

CHAPTER 43



INTERIOR COMMUNICATIONS ELECTRICIAN (IC)

NAVPERS 18068-43F
CH-77

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NAVY ENLISTED OCCUPATIONAL STANDARDS
FOR
INTERIOR COMMUNICATIONS ELECTRICIAN (IC)



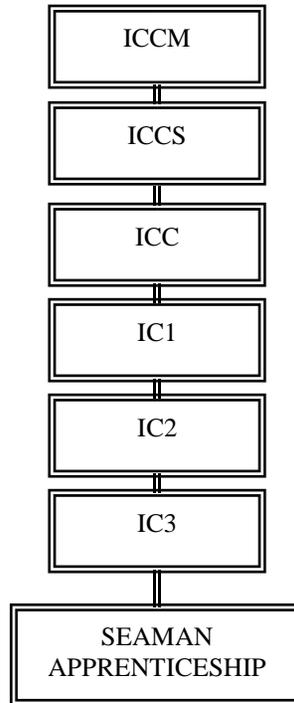
SCOPE OF RATING

Interior Communications Electricians (IC) configure and perform organizational and intermediate maintenance on alarm, safety, and warning systems, auxiliary and support systems, data conversion and distribution systems, indicating, metering, and ordering systems, Interior Communication (IC) systems, phone systems, video entertainment, video broadcast, video communication, and video monitoring systems, navigation systems, environmental systems, and visual landing aids; interpret and analyze ships blueprints and system interface diagrams; inspect, test, and make detailed casualty analyses; and direct maintenance and repair of electrical, electronic, fiber optic, electrohydraulic, electromechanical, and synchro/servo systems.

These Occupational Standards are 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 43.

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**Interior Communication Operator****Job Code****003733****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

INTERIOR COMMUNICATION OP

Short Title (14 Characters)

INT COMM OPER

Pay Plan

Enlisted

Career Field

IC

Other Relationships and Rules

NEC VXXX series and other NECs as assigned

Job Description

Interior Communication Operators broadcast video communications, video entertainment, and video monitoring feeds; perform, coordinate, and direct the installation, configuration, maintenance, and repair of Interior Communication (IC) equipment and systems; and perform Interior Communication (IC) watchstanding.

DoD Relationship**Group Title**

Interior Communications

DoD Code

162300

O*NET Relationship**Occupation Title**

Telecommunications Equipment
Installers and Repairers, Except
Line Installers

SOC Code

49-2022.00

Job Family

Installation, Maintenance, and Repair

Skills*Systems Analysis**Quality Control Analysis**Operation Monitoring**Equipment Selection**Troubleshooting**Operation and Control**Repairing**Instructing**Monitoring**Management of Material Resources***Abilities***Selective Attention**Written Comprehension**Deductive Reasoning**Fluency of Ideas**Inductive Reasoning**Originality**Oral Expression**Information Ordering**Written Expression**Problem Sensitivity***AUXILIARY AND SUPPORT SYSTEMS****Paygrade**

E4

Task Type

CORE

Task Statements

Replace auxiliary backup power systems and components

E4

CORE

Test auxiliary backup power systems and components

E4

CORE

Troubleshoot auxiliary backup power systems and components

E5

CORE

Verify auxiliary backup power system configurations

DATA CONVERSION AND DISTRIBUTION**Paygrade**

E4

Task Type

CORE

Task Statements

Configure computer and peripheral systems

E4

CORE

Configure data conversion and distribution systems

E5

NON-CORE

Maintain network security

E5

CORE

Maintain system password accounts

E6

CORE

Manage network software and firmware operations

E6

CORE

Manage system password accounts

E4

CORE

Repair computer and peripheral systems

E4

CORE

Test computer and peripheral systems

E4

CORE

Test data conversion and distribution systems

E4

CORE

Test network systems

E4

CORE

Troubleshoot computer and peripheral systems

E4

CORE

Troubleshoot data conversion and distribution systems

E5

CORE

Troubleshoot network systems

DATA CONVERSION AND DISTRIBUTION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Update network software and firmware
E5	CORE	Verify data conversion and distribution system configurations
E6	CORE	Verify network system configurations

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Approve equipment installations, testing, and alterations
E4	CORE	Collect equipment and system status data
E7	CORE	Coordinate equipment certifications and recertifications
E4	CORE	Document equipment status
E5	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E4	CORE	Inspect work areas, tools, and equipment
E4	CORE	Install Interior Communication (IC) equipment
E4	CORE	Inventory controlled equipment
E6	CORE	Manage equipment certifications and recertifications
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E5	CORE	Supervise equipment installations, testing, and alterations
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E6	CORE	Verify equipment installations, testing, and alterations

INTERIOR COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Approve public address system designs
E4	CORE	Configure public address systems
E4	CORE	Configure sound powered phone systems
E4	CORE	Repair sound powered phone systems
E4	CORE	Test sound powered phone systems
E4	CORE	Troubleshoot sound powered phone systems

MULTIMEDIA ENTERTAINMENT, COMMUNICATION, AND VIDEO MONITORING SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Approve multimedia content
E5	NON-CORE	Broadcast video communications
E4	CORE	Broadcast video entertainment
E4	CORE	Broadcast video monitoring feeds
E6	CORE	Configure centralized video distribution systems
E5	CORE	Configure video communication systems
E4	CORE	Configure video entertainment systems
E4	CORE	Configure video monitoring systems
E5	CORE	Manage Defense Media Activity (DMA) assets

