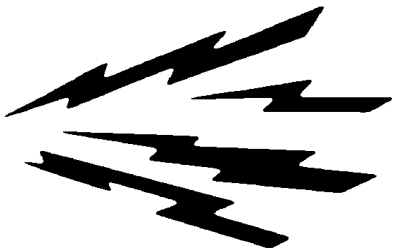
CHAPTER 67



INFORMATION SYSTEMS TECHNICIAN
(IT)

NAVPERS 18068F-67J
Change 103

Updated: July 2025

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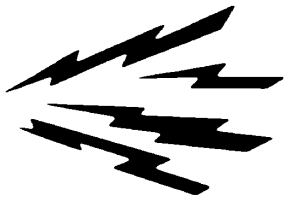
NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

INFORMATION SYSTEMS TECHNICIAN (IT)



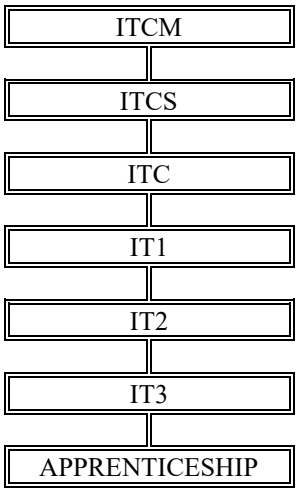
SCOPE OF RATING

Information Systems Technicians (IT) perform the following core and specialty functions: Information Systems (IS) Administration (i.e., build, configure, deploy, operate, maintain networks and information systems and perform tiered customer service support); Cybersecurity (i.e., plan, manage, secure, implement security controls to protect and defend networks to include IS across platforms, fleets, and services); Communications Operations (i.e., establish, monitor, and maintain Radio Frequency (RF) communications systems, perform spectrum management to support Joint, Fleet, and tactical communications and handle, store, transmit, and retrieve Naval messages); Communications Security (COMSEC) (i.e., secure, handle, account for, report, and control COMSEC materials, systems, and equipment).

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 67.

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 **Job Code**

Technical Support Specialist 002776

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Computer and Mathematical	TBD	IT TECH SPECIALIST	IT TECH SPEC

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

Technical Support Specialists provide end user tiered-level customer support by coordinating software, hardware, and network installations, configurations, and troubleshooting; perform maintenance; conduct training; and perform messaging, system monitoring, fault isolation, and circuit restoration of communications.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Computer User Support Specialists	15-1232.00	Computer and Mathematical

Skills	Abilities
Operation and Control	*Deductive Reasoning*
Management of Material Resources	*Information Ordering*
Systems Analysis	*Problem Sensitivity*
Critical Thinking	*Written Comprehension*
Technology Design	*Inductive Reasoning*
Troubleshooting	*Visualization*
Complex Problem Solving	*Written Expression*
Systems Evaluation	*Oral Expression*
Quality Control Analysis	*Selective Attention*
Repairing	*Oral Comprehension*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Conduct Emergency Action Plans (EAP)
E4	CORE	Destroy Communication Security (COMSEC) material
E4	CORE	Handle Communications Security (COMSEC) material
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E6	CORE	Implement Communications Security (COMSEC) changes
E4	NON-CORE	Initialize Key Management Infrastructure (KMI) devices (e.g., fill devices, Inline Network Encryption (INE), bulk encryption, etc.)
E4	CORE	Inspect security containers
E4	NON-CORE	Issue Public Key Infrastructure (PKI) token
E4	CORE	Load Communications Security (COMSEC) equipment
E4	NON-CORE	Maintain Certificate Revocation List (CRL)
E4	CORE	Maintain Crypto Ignition Keys (CIK)
E4	CORE	Maintain cryptographic equipment
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)
E4	CORE	Perform inventory of Communications Security (COMSEC) materials
E5	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Process Communications Security (COMSEC) changes
E4	CORE	Receive Communications Security (COMSEC) material
E4	CORE	Set up cryptographic equipment
E4	CORE	Set up cryptographic networks
E5	CORE	Transfer custody of Communications Security (COMSEC) material

COMMUNICATIONS SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Validate Communications Security (COMSEC) material
E4	CORE	Verify cryptographic equipment settings

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Complete communication certification checklists
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	CORE	Configure message processing systems
E5	CORE	Configure portable communications systems
E4	CORE	Configure Radio Frequency (RF) systems (e.g., High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Super High Frequency (SHF), Extremely High Frequency (EHF), etc.)
E4	NON-CORE	Configure switching equipment (e.g., Automated Single Audio System (ASAS), Automated Network Control Center (ANCC), Tactical Variant Switch (TVS), etc.)
E4	NON-CORE	Configure tactical waveforms (e.g., Low Probability of Exploitation (LPE), High Performance Waveform (HPW), etc.)
E4	NON-CORE	Configure test equipment (e.g., Spectrum Analyzer, Oscilloscope, Firebird, etc.)
E4	CORE	Connect data links
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E5	CORE	Deploy Tactical Radio Frequency (RF) systems (e.g., field expedient Tactical Communications Satellite (TACSAT), etc.)
E4	CORE	Disconnect data links
E4	CORE	Download Naval messages via automated systems
E4	CORE	Draft Communications Spot Reports (COMSPOT)
E5	CORE	Establish services with communications center
E5	NON-CORE	Establish unit and command certificates
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Implement communication restoral priorities
E5	CORE	Implement Communications Plans (COMMPLAN)
E5	CORE	Implement non-repudiation controls
E4	NON-CORE	Install certificates (e.g., security, system, etc.)
E5	CORE	Install Tactical Command and Control (C2) systems (e.g., airborne, vehicle, etc.)
E5	CORE	Integrate portable communications systems
E5	CORE	Investigate loss of Facilities Control (FACCON)
E4	CORE	Load image software
E4	CORE	Maintain antenna systems
E4	CORE	Maintain communication publications
E5	CORE	Maintain communication reports (e.g., Master Station Log, Communications Spot Report (COMSPOT), Command, Control, Communications, Computers, and Intelligence (C4I), etc.)

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain communications archives
E5	CORE	Maintain communications status boards
E4	CORE	Maintain general message files
E4	CORE	Maintain local media and technical libraries
E5	CORE	Maintain portable communications systems
E5	CORE	Maintain Radio Frequency (RF) systems (e.g., High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Super High Frequency (SHF), Extremely High Frequency (EHF), etc.)
E4	CORE	Maintain terminal processors (e.g., Naval Modular Automated Communications System (NAVMACS), etc.)
E5	CORE	Manage messaging systems
E4	CORE	Monitor message queues (e.g., activity, backlog, etc.)
E4	CORE	Monitor messaging systems (e.g., system performance, special handling, message traffic flow, etc.)
E4	CORE	Perform communications checks
E5	CORE	Perform communications shifts
E4	CORE	Perform End of Mission Sanitizations (EOMS)
E4	CORE	Perform minimize condition procedures
E4	NON-CORE	Perform Over-The-Air-Rekey (OTAR)
E4	NON-CORE	Perform Over-The-Air-Transmission (OTAT)
E4	CORE	Prepare message system status reports
E4	CORE	Process messages (e.g., special handling, American Red Cross (AMCROSS), Situation Reports (SITREP), etc.)
E4	NON-CORE	Provide Radio over Internet Protocol (RoIP) connectivity
E5	CORE	Respond to Communications Spot Reports (COMSPOT)
E5	CORE	Restore loss of Facilities Control (FACCON)
E4	CORE	Sanitize communication centers
E4	CORE	Set Emission Control (EMCON) conditions
E4	CORE	Set Hazards of Electromagnetic Radiation (e.g., Hazards of Electromagnetic Radiation to Ordnance (HERO)/Hazards of Electromagnetic Radiation to Personnel (HERP) conditions, etc.)
E4	NON-CORE	Troubleshoot data links
E4	CORE	Update communication logs
E5	CORE	Validate Naval message formatting
E6	CORE	Validate unit and command certificates
E6	CORE	Verify currency of communications guidance (e.g., Operations Order (OPORD), Signature Control (SIGCON), etc.)
E4	CORE	Verify end to end circuit diagrams

