CHAPTER 67

INFORMATION SYSTEMS TECHNICIANS, SUBMARINES, COMMUNICATIONS (ITR)

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INFORMATION SYSTEMS TECHNICIANS, SUBMARINES, COMMUNICATIONS (ITR)

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

INFORMATION SYSTEMS TECHNICIANS, SUBMARINES, COMMUNICATIONS (ITR)
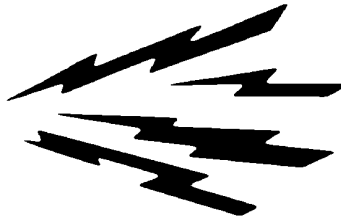
SCOPE OF RATING

Information System Technicians, Submarines, Communications (ITR) operate and maintain the equipment used for communications, cryptographic operations, and communications security; operate and maintain General Purpose Test Equipment (GPTE) and auxiliary equipment to perform assigned mission organization level maintenance and repair for Command, Control, Communications, Computers, and Intelligence (C4I) systems while standing watch on associated equipment; apply general working knowledge of electricity and electronics repair to electronics and electronic cables and connectors; localize malfunctions and repair/replace faulty parts or subassemblies; align, adjust, calibrate, and perform corrective maintenance on communications equipment; generate, transmit, and account for Naval messages; perform specialty functions on communication-based network systems; manage Common Submarine Radio Room (CSRR) routers, switches, and network equipment; assist with and operate carry-on equipment; and ensure the proper security, handling, accounting, reporting, and control of Communications Security (COMSEC) materials, systems, and equipment.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 67.

GENERAL INFORMATION

CAREER PATTERN

ITRCM

ITRCS

ITRC

ITR1

ITR2

ITR3

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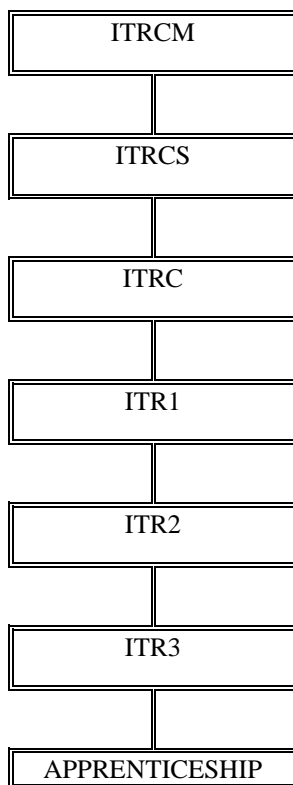
Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

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**
Communications Specialist				**002789**

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Computer and Mathematical	TBD	COMMUNICATIONS SPECIALIST	COMMS SPEC

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

Job Description

Communications Specialists operate and maintain Common Submarine Radio Room (CSRR) equipment for routing voice and data Internet Protocol (IP) communications to and from external sources; generate, transmit, and account for Naval messages; operate, maintain, monitor, and control Information Systems (IS) in support of the world-wide telecommunications network while standing watch on related equipment; perform core and specialty functions of network administration within physical and virtual environments; troubleshoot and assist with the use of computer hardware and software including printers and software applications; conduct system backups and restores; install applications and peripherals; monitor and protect networked computer systems by detecting and reporting threats of network intrusion and unauthorized access; protect information from and recover information after loss or damage using backups, virus detection, and recovery software procedures; maintain cybersecurity; and receive, inventory, load, and destroy Communications Security (COMSEC) material.

