5	CORE	Manage system software updates

ELECTROMAGNETIC SPECTRUM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Construct Electromagnetic (EM) Battlespace plans (e.g., Real Time Spectrum Operations (RTSO), Emission Control (EMCON), etc.)
E5	CORE	Determine jamming sources
E5	CORE	Determine satellite vulnerabilities
E4	CORE	Identify Electromagnetic Interference (EMI)
E7	NON-CORE	Manage spectrum plans
E5	CORE	Mitigate Electromagnetic Interference (EMI)
E4	CORE	Monitor Electromagnetic (EM) spectrum
E4	CORE	Monitor own force emissions
E5	CORE	Perform unit level Electromagnetic Spectrum Operations (EMSO)
E5	CORE	Predict equipment performance characteristics based on atmospheric data
E5	CORE	Report Electromagnetic Interference (EMI)
E5	CORE	Report jamming sources
E5	CORE	Research jamming sources

ELECTROMAGNETIC WARFARE OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct Radar Cross Section (RCS) testing
E4	CORE	Configure Electromagnetic Warfare (EW) systems
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW) test range runs
E4	CORE	Coordinate Emission Control (EMCON) conditions
E7	NON-CORE	Develop Electromagnetic Warfare (EW) Pre Planned Responses (PPR)
E7	NON-CORE	Develop Electromagnetic Warfare (EW) tactics
E7	NON-CORE	Develop joint Electromagnetic Warfare (EW) plans
E7	CORE	Draft Electromagnetic Warfare (EW) operational messages (e.g., Electromagnetic Warfare (EW) Operational Tasking (OPTASK), Information Operations (IO) Operational Tasking (OPTASK), Daily Intentions Message (DIMS), Information Operations (IO) Supplement (SUPP), etc.)
E5	CORE	Evaluate mission threats
E5	NON-CORE	Integrate remote Electromagnetic Warfare (EW) systems
E7	CORE	Manage Electromagnetic Warfare (EW) operations (e.g., Emission Control (EMCON), Electromagnetic Support (ES), countermeasures deployment, etc.)
E6	CORE	Manage Electromagnetic Warfare (EW) system operations
E6	CORE	Manage Electromagnetic Warfare (EW) systems during casualty conditions
E7	CORE	Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Manage watch teams
E4	CORE	Perform Electromagnetic Attack (EA)

ELECTROMAGNETIC WARFARE OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform Electromagnetic Support (ES) operations
E4	CORE	Perform fusion analysis
E4	CORE	Perform tactical communications (e.g., brevity codes, fleet tactical signals, etc.)
E5	CORE	Recommend course corrections in support of tactical operations
E4	CORE	Report Essential Elements of Friendly Information (EEFI) violations
E4	CORE	Report systems equipment status
E4	CORE	Startup Tactical Data Processors (TDP)
E5	NON-CORE	Supervise Electromagnetic Attack (EA) employment
E5	CORE	Supervise Pre-Planned Responses (PPR) executions
E5	CORE	Supervise tactical communications (e.g., voice, chat, etc.)
E4	CORE	Utilize Rapid Evaluation Guidelines (REG)
E4	CORE	Verify Emission Control (EMCON) conditions
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze broadcast data (e.g., National, Global Command and Control System Maritime (GCCS-M), Intelligence Broadcast System/Common Integrated Broadcast (IBS/CIB), etc.)
E4	CORE	Analyze historical Signals Of Interest (SOI) data
E4	CORE	Analyze Signals Of Interest (SOI)
E4	CORE	Brief cryptologic and intelligence products
E4	CORE	Calculate Radio Detection and Ranging (RADAR) parameters (e.g., Pulse Repetition Intervals (PRI), etc.)
E4	CORE	Compute Radio Detection and Ranging (RADAR) performance characteristics based on parameters (e.g., Maximum Unambiguous Ranges (MUR), minimum range, etc.)
E4	CORE	Configure Electronic Intelligence (ELINT) systems (e.g., PROFORMA, Foreign Instrumentation Signals Intelligence (FISINT) Overhead Persistent Infrared (OPIR)
E4	CORE	Construct Order Of Battle (OOB)
E4	CORE	Convert Radio Detection and Ranging (RADAR) parameters
E6	CORE	Coordinate pre/post deployment briefs
E6	CORE	Coordinate pre/post deployment checklist
E4	CORE	Coordinate reachback support
E4	CORE	Correlate National systems data to platform
E4	CORE	Crossfix Signals Of Interest (SOI) intercepts
E4	CORE	Determine current tactical picture
E4	CORE	Determine modulation types (i.e., intrapulse, interpulse)
E4	CORE	Determine target source utilizing Unintentional Modulation on Pulse (UMOP)
E5	CORE	Disseminate Electronic Intelligence (ELINT) data and reports (e.g., Operational Electronic Intelligence (OPELINT), Technical Electronics Intelligence (TECHELINT), etc.)