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E7	CORE	Determine patterns of non-compliance (e.g., risk levels, Cyber Security program effectiveness, etc.)
E6	CORE	Enforce procedures, guidelines and cybersecurity policies
E4	CORE	Identify Information Systems Security (ISS) violations and vulnerabilities
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E4	NON-CORE	Implement Information Assurance Vulnerability Alerts (IAVA)
E4	NON-CORE	Implement Information Assurance Vulnerability Bulletins (IAVB)
E4	CORE	Maintain Information System (IS) antivirus definitions
E5	CORE	Maintain Information Systems (IS) logs
E5	CORE	Perform security actions
E4	NON-CORE	Provide technical support to resolve cyber incidents
E5	CORE	Report Information Systems Security (ISS) incidents
E5	CORE	Test Information Systems (IS)
E5	CORE	Validate migration/installation computer software

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Administer cloud services
E4	NON-CORE	Administer Information System (IS) accounts
E4	CORE	Administer network system databases
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct computer software migration
E5	CORE	Conduct Information Systems (IS) Testing and Evaluation (T&E)
E4	CORE	Configure computer application software
E4	NON-CORE	Configure network hardware
E5	CORE	Configure network services
E4	CORE	Configure peripherals
E4	CORE	Configure router and switching devices
E4	CORE	Configure virtual environments
E4	CORE	Configure workstation core components
E4	CORE	Configure workstation network connectivity
E4	CORE	Configure workstation Operating System (OS) software
E5	CORE	Coordinate the scheduling of backups
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E4	CORE	Document server outages
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Implement remediation plans for identified vulnerabilities
E5	CORE	Implement River City conditions on Information Systems (IS)
E4	NON-CORE	Initialize network servers
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E4	CORE	Install Information Systems (IS) hardware components
E5	CORE	Integrate embarkable Information Systems (IS) (e.g., squadron, Immediate Superior in Command (ISIC), Staff, lettered Agencies, Marines, etc.)
E4	CORE	Isolate infected systems
E5	CORE	Maintain cross-domain solutions (e.g., Radiant Mercury, NOVA, etc.)
E5	CORE	Maintain Information System (IS) servers (e.g., connectivity, updating, modifying, etc.)
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E4	CORE	Maintain network cabling
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E4	CORE	Maintain network printers
E4	CORE	Maintain network system databases
E5	CORE	Maintain network topologies
E5	CORE	Maintain software application scripts
E5	CORE	Maintain system certificates and licenses
E5	CORE	Manage collaboration software (e.g., Secure Video Teleconference (SVTC), Video Teleconference (VTC), TEAMS, Global Video Services (GVS), etc.)
E4	CORE	Manage file and folder access
E5	CORE	Manage Information System (IS) queues
E5	CORE	Manage Information System (IS) servers (e.g., settings, sites, applications, etc.)
E5	CORE	Manage network monitoring software performance
E5	NON-CORE	Manage networking solutions (e.g., Afloat Forward Staging Base (AFSB), Commercial Solutions for Classified Program (CSfC), etc.)
E7	NON-CORE	Manage system life-cycle plans
E4	CORE	Monitor network equipment status (e.g., overheating, connectivity, usability, etc.)
E4	CORE	Monitor routing and switching devices
E4	CORE	Patch Information Systems (IS)
E4	CORE	Perform data transfers
E4	CORE	Perform disk administration
E4	CORE	Perform file system maintenance
E4	CORE	Perform File Transfer Protocol (FTP) functions
E4	NON-CORE	Perform Information Systems (IS) backups
E4	CORE	Perform Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E4	CORE	Perform inventory of Information System (IS) assets
E4	CORE	Perform start-up/shut down procedures

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	NON-CORE	Perform trend analysis (e.g., hardware, software, network, etc.)
E5	CORE	Prepare network status reports
E4	CORE	Process customer trouble calls
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E4	NON-CORE	Restore computer Information Systems (IS)
E4	NON-CORE	Restore from backups (e.g., server, switches, routers, databases, etc.)
E4	CORE	Scan for viruses
E4	CORE	Troubleshoot client Operating Systems (OS)
E5	CORE	Troubleshoot end-to-end communications
E4	CORE	Troubleshoot file and folder access problems
E4	CORE	Troubleshoot network hardware
E4	CORE	Troubleshoot peripherals
E4	NON-CORE	Troubleshoot router and switching devices
E5	CORE	Troubleshoot server Operating Systems (OS)
E5	CORE	Troubleshoot storage devices
E4	NON-CORE	Troubleshoot virtual environments
E5	CORE	Troubleshoot Wide Area Networks (WAN) connections
E4	CORE	Troubleshoot workstation network connectivity
E4	CORE	Troubleshoot workstations
E6	CORE	Validate inventory of Information System (IS) assets
E7	CORE	Validate network operating procedures
E4	CORE	Verify backups
E7	CORE	Verify Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E4	NON-CORE	Verify network system operations

Job Title

System Administrator

Job Code

002777

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Computer and Mathematical	TBD	SYSTEM ADMINISTRATOR	SYS ADMIN

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

System Administrators manage and secure commercial and government network Operating Systems (OS) and cloud-based services within the functional areas of configuration, systems, and performance management; manage and maintain internal site networks, conduct tier-level network software and hardware corrective actions; demonstrate knowledge of and apply general security concepts; identify potential risks, monitor activity; secure network environments; and enforce security policies and procedures.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Network and Computer Systems Administrators	15-1244.00	Computer and Mathematical

Skills	Abilities
Operation and Control	*Deductive Reasoning*
Management of Material Resources	*Information Ordering*
Critical Thinking	*Problem Sensitivity*
Technology Design	*Inductive Reasoning*
Systems Analysis	*Visualization*
Complex Problem Solving	*Written Comprehension*
Troubleshooting	*Written Expression*
Writing	*Oral Expression*
Systems Evaluation	*Selective Attention*
Quality Control Analysis	*Speed of Closure*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E5	NON-CORE	Administer client platform securities
E4	CORE	Conduct Emergency Action Plans (EAP)
E4	CORE	Destroy Communication Security (COMSEC) material
E6	CORE	Develop Emergency Action Plans (EAP)
E4	CORE	Handle Communications Security (COMSEC) material
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E6	CORE	Implement Communications Security (COMSEC) changes
E4	CORE	Inspect security containers
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Maintain Crypto Ignition Keys (CIK)
E4	CORE	Maintain cryptographic equipment
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)
E4	CORE	Perform inventory of Communications Security (COMSEC) materials
E5	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Process Communications Security (COMSEC) changes
E4	CORE	Receive Communications Security (COMSEC) material
E4	CORE	Set up cryptographic equipment
E4	CORE	Set up cryptographic networks
E5	CORE	Transfer custody of Communications Security (COMSEC) material

COMMUNICATIONS SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Validate Communications Security (COMSEC) material
E4	CORE	Verify cryptographic equipment settings

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Configure data rate allocations
E4	CORE	Configure message processing systems
E5	CORE	Configure portable communications systems
E4	CORE	Connect data links
E6	CORE	Coordinate communication restoral priorities
E5	NON-CORE	Coordinate tactical Communications on the Move (COTM)
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E4	NON-CORE	Deploy Mobile Ad-hoc Networks (MANET)
E4	NON-CORE	Deploy tactical non-standard communications
E5	CORE	Determine system configuration requirements
E6	CORE	Develop training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	CORE	Disconnect data links
E4	CORE	Download Naval messages via automated systems
E4	CORE	Draft Communications Spot Reports (COMSPOT)
E5	CORE	Establish services with communications center
E5	NON-CORE	Establish unit and command certificates
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Implement communication restoral priorities
E5	CORE	Implement non-repudiation controls
E4	NON-CORE	Install certificates (e.g., security, system, etc.)
E5	CORE	Install Tactical Command and Control (C2) systems (e.g., airborne, vehicle, etc.)
E5	NON-CORE	Integrate Intelligence, Surveillance, and Reconnaissance (ISR) services (e.g., Global Broadcasting Systems (GBS), Communications Data Link System (CDLS), etc.)
E5	CORE	Integrate portable communications systems
E5	CORE	Investigate loss of Facilities Control (FACCON)
E4	CORE	Load image software
E5	CORE	Maintain communication reports (e.g., Master Station Log, Communications Spot Report (COMSPOT), Command, Control, Communications, Computers, and Intelligence (C4I), etc.)
E4	CORE	Maintain local media and technical libraries
E5	CORE	Maintain portable communications systems