DoD Relationship

O*NET Relationship

Group Title	_DoD Code_	_Occupation Title_	_SOC Code_	_Job Family_
ADP Computers, General	115000	Computer Network Support Specialists	15-1231.00	Computer and Mathematical

Skills	**Abilities**
Operation and Control	_Information Ordering_
Equipment Maintenance	_Written Comprehension_
Technology Design	_Deductive Reasoning_
Management of Material Resources	_Problem Sensitivity_
Repairing	_Inductive Reasoning_
Troubleshooting	_Written Expression_
Quality Control Analysis	_Category Flexibility_
Systems Evaluation	_Flexibility of Closure_
Installation	_Selective Attention_
Operation Monitoring	_Control Precision_

ADMINISTRATION

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Conduct controlled evolution briefs
E4	CORE	Draft Naval messages
E4	CORE	Inventory computer Information Systems (IS) assets
E4	CORE	Inventory Top Secret (TS)/Sensitive Compartmented Information (SCI) materials
E4	CORE	Maintain General Message Files (GMF)
E6	CORE	Maintain network documentation (e.g., Systems Authorization Access Request-Navy (SAAR-N), Privileged Access Agreement (PAA), etc.)
E4	CORE	Prepare network status reports

COMMUNICATIONS SECURITY (COMSEC)

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Control access to Communications Security (COMSEC) usage areas
E4	CORE	Destroy Communication Security (COMSEC) materials
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E4	CORE	Inventory Communications Security (COMSEC) materials
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Load Communications Security (COMSEC) materials

COMMUNICATIONS SECURITY (COMSEC) (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Receive Communications Security (COMSEC) materials
E4	CORE	Store Communications Security (COMSEC) material
E4	CORE	Validate Communications Security (COMSEC) materials

COMMUNICATIONS SYSTEM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze record message traffic data
E4	CORE	Communicate information on in-port circuits
E4	CORE	Communicate information using Radio Frequency (RF) systems
E4	CORE	Configure radio workstations
E4	CORE	Employ Identification, Friend or Foe (IFF) systems
E4	CORE	Establish Information Systems (IS) off-hull connectivity
E5	CORE	Implement Emissions Control (EMCON)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Provide tactical communication support
E5	CORE	Recover systems using Disaster Recovery Plan (DRP)
E4	NON-CORE	Report Electromagnetic Interference (EMI)
E4	CORE	Review equipment status for proper operation
E4	NON-CORE	Set up Channel Service Units/Data Service Units (CSU/DSU) for Fiber Distributed Data Interface (FDDI) operations
E4	CORE	Transmit information using emergency antenna systems
E5	CORE	Troubleshoot Identification, Friend or Foe (IFF) systems
E5	CORE	Troubleshoot mast and antenna systems
E5	CORE	Troubleshoot Radio Frequency (RF)/communications systems
E4	CORE	Update Program of Record (POR) systems
E5	CORE	Validate system Radio Frequency (RF) distribution paths
E4	CORE	Verify Emissions Control (EMCON) conditions are in effect

CYBER SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Information Systems Security (ISS) requirements
E4	CORE	Configure anti-virus software
E4	CORE	Maintain Information Systems (IS) assets
E4	CORE	Maintain Information Systems Security (ISS) logs
E4	CORE	Report Information Systems Security (ISS) incidents
E4	CORE	Report Information Systems Security (ISS) violations
E4	CORE	Report Information Systems Security (ISS) vulnerabilities
E4	CORE	Scan Information Systems (IS) for vulnerabilities
E4	CORE	Update computer Information System (IS) anti-virus definitions
E5	NON-CORE	Update network security tools

EQUIPMENT MAINTENANCE

Paygrade	Task Type	Task Statements
E4	CORE	Analyze network audit logs
E4	CORE	Archive computer Information System (IS) logs
E4	CORE	Backup Information Systems (IS)
E4	CORE	Maintain Identification, Friend or Foe (IFF) systems
E4	CORE	Maintain mast and antenna systems
E5	CORE	Maintain Radio Frequency (RF)/communications systems
E5	NON-CORE	Manage test equipment
E4	CORE	Perform system file maintenance
E4	CORE	Repair network components (e.g., Local Area Network (LAN) cables, modules, etc.)
E4	NON-CORE	Repair peripherals
E4	CORE	Troubleshoot system hardware