ELECTRONIC INTELLIGENCE (ELINT) OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Draft reports (i.e., UNIFORM, Electronic Intelligence Technical Reports (ELT), Tactical Reports (TACREP))
E4	CORE	Evaluate signal quality
E4	CORE	Implement Electronic Intelligence (ELINT) collection plans
E5	CORE	Input filter management plans
E7	CORE	Manage Electronic Intelligence (ELINT) collection, analysis, and reporting
E4	CORE	Perform Operational Electronic Intelligence (OPELINT) analysis (e.g., Intelligence Preparation (IPR), Maritime Domain Awareness (MDA), etc.)
E4	CORE	Read message traffic data in support of operations
E4	CORE	Recognize Radio Detection and Ranging (RADAR) systems capabilities
E5	CORE	Report PROFORMA signals
E4	CORE	Research Intelligence Community (IC) databases
E6	NON-CORE	Review post mission processing
E4	CORE	Search Electronic Intelligence (ELINT) databases
E4	CORE	Shut down Electronic Intelligence (ELINT)/Electromagnetic Warfare (EW) equipment
E4	CORE	Startup Electronic Intelligence (ELINT)/Electronic Warfare (EW) equipment
E5	CORE	Supervise Electronic Intelligence (ELINT) collections, analysis, and reporting
E4	CORE	Transfer data between systems
E5	CORE	Update national databases
E5	CORE	Verify collection, analysis, and reporting

INFORMATION OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Analyze digital network communications
E5	NON-CORE	Calculate altitude operating ranges for Unmanned Aerial Systems (UAS) detachments
E5	NON-CORE	Calculate detection ranges for Naval Special Warfare (NSW) specific platforms
E4	CORE	Calculate threat detection envelopes
E5	CORE	Conduct all-source intelligence research
E5	NON-CORE	Conduct Battle Damage Assessment (BDA)
E5	NON-CORE	Conduct Counter-Unmanned Systems (C-UXS) operations
E5	NON-CORE	Conduct ground terminal guidance
E4	CORE	Conduct Military Deception (MILDEC) operations
E5	NON-CORE	Conduct non-standard collection operations/unconventional collection
E5	NON-CORE	Conduct non-traditional Signals Intelligence (SIGINT) targeting
E5	NON-CORE	Conduct Sensitive Site Exploitation (SSE) operations
E5	NON-CORE	Conduct tactical wireless communication collection
E5	NON-CORE	Conduct tactical wireless communication surveys
E5	NON-CORE	Conduct Unattended Ground Sensor (UGS) emplacement
E5	NON-CORE	Configure ground and airborne active targeting equipment
E5	NON-CORE	Configure ground and airborne Signals Intelligence (SIGINT) collection equipment

INFORMATION OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Configure software-based analysis tools
E5	CORE	Construct target intelligence packages
E7	CORE	Coordinate data collection responsibilities
E6	CORE	Coordinate Information Operations (IO) assets
E6	CORE	Coordinate Military Deception (MILDEC) plan support
E7	NON-CORE	Coordinate multi-unit employment of Electromagnetic Attacks (EA)
E5	NON-CORE	Coordinate target analysis
E4	CORE	Correlate Information Operation (IO) asset capabilities and limitations
E6	NON-CORE	Develop altitude operating range products for Unmanned Aerial Systems (UAS) detachments
E6	NON-CORE	Develop detection range products for Naval Special Warfare (NSW) specific platforms
E5	NON-CORE	Develop intelligence products based on Pattern of Life (POL)
E7	CORE	Develop joint, allied and coalition Information Operations (IO) plans
E5	CORE	Develop pattern of life analysis
E6	NON-CORE	Develop Signals Intelligence (SIGINT) Concept of Operations (CONOP)
E4	CORE	Disseminate Military Information Support Operations (MISO) material
E5	NON-CORE	Draft Tactical Intelligence Reports (Tactical Telegram (T-GRAM))
E6	NON-CORE	Draft Temporary Sensitive Compartmented Information Facility (TSCIF) accreditation
E5	NON-CORE	Establish command and control link communications for Unmanned Aerial Systems (UAS) payloads
E6	CORE	Evaluate Information Operations (IO) Measure of Effectiveness (MOE)
E6	CORE	Evaluate Information Operations (IO) platform capabilities and limitations
E5	NON-CORE	Fabricate collection equipment (Commercial Off The Shelf (COTS)/Government Off The Shelf (GOTS))
E6	NON-CORE	Identify Radio Frequency (RF) characteristics for Naval Special Warfare (NSW) specific equipment in theatre
E4	CORE	Implement Pre-Planned Responses (PPR)
E5	NON-CORE	Implement Signals Intelligence (SIGINT) taskings
E5	NON-CORE	Initialize ground and airborne active targeting equipment
E5	NON-CORE	Initialize ground and airborne Signals Intelligence (SIGINT) collection equipment
E7	CORE	Manage Military Deception (MILDEC) plans
E6	NON-CORE	Manage Tactical Intelligence Reports (Tactical Telegram (T-GRAM))
E7	NON-CORE	Manage Temporary Sensitive Compartmented Information Facility (TSCIF) accreditation
E5	NON-CORE	Perform asset validation
E5	NON-CORE	Perform electronic counter-surveillance
E4	CORE	Perform Information Operations (IO) utilizing Tactical Data Processors (TDP)
E5	NON-CORE	Perform Sensitive Site Exploitation (SSE) analysis
E5	NON-CORE	Perform tactical Airborne Precision Geolocation operations (APGL) / Unmanned Aerial Systems (UAS) payload operations