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Manage messaging systems
E4	CORE	Monitor message queues (e.g., activity, backlog, etc.)
E4	CORE	Monitor messaging systems (e.g., system performance, special handling, message traffic flow, etc.)
E4	CORE	Perform End of Mission Sanitizations (EOMS)
E4	CORE	Perform minimize condition procedures
E5	CORE	Plan communication system outages
E4	NON-CORE	Provide Radio over Internet Protocol (RoIP) connectivity
E5	CORE	Respond to Communications Spot Reports (COMSPOT)
E5	CORE	Restore loss of Facilities Control (FACCON)
E4	CORE	Sanitize communication centers
E4	CORE	Set Emission Control (EMCON) conditions
E4	CORE	Set Hazards of Electromagnetic Radiation (e.g., Hazards of Electromagnetic Radiation to Ordnance (HERO)/Hazards of Electromagnetic Radiation to Personnel (HERP) conditions, etc.)
E6	CORE	Supervise minimize condition procedures
E4	NON-CORE	Troubleshoot data links
E4	CORE	Update communication logs
E6	CORE	Validate unit and command certificates
E6	CORE	Verify currency of communications guidance (e.g., Operations Order (OPORD), Signature Control (SIGCON), etc.)

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E6	CORE	Advise leadership of changes affecting the organization's cybersecurity posture
E5	CORE	Complete network security assessment checklists
E5	CORE	Configure network firewalls
E7	CORE	Determine patterns of non-compliance (e.g., risk levels, Cyber Security program effectiveness, etc.)
E7	CORE	Develop bandwidth management instructions
E7	NON-CORE	Develop critical infrastructure protection policies and procedures
E7	CORE	Draft Continuity of Operations Program (COOP)
E6	CORE	Enforce procedures, guidelines and cybersecurity policies
E7	CORE	Forecast service demands
E5	NON-CORE	Identify applications and Operating Systems (OS) of a network device based on network traffic
E4	CORE	Identify Information Systems Security (ISS) violations and vulnerabilities
E7	NON-CORE	Identify Information Technology (IT) security program implications of new technologies or technology upgrades
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E6	NON-CORE	Implement alternative Information Security (INFOSEC) strategies
E4	NON-CORE	Implement Information Assurance Vulnerability Alerts (IAVA)
E4	NON-CORE	Implement Information Assurance Vulnerability Bulletins (IAVB)
E6	CORE	Implement Information Systems Security (ISS) policies

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Implement network security applications
E5	CORE	Implement policies and procedures to ensure protection of critical infrastructure
E5	NON-CORE	Install dedicated cyber defense systems
E4	CORE	Maintain Information System (IS) antivirus definitions
E5	CORE	Maintain Information Systems (IS) logs
E7	CORE	Manage cyber certification requirements
E5	CORE	Perform cybersecurity assessments
E5	CORE	Perform security actions
E4	NON-CORE	Provide technical support to resolve cyber incidents
E7	CORE	Recommend Information Security (INFOSEC) requirements
E5	CORE	Report Information Systems Security (ISS) incidents
E6	CORE	Review Information Systems Security (ISS) requirements
E5	CORE	Test Information Systems (IS)
E5	CORE	Track audit findings for mitigation actions
E6	NON-CORE	Validate Information Assurance Vulnerability Alerts (IAVA)
E6	NON-CORE	Validate Information Assurance Vulnerability Bulletins (IAVB)
E5	CORE	Validate migration/installation computer software
E7	CORE	Validate network security assessment checklists
E6	CORE	Validate network security remediation actions

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Administer cloud services
E4	NON-CORE	Administer Information System (IS) accounts
E4	CORE	Administer network system databases
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct computer software migration
E5	CORE	Conduct Information Systems (IS) Testing and Evaluation (T&E)
E4	CORE	Configure computer application software
E5	CORE	Configure domain system policies
E4	NON-CORE	Configure network hardware
E5	CORE	Configure network services
E4	CORE	Configure peripherals
E5	CORE	Configure router Access Control Lists (ACL)
E4	CORE	Configure router and switching devices
E5	CORE	Configure server Operating System (OS) software
E4	CORE	Configure virtual environments
E5	NON-CORE	Configure virus scanners
E4	CORE	Configure workstation core components

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Configure workstation network connectivity
E4	CORE	Configure workstation Operating System (OS) software
E5	CORE	Construct networks
E5	CORE	Coordinate the scheduling of backups
E6	CORE	Determine network migration and installation potential problems and time requirements
E7	CORE	Develop disaster recovery contingency plans
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E7	CORE	Develop network plans and policies
E7	CORE	Develop remediation plans for identified vulnerabilities
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E4	CORE	Document server outages
E7	NON-CORE	Estimate network migration, installation or repair costs
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies
E5	CORE	Implement domain policies
E5	CORE	Implement network policies
E6	CORE	Implement remediation plans for identified vulnerabilities
E5	CORE	Implement River City conditions on Information Systems (IS)
E4	NON-CORE	Initialize network servers
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E4	CORE	Install Information Systems (IS) hardware components
E5	CORE	Integrate embarkable Information Systems (IS) (e.g., squadron, Immediate Superior in Command (ISIC), Staff, lettered Agencies, Marines, etc.)
E4	CORE	Isolate infected systems
E5	CORE	Maintain cross-domain solutions (e.g., Radiant Mercury, NOVA, etc.)
E5	CORE	Maintain Information System (IS) servers (e.g., connectivity, updating, modifying, etc.)
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E5	CORE	Maintain Local Area Network (LAN) architecture
E4	CORE	Maintain network cabling
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E4	CORE	Maintain network printers
E4	CORE	Maintain network system databases
E5	CORE	Maintain network topologies
E5	CORE	Maintain software application scripts

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Maintain system certificates and licenses
E7	CORE	Manage audit data
E5	NON-CORE	Manage cloud services
E5	CORE	Manage collaboration software (e.g., Secure Video Teleconference (SVTC), Video Teleconference (VTC), TEAMS, Global Video Services (GVS), etc.)
E4	CORE	Manage file and folder access
E5	CORE	Manage Information System (IS) queues
E5	CORE	Manage Information System (IS) servers (e.g., settings, sites, applications, etc.)
E6	CORE	Manage Local Area Network (LAN) architecture
E5	CORE	Manage network monitoring software performance
E5	CORE	Manage network system configurations
E5	CORE	Manage network system updates
E5	NON-CORE	Manage networking solutions (e.g., Afloat Forward Staging Base (AFSB), Commercial Solutions for Classified Program (CSfC), etc.)
E4	NON-CORE	Manage software containers in virtualization
E7	NON-CORE	Manage system life-cycle plans
E4	NON-CORE	Manage virtual environments
E4	CORE	Monitor network equipment status (e.g., overheating, connectivity, usability, etc.)
E4	CORE	Monitor routing and switching devices
E7	NON-CORE	Oversee network migrations and installation
E4	CORE	Patch Information Systems (IS)
E4	CORE	Perform data transfers
E4	CORE	Perform disk administration
E4	CORE	Perform file system maintenance
E4	CORE	Perform File Transfer Protocol (FTP) functions
E4	NON-CORE	Perform Information Systems (IS) backups
E4	CORE	Perform Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E5	CORE	Perform Internet Protocol (IP) shift
E4	CORE	Perform inventory of Information System (IS) assets
E4	CORE	Perform start-up/shut down procedures
E5	NON-CORE	Perform trend analysis (e.g., hardware, software, network, etc.)
E7	NON-CORE	Plan network restorations
E7	NON-CORE	Plan network upgrades
E5	CORE	Prepare network status reports
E4	CORE	Process customer trouble calls
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E4	NON-CORE	Restore computer Information Systems (IS)
E4	NON-CORE	Restore from backups (e.g., server, switches, routers, databases, etc.)
E4	CORE	Scan for viruses
E7	CORE	Supervise Internet Protocol (IP) shift