NETWORK MANAGEMENT

Paygrade	Task Type	Task Statements
E4	CORE	Apply Information Systems (IS) file and folder permissions
E5	CORE	Configure Information Systems (IS) application software
E5	CORE	Configure server Operating System (OS) software
E4	CORE	Maintain domain system accounts
E4	NON-CORE	Maintain intranet websites
E4	CORE	Maintain network databases
E4	NON-CORE	Maintain Program of Record (POR) applications (e.g., eTagout, Non-Tactical Data Processing System (NOSIS), etc.)
E4	NON-CORE	Maintain Virtual Private Networks (VPN)
E6	CORE	Manage Information Systems (IS) file and folder permissions
E4	CORE	Repair client software
E4	CORE	Repair computer Information Systems (IS)
E4	NON-CORE	Repair intranet websites
E5	CORE	Repair virtual network environments
E5	CORE	Troubleshoot virtual network environments
E5	CORE	Update virtual network environments
E4	CORE	Verify Information Systems Security (ISS) software programs operations

NETWORK OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Administer computer Information System (IS) user accounts
E4	CORE	Analyze Information System (IS) trends (e.g., hardware, software, network, etc.)
E5	CORE	Configure Information Systems (IS) network hardware
E4	CORE	Configure peripherals
E4	CORE	Configure print services
E4	CORE	Configure software-based analysis tools
E4	CORE	Configure storage devices

NETWORK OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Configure workstation network connectivity
E4	CORE	Configure workstation Operating System (OS) software
E4	CORE	Create workstation images
E4	CORE	Document server Operating System (OS) errors
E4	NON-CORE	Implement system vulnerability patches
E5	CORE	Install network components
E5	CORE	Install network software
E5	CORE	Install Operating Systems (OS)
E4	CORE	Install peripherals
E4	CORE	Install storage devices
E5	CORE	Install virtual network environments
E4	CORE	Load image software
E4	CORE	Recover computer Information Systems (IS)
E4	CORE	Remove storage devices
E4	CORE	Shut down computer Information Systems (IS)
E4	CORE	Start up computer Information Systems (IS)
E4	CORE	Transfer files (e.g., Trivial File Transfer Protocol (TFTP), Secure Shell Protocol (SSP), etc.)
E4	CORE	Troubleshoot client applications
E4	CORE	Troubleshoot computer Information Systems (IS)
E4	CORE	Troubleshoot file and folder access problems
E4	CORE	Troubleshoot network components
E4	CORE	Troubleshoot networks
E4	CORE	Troubleshoot Operating Systems (OS)
E4	CORE	Troubleshoot peripherals
E4	CORE	Troubleshoot Program of Record (POR) applications (e.g., eTagout, Non-Tactical Data Processing System (NOSIS), etc.)
E4	CORE	Troubleshoot storage devices
E4	CORE	Troubleshoot workstation network connectivity
E5	CORE	Verify delivered Information Systems (IS) functionality
E5	CORE	Verify delivered network components functionality
E5	CORE	Verify delivered system hardware functionality

Job Title				**Job Code**

Communications Technician

002790

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Computer and Mathematical	TBD	COMMUNICATIONS TECHNICIAN	COMMS TECH

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

Job Description

Communications Technicians perform organizational level maintenance on Common Submarine Radio Room (CSRR) equipment for routing voice and data Internet Protocol (IP) communications to and from external sources; perform Information Systems (IS) administration on unit-level equipment for world-wide telecommunications networks, General Purpose Test Equipment (GPTE), and auxiliary support equipment; interpret schematics and block diagrams; apply general working knowledge of electricity and electronics in order to repair electronics and electronic cables and connectors; localize malfunctions and repairs; replace faulty parts or subassemblies; generate, transmit, and account for Naval messages; develop communication division training; coordinate and supervise communication division maintenance; collect communication equipment performance data; maintain communication division records; and receive, inventory, load, and destroy Communications Security (COMSEC) material.