INFORMATION OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Perform tactical Precision Geolocation (PGL)
E5	NON-CORE	Perform untethered collection
E5	NON-CORE	Perform untethered signals analysis
E5	CORE	Prioritize mission threats
E6	CORE	Provide Information Operations (IO) input to Strike Planning Cell (SPC)
E7	CORE	Provide process feedback to national systems managers
E5	NON-CORE	Provide Signals Intelligence (SIGINT) Concept of Operations (CONOP) input
E5	CORE	Provide target Positive Identification (PID)
E6	CORE	Recommend Tactical Situations (TACSIT)
E5	NON-CORE	Shut down ground and airborne active targeting equipment
E5	NON-CORE	Shut down ground and airborne Signals Intelligence (SIGINT) collection equipment
E6	CORE	Supervise Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process

PLANNING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Assess adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Assess emerging Signals Intelligence (SIGINT) threats
E6	CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) exercises
E7	NON-CORE	Coordinate Electromagnetic Warfare (EW)/Information Operations (IO) with joint/allied partners
E7	CORE	Coordinate Information Operations (IO) experimentation and advanced capabilities initiatives
E7	CORE	Coordinate Information Operations (IO) integration across all disciplines and warfare areas
E7	NON-CORE	Coordinate Joint Signals Intelligence (SIGINT) collection plans
E7	NON-CORE	Deconflict national target lists in a joint environment
E6	CORE	Develop Concept of Operations (CONOP)
E7	CORE	Develop multi-unit Electromagnetic Warfare (EW) Pre-Planned Responses (PPR)
E6	CORE	Develop Real Time Spectrum Operations (RTSO) plans
E7	NON-CORE	Develop Special Operations Forces (SOF) Signals Intelligence (SIGINT) collection plans
E7	NON-CORE	Develop Special Operations Forces (SOF) Signals Intelligence (SIGINT) Tactics, Techniques, and Procedures (TTP)
E6	CORE	Draft Electromagnetic Warfare (EW) doctrines and bills (e.g., Anti-ship Missile Defense (ASMD), Passive Countermeasures System (PCMS), Emissions Control (EMCON), etc.)
E5	CORE	Draft Naval Messages (e.g., Electromagnetic Attack (EA) request, Daily Intentions Messages (DIMS), etc.)
E7	NON-CORE	Manage Signals Intelligence (SIGINT) equipment resource allocation with Joint forces and Intelligence Community (IC) partners
E7	NON-CORE	Manage unit priority target lists

PLANNING (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Provide Counter Intelligence Surveillance Reconnaissance Targeting (C-ISRT) solutions in support of operations
E7	CORE	Recommend Information Operations (IO)/Electromagnetic Warfare (EW) mission objectives
E7	CORE	Request supporting Electromagnetic Warfare (EW)/Information Operations (IO) assets
E4	CORE	Research adversary capabilities and limitations
E7	CORE	Validate adversary Intelligence, Surveillance, Reconnaissance, and Targeting (ISR-T) capabilities
E7	NON-CORE	Validate higher authority directives (e.g., Operational Tasking (OPTASK) Operational Order (OPORD) Operational Plan (OPLAN))
E7	NON-CORE	Validate Real Time Spectrum Operations (RTSO) plans

SECURITY AND ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E6	CORE	Enforce Naval and National security directives and instructions (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operations Security (OPSEC), etc.)
E4	NON-CORE	Implement Naval Cryptologic and National security requirements (e.g., physical security, Information Security (INFOSEC), Communication Security (COMSEC), Operational Security (OPSEC) and directives and instructions associated with Secret Compartmented Information (SCI), etc.)
E4	CORE	Maintain Electromagnetic Warfare (EW) systems password accounts
E6	CORE	Supervise Emergency Action Plan (EAP) operations
E5	CORE	Supervise watch teams
E4	CORE	Support Emergency Action Plans (EAP)

TRAINING AND CERTIFICATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	NON-CORE	Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Configure Electromagnetic Warfare (EW) systems for training and testing evolutions
E7	CORE	Coordinate Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	NON-CORE	Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Develop training scenarios (e.g., Embedded Training Device (ETD), lab simulated, etc.)
E6	NON-CORE	Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E5	CORE	Supervise Electromagnetic Warfare (EW) systems testing evolutions
E7	CORE	Verify Integrated and advanced phase training requirements (e.g., Naval Mission Essential Task List (NMETL), Naval Task (NTA), Advanced Pre-Deployment Training (APDT), etc.)