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Supervise Local Area Network (LAN) operations
E4	CORE	Troubleshoot client Operating Systems (OS)
E5	CORE	Troubleshoot end-to-end communications
E4	CORE	Troubleshoot file and folder access problems
E4	CORE	Troubleshoot network hardware
E4	CORE	Troubleshoot peripherals
E4	NON-CORE	Troubleshoot router and switching devices
E5	CORE	Troubleshoot server Operating Systems (OS)
E5	CORE	Troubleshoot storage devices
E4	NON-CORE	Troubleshoot virtual environments
E5	CORE	Troubleshoot Wide Area Networks (WAN) connections
E4	CORE	Troubleshoot workstation network connectivity
E4	CORE	Troubleshoot workstations
E5	NON-CORE	Update network policies
E7	CORE	Validate baseline security safeguard installation
E6	CORE	Validate inventory of Information System (IS) assets
E7	CORE	Validate network operating procedures
E5	CORE	Validate network topologies
E6	CORE	Validate River City conditions on Information Systems (IS)
E4	CORE	Verify backups
E7	CORE	Verify Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E4	NON-CORE	Verify network system operations
E5	NON-CORE	Write software application scripts

Job Title **Job Code**

Information Systems Security Manager 002779

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Computer and Mathematical	TBD	INFO SYSTEMS SECURITY MANAGER	ISSM

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

Information Systems Security Managers serve as principal advisors to the Commanding Officer for all information security matters: ensure cybersecurity and risk management program requirement conformity; review the accreditation plan and reaccreditation activities; confirm site accreditation support documentation is developed, maintained, and verified for an acceptable level of risk; track Cyberspace Workforce (CWF) compliance; confirm required personnel qualification achievement and maintenance; verify proper execution and documentation of security tests; ensure that Information System (IS) users are monitored to verify compliance with security policies and procedures; maintain an activity Cybersecurity Plan (CSP); and ensure the development of System Security Plans (SSP) for systems that contain sensitive information.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Information Security Engineers	15-1299.05	Computer and Mathematical

Skills	Abilities
Critical Thinking	*Deductive Reasoning*
Operation and Control	*Information Ordering*
Management of Material Resources	*Problem Sensitivity*
Writing	*Written Expression*
Complex Problem Solving	*Inductive Reasoning*
Systems Analysis	*Visualization*
Technology Design	*Written Comprehension*
Time Management	*Oral Expression*
Judgment and Decision Making	*Flexibility of Closure*
Quality Control Analysis	*Category Flexibility*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Conduct Emergency Action Plans (EAP)
E4	CORE	Destroy Communication Security (COMSEC) material
E6	CORE	Develop Emergency Action Plans (EAP)
E4	CORE	Inspect security containers
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E5	CORE	Determine system configuration requirements
E6	CORE	Develop training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	CORE	Maintain local media and technical libraries
E4	CORE	Sanitize communication centers

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E6	CORE	Advise leadership of changes affecting the organization's cybersecurity posture
E5	NON-CORE	Analyze Information Systems (IS) security posture trends
E5	NON-CORE	Analyze organizational security posture trends
E5	NON-CORE	Analyze Risk Management Framework (RMF) artifacts
E5	CORE	Complete network security assessment checklists
E7	CORE	Determine patterns of non-compliance (e.g., risk levels, Cyber Security program effectiveness, etc.)
E7	NON-CORE	Develop critical infrastructure protection policies and procedures
E7	NON-CORE	Develop domain policies
E6	NON-CORE	Develop Information Systems Security (ISS) plans
E7	NON-CORE	Develop Information Systems Security (ISS) policies
E6	CORE	Develop network security instructions
E5	CORE	Disseminate cyber event information
E5	CORE	Disseminate technical documents, incident reports, findings from computer examinations, summaries, and other situational awareness information to higher headquarters
E7	CORE	Draft Continuity of Operations Program (COOP)
E6	CORE	Enforce procedures, guidelines and cybersecurity policies
E7	NON-CORE	Evaluate Information Systems Security (ISS) incidents for operational impact
E7	CORE	Evaluate security improvement actions for effectiveness
E7	CORE	Forecast service demands
E6	NON-CORE	Identify critical cyber defense infrastructure and key resources to meet mission requirements
E4	CORE	Identify Information Systems Security (ISS) violations and vulnerabilities
E7	NON-CORE	Identify Information Technology (IT) security program implications of new technologies or technology upgrades
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E6	NON-CORE	Implement alternative Information Security (INFOSEC) strategies
E6	CORE	Implement Information Systems Security (ISS) policies
E5	CORE	Implement network security applications
E5	CORE	Implement policies and procedures to ensure protection of critical infrastructure
E7	NON-CORE	Maintain Information Systems Security (ISS) certification and accreditation documentation (e.g., Authority to Operate (ATO), Interim Approval to Operate (IATO), etc.)
E7	CORE	Manage cyber certification requirements
E7	CORE	Manage cyberspace workforce programs
E7	CORE	Manage electronic spillage process
E7	CORE	Manage Information Security (INFOSEC) incident reporting processes
E7	CORE	Manage Information Security (INFOSEC) training and awareness programs
E7	CORE	Manage Information Systems Security (ISS) programs
E7	CORE	Manage Information Technology (IT) resources and security personnel

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E7	CORE	Manage Information Technology (IT) resources and security personnel
E7	CORE	Manage Information Technology (IT) security priorities
E7	CORE	Manage intranet/Department of Defense Information Network (DODIN) security policies
E5	CORE	Perform cybersecurity assessments
E5	CORE	Perform security actions
E4	NON-CORE	Provide technical support to resolve cyber incidents
E7	CORE	Recommend Information Security (INFOSEC) requirements
E5	CORE	Report Information Systems Security (ISS) incidents
E7	CORE	Report organizational security posture trends
E6	CORE	Review Information Systems Security (ISS) requirements
E6	CORE	Review security risk assumptions
E5	CORE	Track audit findings for mitigation actions
E6	NON-CORE	Validate Information Assurance Vulnerability Alerts (IAVA)
E6	NON-CORE	Validate Information Assurance Vulnerability Bulletins (IAVB)
E5	NON-CORE	Validate Intrusion Detection System (IDS) alerts
E5	CORE	Validate migration/installation computer software
E7	CORE	Validate network security assessment checklists
E6	CORE	Validate network security remediation actions
E7	NON-CORE	Verify acquisitions, procurements, and outsourcing efforts of information security requirements

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct computer software migration
E7	CORE	Coordinate cybersecurity inspections, tests, and reviews
E6	CORE	Determine network migration and installation potential problems and time requirements
E7	CORE	Develop disaster recovery contingency plans
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E7	CORE	Develop network plans and policies
E7	CORE	Develop remediation plans for identified vulnerabilities
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E7	NON-CORE	Estimate network migration, installation or repair costs
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies
E6	CORE	Implement remediation plans for identified vulnerabilities