DoD Relationship   **O*NET Relationship**

Group Title	_DoD Code_	_Occupation Title_	_SOC Code_	_Job Family_
ADP Computers, General	115000	Telecommunications Engineering Specialists	15-1241.01	Computer and Mathematical

Skills	**Abilities**
Operation and Control	_Information Ordering_
Equipment Maintenance	_Written Comprehension_
Technology Design	_Deductive Reasoning_
Management of Material Resources	_Problem Sensitivity_
Repairing	_Inductive Reasoning_
Troubleshooting	_Written Expression_
Quality Control Analysis	_Category Flexibility_
Systems Evaluation	_Selective Attention_
Installation	_Oral Expression_
Operation Monitoring	_Flexibility of Closure_

ADMINISTRATION

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Conduct controlled evolution briefs
E6	CORE	Coordinate System Operation Verification Testing (SOVT)
E4	CORE	Draft Naval messages
E5	CORE	Generate Requests For Information (RFI)
E4	CORE	Inventory computer Information Systems (IS) assets
E4	CORE	Inventory Top Secret (TS)/Sensitive Compartmented Information (SCI) materials
E4	CORE	Maintain General Message Files (GMF)
E6	CORE	Maintain network documentation (e.g., Systems Authorization Access Request-Navy (SAAR-N), Privileged Access Agreement (PAA), etc.)
E5	CORE	Maintain Top Secret (TS)/Sensitive Compartmented Information (SCI) inventories
E6	CORE	Prepare disaster recovery contingency plans
E4	CORE	Prepare network status reports
E6	CORE	Update computer configuration documentation

COMMUNICATIONS SECURITY (COMSEC)

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Control access to Communications Security (COMSEC) usage areas

COMMUNICATIONS SECURITY (COMSEC) (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Destroy Communication Security (COMSEC) materials
E6	CORE	Develop Emergency Action Plans (EAP)
E6	CORE	Develop Emergency Destruction Plans (EDP)
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E4	CORE	Inventory Communications Security (COMSEC) materials
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Load Communications Security (COMSEC) materials
E6	CORE	Manage Communications Security (COMSEC) training programs
E6	CORE	Manage Key Management Infrastructure (KMI) system accounts
E6	CORE	Monitor Communications Security (COMSEC) platform security
E4	CORE	Prepare local element Communication Security (COMSEC) reports
E4	CORE	Receive Communications Security (COMSEC) materials
E4	CORE	Store Communications Security (COMSEC) material
E6	CORE	Supervise Key Management Infrastructure (KMI) system users
E4	CORE	Validate Communications Security (COMSEC) materials

COMMUNICATIONS SYSTEM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze record message traffic data
E4	CORE	Communicate information on in-port circuits
E4	CORE	Communicate information using Radio Frequency (RF) systems
E4	CORE	Configure radio workstations
E5	CORE	Develop communication employment plans
E4	CORE	Employ Identification, Friend or Foe (IFF) systems
E4	CORE	Establish Information Systems (IS) off-hull connectivity
E5	CORE	Implement Emissions Control (EMCON)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Provide tactical communication support
E5	CORE	Recover systems using Disaster Recovery Plan (DRP)
E4	NON-CORE	Report Electromagnetic Interference (EMI)
E4	CORE	Review equipment status for proper operation
E4	NON-CORE	Set up Channel Service Units/Data Service Units (CSU/DSU) for Fiber Distributed Data Interface (FDDI) operations
E6	CORE	Supervise Pre-Planned Responses (PPR) executions
E4	CORE	Transmit information using emergency antenna systems
E5	CORE	Troubleshoot Identification, Friend or Foe (IFF) systems
E5	CORE	Troubleshoot mast and antenna systems
E5	CORE	Troubleshoot Radio Frequency (RF)/communications systems
E4	CORE	Update Program of Record (POR) systems
E5	CORE	Validate system Radio Frequency (RF) distribution paths
E4	CORE	Verify Emissions Control (EMCON) conditions are in effect

CYBER SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Information Systems Security (ISS) requirements
E4	CORE	Configure anti-virus software
E4	CORE	Maintain Information Systems (IS) assets
E4	CORE	Maintain Information Systems Security (ISS) logs
E6	CORE	Manage network firewall policies
E4	CORE	Report Information Systems Security (ISS) incidents
E4	CORE	Report Information Systems Security (ISS) violations
E4	CORE	Report Information Systems Security (ISS) vulnerabilities
E4	CORE	Scan Information Systems (IS) for vulnerabilities
E4	CORE	Update computer Information System (IS) anti-virus definitions
E5	NON-CORE	Update network security tools

EQUIPMENT MAINTENANCE

Paygrade	Task Type	Task Statements
E4	CORE	Analyze network audit logs
E4	CORE	Archive computer Information System (IS) logs
E4	CORE	Backup Information Systems (IS)
E4	CORE	Maintain Identification, Friend or Foe (IFF) systems
E4	CORE	Maintain mast and antenna systems
E5	CORE	Maintain Radio Frequency (RF)/communications systems
E5	NON-CORE	Manage test equipment
E4	CORE	Perform system file maintenance
E5	CORE	Repair Identification, Friend or Foe (IFF) systems
E5	CORE	Repair mast and antenna systems
E4	CORE	Repair network components (e.g., Local Area Network (LAN) cables, modules, etc.)
E4	NON-CORE	Repair peripherals
E5	CORE	Repair Radio Frequency (RF)/communications systems
E4	CORE	Troubleshoot system hardware

NETWORK MANAGEMENT

Paygrade	Task Type	Task Statements
E4	CORE	Apply Information Systems (IS) file and folder permissions
E6	CORE	Configure group policy objects
E5	CORE	Configure Information Systems (IS) application software
E6	CORE	Configure router Access Control Lists (ACL)
E5	CORE	Configure server Operating System (OS) software
E6	NON-CORE	Maintain domain backup policies
E4	CORE	Maintain domain system accounts
E4	NON-CORE	Maintain intranet websites
E4	CORE	Maintain network databases

NETWORK MANAGEMENT (CONT'D)

Paygrade	Task Type	Task Statements
E4	NON-CORE	Maintain Program of Record (POR) applications (e.g., eTagout, Non-Tactical Data Processing System (NOSIS), etc.)
E4	NON-CORE	Maintain Virtual Private Networks (VPN)
E6	CORE	Manage Information Systems (IS) file and folder permissions
E6	CORE	Manage network databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E4	CORE	Repair client software
E4	CORE	Repair computer Information Systems (IS)
E5	CORE	Repair databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E4	NON-CORE	Repair intranet websites
E5	CORE	Repair virtual network environments
E5	CORE	Troubleshoot virtual network environments
E5	CORE	Update virtual network environments
E4	CORE	Verify Information Systems Security (ISS) software programs operations

NETWORK OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Administer computer Information System (IS) user accounts
E4	CORE	Analyze Information System (IS) trends (e.g., hardware, software, network, etc.)
E5	CORE	Configure Information Systems (IS) network hardware
E4	CORE	Configure peripherals
E4	CORE	Configure print services
E4	CORE	Configure software-based analysis tools
E4	CORE	Configure storage devices
E4	CORE	Configure workstation network connectivity
E4	CORE	Configure workstation Operating System (OS) software
E4	CORE	Create workstation images
E4	CORE	Document server Operating System (OS) errors
E4	NON-CORE	Implement system vulnerability patches
E5	CORE	Install network components
E5	CORE	Install network software
E5	CORE	Install Operating Systems (OS)
E4	CORE	Install peripherals
E4	CORE	Install storage devices
E5	CORE	Install virtual network environments
E4	CORE	Load image software
E4	CORE	Recover computer Information Systems (IS)
E4	CORE	Remove storage devices
E4	CORE	Shut down computer Information Systems (IS)
E4	CORE	Start up computer Information Systems (IS)
E4	CORE	Transfer files (e.g., Trivial File Transfer Protocol (TFTP), Secure Shell Protocol (SSP), etc.)