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E5	CORE	Maintain cross-domain solutions (e.g., Radiant Mercury, NOVA, etc.)
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E5	CORE	Maintain network topologies
E7	NON-CORE	Maintain Risk Management Framework (RMF)/Security Assessment and Authorization (SA&A) requirements for dedicated cyber defense systems
E5	CORE	Maintain system certificates and licenses
E7	CORE	Manage audit data
E7	NON-CORE	Manage information security budget, staffing, and contracting
E6	CORE	Manage Local Area Network (LAN) architecture
E5	CORE	Manage network system configurations
E5	CORE	Manage network system updates
E5	NON-CORE	Manage networking solutions (e.g., Afloat Forward Staging Base (AFSB), Commercial Solutions for Classified Program (CSfC), etc.)
E7	NON-CORE	Manage system life-cycle plans
E7	NON-CORE	Oversee network migrations and installation
E4	CORE	Perform data transfers
E4	CORE	Perform inventory of Information System (IS) assets
E7	NON-CORE	Plan network restorations
E7	NON-CORE	Plan network upgrades
E5	CORE	Prepare network status reports
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E5	CORE	Report Information Systems (IS) security posture trends
E6	CORE	Supervise Local Area Network (LAN) operations
E5	NON-CORE	Update network policies
E7	CORE	Validate baseline security safeguard installation
E7	CORE	Validate Information Technology (IT) security requirements in all phases of the system life cycle
E7	CORE	Validate network operating procedures
E5	CORE	Validate network topologies
E7	CORE	Verify Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)

Job Title **Job Code**

Communications Security (COMSEC) Account Manager (CAM) 002780

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Management	TBD	COMSEC ACCT MANAGER	COMSEC CAM

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

Communications Security (COMSEC) Account Managers (CAM) serve as the Commanding Officer's primary advisor on all COMSEC related matters; acquire, monitor, and maintain an organization's COMSEC allowance; ensure proper storage and adequate physical security for all COMSEC material held within an account; operate and maintain the Management Client/Advanced Key Processor (MGC/AKP) to manage material, and support local key generation, encryption, decryption, and destruction.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Computer and Information Systems Manager	11-3021.00	Management

Skills	Abilities
Operation and Control	*Information Ordering*
Critical Thinking	*Deductive Reasoning*
Management of Material Resources	*Inductive Reasoning*
Systems Analysis	*Problem Sensitivity*
Complex Problem Solving	*Written Comprehension*
Writing	*Written Expression*
Technology Design	*Visualization*
Judgment and Decision Making	*Oral Expression*
Troubleshooting	*Control Precision*
Coordination	*Speed of Closure*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer access to symmetric Crypto Net Key Management Infrastructure (KMI)
E5	NON-CORE	Administer client platform securities
E6	NON-CORE	Administer client platforms Key Management Infrastructure (KMI)
E5	NON-CORE	Administer deployed cryptologic tactical systems Key Management Infrastructure (KMI)
E6	NON-CORE	Administer High Assurance Platform (HAP) securities
E6	NON-CORE	Administer High Assurance Platforms (HAP)
E6	NON-CORE	Administer Key Management Infrastructure (KMI) Key Operating Accounts (KOA)
E5	NON-CORE	Administer Key Management Infrastructure (KMI) user accounts
E5	NON-CORE	Administer token securities
E6	NON-CORE	Assign product requestors
E5	NON-CORE	Audit Key Management Infrastructure (KMI) management data
E5	NON-CORE	Backup Key Management Infrastructure (KMI) accounts
E4	CORE	Conduct Emergency Action Plans (EAP)
E6	NON-CORE	Deregister Key Management Infrastructure (KMI) devices
E4	CORE	Destroy Communication Security (COMSEC) material
E6	NON-CORE	Destroy Key Management Infrastructure (KMI) storefront products
E6	CORE	Develop Emergency Action Plans (EAP)
E6	CORE	Develop local Communications Security (COMSEC) handling instructions
E6	NON-CORE	Endorse Key Management Infrastructure (KMI) devices

COMMUNICATIONS SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E6	NON-CORE	Establish Key Management Infrastructure (KMI) new product requirements
E6	NON-CORE	Generate Key Management Infrastructure (KMI) cryptologic product requests
E5	NON-CORE	Generate local keys
E4	CORE	Handle Communications Security (COMSEC) material
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E6	CORE	Implement Communications Security (COMSEC) changes
E7	CORE	Implement Emergency Action Plans (EAP)
E4	NON-CORE	Initialize Key Management Infrastructure (KMI) devices (e.g., fill devices, Inline Network Encryption (INE), bulk encryption, etc.)
E4	CORE	Inspect security containers
E5	NON-CORE	Issue Communication Security (COMSEC) material
E5	NON-CORE	Issue Key Management Infrastructure (KMI) materials
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Maintain Crypto Ignition Keys (CIK)
E4	CORE	Maintain cryptographic equipment
E5	NON-CORE	Maintain Key Management Infrastructure (KMI) databases
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)
E5	CORE	Manage Communications Security (COMSEC) training programs
E6	NON-CORE	Manage Key Management Infrastructure (KMI) Device Distribution Profiles (DDP)
E5	NON-CORE	Manage Key Management Infrastructure (KMI) network connectivity
E5	NON-CORE	Manage Key Management Infrastructure (KMI) production
E5	NON-CORE	Manage Key Management Infrastructure (KMI) system configurations
E5	NON-CORE	Manage Key Management Infrastructure (KMI) system reports
E5	NON-CORE	Manage Key Management Infrastructure (KMI) tokens
E5	CORE	Monitor Communications Security (COMSEC) platform security
E5	NON-CORE	Order Communications Security (COMSEC) products
E4	CORE	Perform inventory of Communications Security (COMSEC) materials
E5	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Process Communications Security (COMSEC) changes
E4	CORE	Receive Communications Security (COMSEC) material
E5	NON-CORE	Register Key Management Infrastructure (KMI) Key Operating Account (KOA) agents
E5	NON-CORE	Register Key Management Infrastructure (KMI) users
E5	NON-CORE	Register local Key Management Infrastructure (KMI) elements
E5	CORE	Report Communications Security (COMSEC) compliance
E6	CORE	Report Communications Security (COMSEC) compliance to higher authority (e.g., Commanding Officer (CO), Officer in Charge (OIC), etc.)
E5	NON-CORE	Review Key Management Infrastructure (KMI) databases
E4	CORE	Set up cryptographic equipment
E4	CORE	Set up cryptographic networks
E5	CORE	Transfer custody of Communications Security (COMSEC) material

COMMUNICATIONS SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E5	NON-CORE	Troubleshoot Key Management Infrastructure (KMI) suite
E5	NON-CORE	Update Device Distribution Profiles (DDP)
E4	CORE	Validate Communications Security (COMSEC) material
E6	CORE	Validate inventory of Communications Security (COMSEC) materials
E4	CORE	Verify cryptographic equipment settings

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E6	CORE	Develop training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	CORE	Maintain communication publications
E4	CORE	Maintain local media and technical libraries
E4	CORE	Perform End of Mission Sanitizations (EOMS)
E4	NON-CORE	Perform Over-The-Air-Rekey (OTAR)
E4	NON-CORE	Perform Over-The-Air-Transmission (OTAT)
E5	CORE	Restore loss of Facilities Control (FACCON)
E4	CORE	Sanitize communication centers
E6	CORE	Verify communications security policies

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E7	CORE	Draft Continuity of Operations Program (COOP)
E7	CORE	Forecast service demands
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E4	NON-CORE	Implement Information Assurance Vulnerability Alerts (IAVA)
E4	NON-CORE	Implement Information Assurance Vulnerability Bulletins (IAVB)
E4	CORE	Maintain Information System (IS) antivirus definitions
E5	CORE	Maintain Information Systems (IS) logs
E7	NON-CORE	Maintain Information Systems Security (ISS) certification and accreditation documentation (e.g., Authority to Operate (ATO), Interim Approval to Operate (IATO), etc.)
E5	CORE	Perform security actions
E5	CORE	Track audit findings for mitigation actions

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct computer software migration
E5	CORE	Configure network services
E4	CORE	Configure peripherals
E4	CORE	Configure workstation network connectivity
E4	CORE	Configure workstation Operating System (OS) software
E5	CORE	Coordinate the scheduling of backups
E6	CORE	Determine network migration and installation potential problems and time requirements
E7	CORE	Develop disaster recovery contingency plans
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E7	NON-CORE	Estimate network migration, installation or repair costs
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies
E6	CORE	Implement remediation plans for identified vulnerabilities
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E4	CORE	Install Information Systems (IS) hardware components
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E4	CORE	Maintain network system databases
E5	CORE	Maintain system certificates and licenses
E7	CORE	Manage audit data
E5	CORE	Manage network system configurations
E5	CORE	Manage network system updates
E7	NON-CORE	Manage system life-cycle plans
E4	CORE	Monitor network equipment status (e.g., overheating, connectivity, usability, etc.)
E7	NON-CORE	Oversee network migrations and installation
E4	CORE	Patch Information Systems (IS)
E4	CORE	Perform data transfers
E4	CORE	Perform disk administration
E4	CORE	Perform file system maintenance
E4	NON-CORE	Perform Information Systems (IS) backups
E4	CORE	Perform Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Perform inventory of Information System (IS) assets
E4	CORE	Perform start-up/shut down procedures
E7	NON-CORE	Plan network restorations
E7	NON-CORE	Plan network upgrades
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E4	NON-CORE	Restore computer Information Systems (IS)
E4	NON-CORE	Restore from backups (e.g., server, switches, routers, databases, etc.)
E4	CORE	Troubleshoot client Operating Systems (OS)
E5	CORE	Troubleshoot end-to-end communications
E4	CORE	Troubleshoot peripherals
E5	CORE	Troubleshoot Wide Area Networks (WAN) connections
E4	CORE	Troubleshoot workstation network connectivity
E4	CORE	Troubleshoot workstations
E5	NON-CORE	Update network policies
E6	CORE	Validate inventory of Information System (IS) assets
E4	CORE	Verify backups
E7	CORE	Verify Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E4	NON-CORE	Verify network system operations

Job Title **Job Code**

Vulnerability Assessment Analyst 002783

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Computer and Mathematical	TBD	VULN ASSESSMENT ANALYST	VULN ANALYST

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

Vulnerability Assessment Analysts identify vulnerabilities and perform corrective actions to ensure system confidentiality, integrity, and availability; administer and operate installed Computer Network Defense (CND) systems and applications in accordance with current doctrine; use approved software and Operating System (OS) specific tools to perform virus protection and detection, system backups, data recovery, and auditing functions; install security software and document all security issues or breaches; and develop, implement, and assess solutions, with regard to protocol and proxy service vulnerabilities, guarding against hostile attempts of compromise or inadvertent disclosure of sensitive material.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Information Security Analysts	15-1212.00	Computer and Mathematical

Skills	Abilities
Operation and Control	*Deductive Reasoning*
Critical Thinking	*Information Ordering*
Management of Material Resources	*Problem Sensitivity*
Systems Analysis	*Inductive Reasoning*
Technology Design	*Written Expression*
Complex Problem Solving	*Visualization*
Writing	*Written Comprehension*
Systems Evaluation	*Oral Expression*
Quality Control Analysis	*Flexibility of Closure*
Time Management	*Speed of Closure*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Conduct Emergency Action Plans (EAP)
E4	CORE	Destroy Communication Security (COMSEC) material
E4	CORE	Inspect security containers
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E6	CORE	Develop training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	NON-CORE	Establish unit and command certificates
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	NON-CORE	Install certificates (e.g., security, system, etc.)
E4	CORE	Maintain local media and technical libraries
E4	CORE	Sanitize communication centers

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E6	CORE	Advise leadership of changes affecting the organization's cybersecurity posture
E5	NON-CORE	Analyze Information Systems (IS) security posture trends
E5	NON-CORE	Analyze malicious activity
E5	NON-CORE	Analyze metadata in network traffic
E5	NON-CORE	Analyze organizational security posture trends
E5	CORE	Complete network security assessment checklists
E5	NON-CORE	Configure dedicated cyber defense systems
E5	CORE	Configure network firewalls
E7	CORE	Determine patterns of non-compliance (e.g., risk levels, Cyber Security program effectiveness, etc.)
E7	NON-CORE	Develop critical infrastructure protection policies and procedures
E6	CORE	Develop network security instructions
E5	CORE	Disseminate cyber event information
E5	CORE	Disseminate technical documents, incident reports, findings from computer examinations, summaries, and other situational awareness information to higher headquarters
E7	CORE	Draft Continuity of Operations Program (COOP)
E6	CORE	Enforce procedures, guidelines and cybersecurity policies
E7	NON-CORE	Evaluate Information Systems Security (ISS) incidents for operational impact
E7	CORE	Evaluate security improvement actions for effectiveness
E5	NON-CORE	Identify applications and Operating Systems (OS) of a network device based on network traffic
E4	CORE	Identify Information Systems Security (ISS) violations and vulnerabilities
E7	NON-CORE	Identify Information Technology (IT) security program implications of new technologies or technology upgrades
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E6	NON-CORE	Implement alternative Information Security (INFOSEC) strategies
E4	NON-CORE	Implement Information Assurance Vulnerability Alerts (IAVA)
E4	NON-CORE	Implement Information Assurance Vulnerability Bulletins (IAVB)
E6	CORE	Implement Information Systems Security (ISS) policies
E5	CORE	Implement network security applications
E5	CORE	Implement policies and procedures to ensure protection of critical infrastructure
E5	NON-CORE	Install dedicated cyber defense systems
E4	CORE	Maintain Information System (IS) antivirus definitions
E5	CORE	Maintain Information Systems (IS) logs
E7	CORE	Manage cyber certification requirements
E5	CORE	Perform cybersecurity assessments
E5	NON-CORE	Perform network mapping to identify vulnerabilities
E5	NON-CORE	Perform Operating System (OS) fingerprinting to identify vulnerabilities
E5	CORE	Perform security actions
E4	NON-CORE	Provide technical support to resolve cyber incidents
E7	CORE	Recommend Information Security (INFOSEC) requirements

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Report Information Systems Security (ISS) incidents
E7	CORE	Report organizational security posture trends
E6	CORE	Review Information Systems Security (ISS) requirements
E6	CORE	Review security risk assumptions
E5	CORE	Test Information Systems (IS)
E5	CORE	Track audit findings for mitigation actions
E6	NON-CORE	Validate Information Assurance Vulnerability Alerts (IAVA)
E6	NON-CORE	Validate Information Assurance Vulnerability Bulletins (IAVB)
E5	NON-CORE	Validate Intrusion Detection System (IDS) alerts
E7	CORE	Validate network security assessment checklists
E6	CORE	Validate network security remediation actions

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Administer cloud services
E4	CORE	Administer network system databases
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct computer software migration
E5	CORE	Conduct Information Systems (IS) Testing and Evaluation (T&E)
E4	CORE	Configure computer application software
E5	CORE	Configure domain system policies
E4	NON-CORE	Configure network hardware
E5	CORE	Configure network services
E5	CORE	Configure router Access Control Lists (ACL)
E5	CORE	Configure server Operating System (OS) software
E4	CORE	Configure virtual environments
E5	NON-CORE	Configure virus scanners
E6	CORE	Determine network migration and installation potential problems and time requirements
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E7	CORE	Develop network plans and policies
E7	CORE	Develop remediation plans for identified vulnerabilities
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E4	CORE	Document server outages
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies
E5	CORE	Implement domain policies