NETWORK OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Troubleshoot client applications
E4	CORE	Troubleshoot computer Information Systems (IS)
E5	CORE	Troubleshoot databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E4	CORE	Troubleshoot file and folder access problems
E4	CORE	Troubleshoot network components
E4	CORE	Troubleshoot networks
E4	CORE	Troubleshoot Operating Systems (OS)
E4	CORE	Troubleshoot peripherals
E4	CORE	Troubleshoot Program of Record (POR) applications (e.g., eTagout, Non-Tactical Data Processing System (NOSIS), etc.)
E4	CORE	Troubleshoot storage devices
E4	CORE	Troubleshoot workstation network connectivity
E5	CORE	Verify delivered Information Systems (IS) functionality
E5	CORE	Verify delivered network components functionality
E5	CORE	Verify delivered system hardware functionality

Job Title			**Job Code**

Communications Manager

002791

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Management	TBD	COMMUNICATIONS MANAGER	COMMS MANAGER

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

Job Description

Communications Managers assess communication division training, audit communication division records, and manage communication division maintenance quality control; account for all transmitted and received message traffic; review Naval correspondence; coordinate communication division equipment modifications; develop communications system employment plans and shipboard instructions; prepare Emergency Action Plans (EAP) and Emergency Destruct Plans (EDP); plan, coordinate, and manage unit-level Information Systems (IS) security and integration across platforms, fleets, and services; perform Key Management Infrastructure (KMI) Operating Account Manager (KOAM) and Communications Security (COMSEC) Account Manager (CAM) duties and responsibilities; verify communication plans; validate preventive maintenance schedules; review completed maintenance data forms; supervise the repair of electronic systems and subsystems; use accounting procedures to maintain control of inventories and work flow; estimate time and support required for repair of equipment; provide technical and supervisory liaison between work centers; and implement and administer maintenance and repair programs.

DoD Relationship

O*NET Relationship

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

Skills	**Abilities**
Management of Material Resources	*Information Ordering*
Operation and Control	*Written Comprehension*
Quality Control Analysis	*Problem Sensitivity*
Reading Comprehension	*Deductive Reasoning*
Management of Personnel Resources	*Inductive Reasoning*
Systems Evaluation	*Written Expression*
Coordination	*Oral Expression*
Equipment Maintenance	*Flexibility of Closure*
Judgment and Decision Making	*Selective Attention*
Writing	*Category Flexibility*

ADMINISTRATION

Paygrade	**Task Type**	**Task Statements**
E7	CORE	Approve Information Systems (IS) Standard Operating Procedures (SOP)
E4	CORE	Conduct controlled evolution briefs
E6	CORE	Coordinate System Operation Verification Testing (SOVT)
E4	CORE	Draft Naval messages
E5	CORE	Generate Requests For Information (RFI)
E4	CORE	Inventory Top Secret (TS)/Sensitive Compartmented Information (SCI) materials
E6	NON-CORE	Maintain Information Systems Security (ISS) assessment and authorization documentation
E6	CORE	Maintain network documentation (e.g., Systems Authorization Access Request-Navy (SAAR-N), Privileged Access Agreement (PAA), etc.)
E5	CORE	Maintain Top Secret (TS)/Sensitive Compartmented Information (SCI) inventories
E6	CORE	Prepare disaster recovery contingency plans
E6	CORE	Update computer configuration documentation

COMMUNICATIONS SECURITY (COMSEC)

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Control access to Communications Security (COMSEC) usage areas

COMMUNICATIONS SECURITY (COMSEC) (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Destroy Communication Security (COMSEC) materials
E6	CORE	Develop Emergency Action Plans (EAP)
E6	CORE	Develop Emergency Destruction Plans (EDP)
E6	CORE	Develop local Communications Security (COMSEC) handling instructions
E4	CORE	Identify Communications Security (COMSEC) discrepancies
E6	CORE	Implement Communications Security (COMSEC) changes
E4	CORE	Inventory Communications Security (COMSEC) materials
E6	CORE	Issue Communication Security (COMSEC) materials
E4	CORE	Load Communications Security (COMSEC) equipment
E4	CORE	Load Communications Security (COMSEC) materials
E6	CORE	Manage Communications Security (COMSEC) training programs
E6	CORE	Manage Key Management Infrastructure (KMI) system accounts
E6	CORE	Monitor Communications Security (COMSEC) platform security
E6	CORE	Order Communications Security (COMSEC) products
E4	CORE	Receive Communications Security (COMSEC) materials
E4	CORE	Store Communications Security (COMSEC) material
E6	CORE	Supervise Key Management Infrastructure (KMI) system users
E6	CORE	Transfer custody of Communications Security (COMSEC) materials
E6	CORE	Update Key Management Infrastructure (KMI) trouble tickets
E4	CORE	Validate Communications Security (COMSEC) materials

COMMUNICATIONS SYSTEM OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze record message traffic data
E5	CORE	Develop communication employment plans
E5	CORE	Implement Emissions Control (EMCON)
E4	CORE	Perform Pre-Planned Responses (PPR)
E4	CORE	Provide tactical communication support
E5	CORE	Recover systems using Disaster Recovery Plan (DRP)
E4	NON-CORE	Report Electromagnetic Interference (EMI)
E4	CORE	Review equipment status for proper operation
E6	CORE	Supervise Pre-Planned Responses (PPR) executions
E4	CORE	Verify Emissions Control (EMCON) conditions are in effect

CYBER SECURITY

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Information Systems Security (ISS) requirements
E6	CORE	Evaluate Information Systems Security (ISS) incidents
E6	CORE	Evaluate Information Systems Security (ISS) violations
E6	CORE	Evaluate Information Systems Security (ISS) vulnerabilities

CYBER SECURITY (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Evaluate system vulnerabilities (e.g., network managers, various enclaves of Unclass, Top Secret, SCI, etc.)
E7	CORE	Implement Information Systems Security (ISS) directives (e.g., policies, plans, instructions, Standard Operating Procedures (SOP), etc.)
E4	CORE	Maintain Information Systems (IS) assets
E7	CORE	Manage Information Security (INFOSEC) system programs
E6	CORE	Manage network firewall policies
E7	CORE	Report Information Security (INFOSEC) compliance
E4	CORE	Report Information Systems Security (ISS) incidents
E4	CORE	Report Information Systems Security (ISS) violations
E4	CORE	Report Information Systems Security (ISS) vulnerabilities
E4	CORE	Update computer Information System (IS) anti-virus definitions
E5	NON-CORE	Update network security tools

EQUIPMENT MAINTENANCE

Paygrade	Task Type	Task Statements
E4	CORE	Analyze network audit logs
E6	CORE	Supervise mast and antenna maintenance

NETWORK MANAGEMENT

Paygrade	Task Type	Task Statements
E6	CORE	Configure group policy objects
E6	CORE	Configure router Access Control Lists (ACL)
E6	CORE	Coordinate catastrophic disaster recoveries
E7	CORE	Coordinate network migrations and installations
E6	NON-CORE	Maintain domain backup policies
E4	CORE	Maintain domain system accounts
E4	NON-CORE	Maintain Virtual Private Networks (VPN)
E6	CORE	Manage network databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E6	CORE	Plan network restorations
E5	CORE	Repair databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E4	CORE	Verify Information Systems Security (ISS) software programs operations

NETWORK OPERATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Administer computer Information System (IS) user accounts
E4	CORE	Analyze Information System (IS) trends (e.g., hardware, software, network, etc.)
E6	CORE	Document Key Management Infrastructure (KMI) trouble tickets
E5	CORE	Troubleshoot databases (e.g., SQL, Oracle, Microsoft (MS) Access, etc.)
E5	CORE	Verify delivered Information Systems (IS) functionality
E5	CORE	Verify delivered network components functionality
E5	CORE	Verify delivered system hardware functionality