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Implement network policies
E6	CORE	Implement remediation plans for identified vulnerabilities
E4	NON-CORE	Initialize network servers
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E5	CORE	Integrate embarkable Information Systems (IS) (e.g., squadron, Immediate Superior in Command (ISIC), Staff, lettered Agencies, Marines, etc.)
E4	CORE	Isolate infected systems
E5	CORE	Maintain cross-domain solutions (e.g., Radiant Mercury, NOVA, etc.)
E5	CORE	Maintain Information System (IS) servers (e.g., connectivity, updating, modifying, etc.)
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E4	CORE	Maintain network system databases
E5	CORE	Maintain network topologies
E5	CORE	Maintain software application scripts
E5	CORE	Maintain system certificates and licenses
E7	CORE	Manage audit data
E5	NON-CORE	Manage cloud services
E5	CORE	Manage Information System (IS) servers (e.g., settings, sites, applications, etc.)
E5	CORE	Manage network monitoring software performance
E5	CORE	Manage network system updates
E4	NON-CORE	Manage software containers in virtualization
E7	NON-CORE	Manage system life-cycle plans
E4	NON-CORE	Manage virtual environments
E4	CORE	Monitor network equipment status (e.g., overheating, connectivity, usability, etc.)
E4	CORE	Patch Information Systems (IS)
E4	CORE	Perform data transfers
E4	CORE	Perform File Transfer Protocol (FTP) functions
E4	CORE	Perform inventory of Information System (IS) assets
E4	CORE	Perform start-up/shut down procedures
E5	NON-CORE	Perform trend analysis (e.g., hardware, software, network, etc.)
E7	NON-CORE	Plan network restorations
E7	NON-CORE	Plan network upgrades
E5	CORE	Prepare network status reports
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E5	CORE	Report Information Systems (IS) security posture trends
E4	CORE	Scan for viruses
E4	CORE	Troubleshoot client Operating Systems (OS)

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Troubleshoot Wide Area Networks (WAN) connections
E7	CORE	Validate baseline security safeguard installation
E7	CORE	Validate network operating procedures
E5	CORE	Validate network topologies

Job Title **Job Code**

Radio Frequency Operator 002784

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Computer and Mathematical	TBD	RADIO FREQUENCY OPERATOR	RF OPERATOR

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	IT	NEC HXXX, UXXX, 7XXX series and other NECs as assigned

Job Description

Radio Frequency Operators perform messaging, system monitoring, fault isolation, and circuit restoration of communications suites across the frequency spectrum to include communication transmission paths, input/output devices, cryptographic devices, and patch panels; demonstrate in-depth knowledge of signals, multiplexers, modulators/demodulators, transmission security, and applicable system transmitters, receivers, couplers and antenna subsystems; maintain signal quality through the use of system performance testing; determine signal distortion and identify preventive or corrective action as required; prepare and maintain all circuit, operational and administrative logs; and ensure accountability of publications and associated materials; and provide knowledge and expertise in fleet spectrum management.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
ADP Computers, General	115000	Telecommunications Engineering Specialist	15-1241.01	Computer and Mathematical

Skills	Abilities
Operation and Control	*Deductive Reasoning*
Management of Material Resources	*Information Ordering*
Critical Thinking	*Problem Sensitivity*
Complex Problem Solving	*Written Comprehension*
Technology Design	*Written Expression*
Systems Analysis	*Visualization*
Writing	*Inductive Reasoning*
Coordination	*Oral Expression*
Judgment and Decision Making	*Speed of Closure*
Systems Evaluation	*Selective Attention*

COMMUNICATIONS SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Conduct Emergency Action Plans (EAP)
E4	CORE	Destroy Communication Security (COMSEC) material
E6	CORE	Develop Emergency Action Plans (EAP)
E4	CORE	Handle Communications Security (COMSEC) material
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E6	CORE	Implement Communications Security (COMSEC) changes
E4	NON-CORE	Initialize Key Management Infrastructure (KMI) devices (e.g., fill devices, Inline Network Encryption (INE), bulk encryption, etc.)
E4	CORE	Inspect security containers
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Maintain Crypto Ignition Keys (CIK)
E4	CORE	Maintain cryptographic equipment
E4	CORE	Maintain physical security of Sensitive Compartmented Information (SCI) of Information Systems (IS)
E4	CORE	Perform inventory of Communications Security (COMSEC) materials
E5	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Process Communications Security (COMSEC) changes
E4	CORE	Receive Communications Security (COMSEC) material
E4	CORE	Set up cryptographic equipment
E4	CORE	Set up cryptographic networks

COMMUNICATIONS SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Transfer custody of Communications Security (COMSEC) material
E4	CORE	Validate Communications Security (COMSEC) material
E6	CORE	Validate inventory of Communications Security (COMSEC) materials
E4	CORE	Verify cryptographic equipment settings

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS

Paygrade	Task Type	Task Statements
E6	NON-CORE	Administer spectrum data (e.g., Real Time Spectrum Operations (RTSO), Spectrum XXI, etc.)
E5	NON-CORE	Collect spectrum requirements
E5	CORE	Complete communication certification checklists
E5	CORE	Conduct training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Configure data rate allocations
E4	CORE	Configure message processing systems
E5	CORE	Configure portable communications systems
E4	CORE	Configure Radio Frequency (RF) systems (e.g., High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Super High Frequency (SHF), Extremely High Frequency (EHF), etc.)
E4	NON-CORE	Configure switching equipment (e.g., Automated Single Audio System (ASAS), Automated Network Control Center (ANCC), Tactical Variant Switch (TVS), etc.)
E4	NON-CORE	Configure tactical waveforms (e.g., Low Probability of Exploitation (LPE), High Performance Waveform (HPW), etc.)
E4	NON-CORE	Configure test equipment (e.g., Spectrum Analyzer, Oscilloscope, Firebird, etc.)
E4	CORE	Connect data links
E5	NON-CORE	Coordinate all operational spectrum requirements (e.g., Identification Friend or Foe (IFF), LINK, etc.)
E6	CORE	Coordinate communication restoral priorities
E5	NON-CORE	Coordinate tactical Communications on the Move (COTM)
E7	NON-CORE	Coordinate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Coordinate with off-site technical support (e.g., restoral, installs, parts, etc.)
E5	NON-CORE	Deconflict Electromagnetic Interference (EMI)
E4	NON-CORE	Deploy Mobile Ad-hoc Networks (MANET)
E4	NON-CORE	Deploy tactical non-standard communications
E5	CORE	Deploy Tactical Radio Frequency (RF) systems (e.g., field expedient Tactical Communications Satellite (TACSAT), etc.)
E6	NON-CORE	Designate circuit frequency assignments
E6	NON-CORE	Determine Joint restricted frequencies
E5	CORE	Determine system configuration requirements
E7	NON-CORE	Develop communications policies
E6	CORE	Develop communications Primary, Alternate, Contingency and Emergency (PACE) plan
E6	NON-CORE	Develop Electromagnetic Spectrum (EMS) policies and procedures
E6	NON-CORE	Develop Joint Communications Electronics Operation Instructions (JCEOI)

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E6	NON-CORE	Develop spectrum management plans
E6	NON-CORE	Develop spectrum requirements data call messages
E6	NON-CORE	Develop spectrum requirements summaries
E6	CORE	Develop training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E4	CORE	Disconnect data links
E6	NON-CORE	Disseminate Joint Restricted Frequency List (JRFL)
E5	CORE	Disseminate spectrum management plans
E4	CORE	Download Naval messages via automated systems
E5	CORE	Draft Communications Plans (COMMPLAN)
E4	CORE	Draft Communications Spot Reports (COMSPOT)
E6	NON-CORE	Draft Operational Task Communications (OPTASK COMMS)
E5	CORE	Establish services with communications center
E5	NON-CORE	Establish unit and command certificates
E6	CORE	Evaluate Radio Frequency (RF) communications policies
E6	CORE	Evaluate training evolutions (e.g., Combat Systems Training Team (CSTT), Command Readiness Training Team (CRTT), etc.)
E5	CORE	Identify electromagnetic interference (EMI)
E6	NON-CORE	Identify source of Electromagnetic Interference (EMI)
E5	CORE	Implement communication restoral priorities
E5	CORE	Implement Communications Plans (COMMPLAN)
E5	CORE	Implement non-repudiation controls
E4	NON-CORE	Install certificates (e.g., security, system, etc.)
E5	CORE	Install Tactical Command and Control (C2) systems (e.g., airborne, vehicle, etc.)
E5	NON-CORE	Integrate Intelligence, Surveillance, and Reconnaissance (ISR) services (e.g., Global Broadcasting Systems (GBS), Communications Data Link System (CDLS), etc.)
E5	CORE	Integrate portable communications systems
E5	CORE	Investigate loss of Facilities Control (FACCON)
E4	CORE	Load image software
E4	CORE	Maintain antenna systems
E4	CORE	Maintain communication publications
E5	CORE	Maintain communication reports (e.g., Master Station Log, Communications Spot Report (COMSPOT), Command, Control, Communications, Computers, and Intelligence (C4I), etc.)
E4	CORE	Maintain communications archives
E5	CORE	Maintain communications status boards
E4	CORE	Maintain general message files
E4	CORE	Maintain local media and technical libraries
E5	CORE	Maintain portable communications systems
E5	CORE	Maintain Radio Frequency (RF) systems (e.g., High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Super High Frequency (SHF), Extremely High Frequency (EHF), etc.)

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain terminal processors (e.g., Naval Modular Automated Communications System (NAVMACS), etc.)
E7	CORE	Manage communications certification requirements
E5	CORE	Manage messaging systems
E6	CORE	Manage Radio Frequency (RF) systems (e.g., High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Super High Frequency (SHF), Extremely High Frequency (EHF), etc.)
E7	CORE	Manage Satellite Access Request (SAR) process
E4	CORE	Monitor message queues (e.g., activity, backlog, etc.)
E4	CORE	Monitor messaging systems (e.g., system performance, special handling, message traffic flow, etc.)
E4	CORE	Perform communications checks
E5	CORE	Perform communications shifts
E4	CORE	Perform End of Mission Sanitizations (EOMS)
E4	CORE	Perform minimize condition procedures
E4	NON-CORE	Perform Over-The-Air-Rekey (OTAR)
E4	NON-CORE	Perform Over-The-Air-Transmission (OTAT)
E5	CORE	Plan communication system outages
E4	CORE	Prepare message system status reports
E5	CORE	Prepare Satellite Access Requests (SAR)/Gateway Access Request (GAR)/After Action Reports (AAR)/End of Service Report (ESR)
E4	CORE	Process messages (e.g., special handling, American Red Cross (AMCROSS), Situation Reports (SITREP), etc.)
E6	NON-CORE	Project potential Electromagnetic Interference (EMI) sources
E4	NON-CORE	Provide Radio over Internet Protocol (RoIP) connectivity
E5	CORE	Report electromagnetic interference (EMI)
E5	NON-CORE	Resolve electromagnetic interference (EMI)
E5	CORE	Respond to Communications Spot Reports (COMSPOT)
E5	CORE	Restore loss of Facilities Control (FACCON)
E4	CORE	Sanitize communication centers
E4	CORE	Set Emission Control (EMCON) conditions
E4	CORE	Set Hazards of Electromagnetic Radiation (e.g., Hazards of Electromagnetic Radiation to Ordnance (HERO)/Hazards of Electromagnetic Radiation to Personnel (HERP) conditions, etc.)
E6	NON-CORE	Submit all spectrum requests and packages for national or host approval
E6	NON-CORE	Submit electromagnetic interference (EMI) reports
E6	CORE	Supervise minimize condition procedures
E4	NON-CORE	Troubleshoot data links
E4	CORE	Update communication logs
E6	NON-CORE	Update spectrum-use databases
E7	CORE	Validate communication certification checklists
E6	NON-CORE	Validate electromagnetic interference (EMI) resolution
E7	NON-CORE	Validate Electromagnetic Spectrum (EMS) documentation

COMMUNICATIONS SYSTEMS AND RADIO FREQUENCY OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Validate Naval message formatting
E6	CORE	Validate unit and command certificates
E6	CORE	Verify communications security policies
E6	CORE	Verify currency of communications guidance (e.g., Operations Order (OPORD), Signature Control (SIGCON), etc.)
E4	CORE	Verify end to end circuit diagrams

DEPARTMENT OF DEFENSE INFORMATION NETWORK (DODIN) CYBERSPACE OPERATIONS

Paygrade	Task Type	Task Statements
E7	CORE	Develop bandwidth management instructions
E7	CORE	Draft Continuity of Operations Program (COOP)
E7	CORE	Forecast service demands
E4	CORE	Identify security issues (e.g., protection, aggregation, inter-connectivity, etc.)
E5	CORE	Maintain Information Systems (IS) logs
E5	CORE	Perform security actions
E5	CORE	Report Information Systems Security (ISS) incidents
E5	CORE	Test Information Systems (IS)

NETWORK ADMINISTRATION

Paygrade	Task Type	Task Statements
E7	NON-CORE	Advise senior management (e.g., Chief Information Officer (CIO) on cost/benefit analysis of information security programs, policies, processes, systems, and elements, etc.)
E5	CORE	Conduct Information Systems (IS) Testing and Evaluation (T&E)
E4	CORE	Configure peripherals
E7	CORE	Develop disaster recovery contingency plans
E5	CORE	Develop Information System (IS) Standard Operating Procedures (SOP)
E4	CORE	Document Information System (IS) errors
E4	CORE	Document network outages
E4	CORE	Document off-site technical support actions
E7	NON-CORE	Evaluate cost-benefit, economic, and risk analysis for Information Systems (IS) in decision-making process
E4	CORE	Identify Information Systems (IS) anomalies
E6	CORE	Implement remediation plans for identified vulnerabilities
E5	CORE	Implement River City conditions on Information Systems (IS)
E4	CORE	Inspect Information Systems (IS) (e.g., network components, system hardware, etc.)
E4	CORE	Install Information Systems (IS) hardware components
E5	CORE	Integrate embarkable Information Systems (IS) (e.g., squadron, Immediate Superior in Command (ISIC), Staff, lettered Agencies, Marines, etc.)
E5	CORE	Maintain cross-domain solutions (e.g., Radiant Mercury, NOVA, etc.)
E7	CORE	Maintain Information Systems (IS) (e.g., Program of Record (POR), authorized, system backups, etc.)
E4	CORE	Maintain network cabling

NETWORK ADMINISTRATION (CONT'D)

Paygrade	Task Type	Task Statements
E6	NON-CORE	Maintain network documentation (e.g., System Operational Verification Testing (SOVT), Interactive Electronic Technical Manual (IETM), Hosted Application and Connected Systems Implementation Manual (HACSIM), etc.)
E5	CORE	Manage collaboration software (e.g., Secure Video Teleconference (SVTC), Video Teleconference (VTC), TEAMS, Global Video Services (GVS), etc.)
E5	CORE	Manage network monitoring software performance
E7	NON-CORE	Manage system life-cycle plans
E4	CORE	Monitor network equipment status (e.g., overheating, connectivity, usability, etc.)
E4	CORE	Perform data transfers
E4	CORE	Perform disk administration
E4	CORE	Perform File Transfer Protocol (FTP) functions
E4	CORE	Perform Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E5	CORE	Perform Internet Protocol (IP) shift
E4	CORE	Perform inventory of Information System (IS) assets
E4	CORE	Perform start-up/shut down procedures
E4	CORE	Process customer trouble calls
E7	CORE	Provide Information Systems (IS) incident details to external organizations (e.g., law enforcement personnel, Inspector General (IG), higher authority, etc.)
E4	NON-CORE	Restore computer Information Systems (IS)
E7	CORE	Supervise Internet Protocol (IP) shift
E5	CORE	Troubleshoot end-to-end communications
E4	CORE	Troubleshoot peripherals
E5	CORE	Troubleshoot Wide Area Networks (WAN) connections
E4	CORE	Troubleshoot workstation network connectivity
E4	CORE	Troubleshoot workstations
E6	CORE	Validate inventory of Information System (IS) assets
E6	CORE	Validate River City conditions on Information Systems (IS)
E7	CORE	Verify Information Systems (IS) equipment and media disposition requirements (e.g., destruction, disposal, transfer, etc.)
E4	NON-CORE	Verify network system operations