MULTIMEDIA ENTERTAINMENT, COMMUNICATION, AND VIDEO MONITORING SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Produce multimedia content
E4	CORE	Repair centralized video distribution systems
E6	NON-CORE	Repair video communication systems
E5	CORE	Repair video entertainment systems
E5	CORE	Repair video monitoring systems
E7	CORE	Supervise video communication broadcasts
E7	CORE	Supervise video entertainment broadcasts
E4	CORE	Test centralized video distribution systems
E5	CORE	Test video communication systems
E4	CORE	Test video entertainment systems
E4	CORE	Test video monitoring systems
E4	CORE	Troubleshoot centralized video distribution systems
E6	NON-CORE	Troubleshoot video communication systems
E5	CORE	Troubleshoot video entertainment systems
E5	CORE	Troubleshoot video monitoring systems
E6	CORE	Verify multimedia content

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze schematics (e.g., ship's drawings, mechanical drawings, electronic schematics, piping and valve drawings, etc.)
E7	CORE	Assess Combat Information Center (CIC)/Combat Direction Center (CDC) systems operations and tactical impact
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Alternating Current (AC) circuits
E4	CORE	Configure combat systems equipment
E4	CORE	Configure Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E5	NON-CORE	Control Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) effects on electronic systems
E5	NON-CORE	Load image software
E4	CORE	Perform basic soldering on electrical and electronic equipment
E4	CORE	Perform corrosion prevention and control procedures on Interior Communication (IC) equipment and systems
E4	CORE	Provide technical support
E4	CORE	Repair Alternating Current (AC) circuits
E5	NON-CORE	Repair Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	CORE	Repair digital circuits
E4	CORE	Repair Direct Current (DC) circuits
E5	NON-CORE	Repair fiber optic cables and connectors
E4	CORE	Repair interconnecting cables and connectors
E4	CORE	Repair Radio Frequency (RF) circuits

TECHNICAL CORE FUNDAMENTALS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Replace Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non- POR) systems (e.g., video, audio, communication, etc.)
E5	CORE	Safeguard classified material
E4	CORE	Set Emission Control (EMCON) conditions
E4	CORE	Test Alternating Current (AC) circuits
E4	CORE	Test Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	CORE	Test digital circuits
E4	CORE	Test Direct Current (DC) circuits
E4	CORE	Test fiber optic cables and connectors
E4	CORE	Test interconnecting cables and connectors
E4	CORE	Test Radio Frequency (RF) circuits
E4	CORE	Test valves
E4	CORE	Troubleshoot Alternating Current (AC) circuits
E4	CORE	Troubleshoot Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	CORE	Troubleshoot digital circuits
E4	CORE	Troubleshoot Direct Current (DC) circuits
E4	CORE	Troubleshoot fiber optic cables and connectors
E4	CORE	Troubleshoot interconnecting cables and connectors
E4	CORE	Troubleshoot Radio Frequency (RF) circuits
E4	CORE	Troubleshoot valves

VISUAL LANDING AIDS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure visual landing aid systems
E5	NON-CORE	Repair visual landing aid systems
E6	NON-CORE	Supervise visual landing aid system corrective maintenance
E4	CORE	Test visual landing aid systems
E4	CORE	Troubleshoot visual landing aid systems

Job Title**Interior Communication Technician****Job Code****003734****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

INTERIOR COMMUNICATION TEC

Short Title (14 Characters)

INT COMM TECH

Pay Plan

Enlisted

Career Field

IC

Other Relationships and Rules

NEC VXXX series and other NECs as assigned

Job Description

Interior Communication Technicians perform, coordinate, and direct the installation, configuration, maintenance, and repair of electrical, electronic, fiber optic, electrohydraulic, electromechanical, and synchro/servo systems on ships and at shore facilities including alarm, safety, and warning systems, auxiliary and support systems, data conversion and distribution systems, indicating, metering, and ordering systems, Interior Communication (IC) systems, video entertainment, video communication, and video monitoring systems, navigation systems, environmental systems, and visual landing aids; and perform Interior Communication (IC) watchstanding.

DoD Relationship*Group Title*

Interior Communications

DoD Code

162300

O*NET Relationship*Occupation Title*Telecommunications Line
Installers and Repairers*SOC Code*

49-9052.00

Job Family

Installation, Maintenance, and Repair

Skills*Systems Analysis**Quality Control Analysis**Operation Monitoring**Equipment Selection**Troubleshooting**Operation and Control**Repairing**Reading Comprehension**Instructing**Monitoring***Abilities***Selective Attention**Written Comprehension**Deductive Reasoning**Fluency of Ideas**Originality**Inductive Reasoning**Information Ordering**Oral Expression**Written Expression**Control Precision***ALARM, SAFETY, AND WARNING SYSTEMS****Paygrade****Task Type****Task Statements**

E4

CORE

Configure alarm, safety, and warning systems

E5

NON-CORE

Configure Damage Control Consoles (DCC)

E4

CORE

Repair alarm, safety, and warning systems

E5

NON-CORE

Repair Damage Control Consoles (DCC)

E4

CORE

Test alarm, safety, and warning systems

E5

CORE

Test Damage Control Consoles (DCC)

E4

CORE

Troubleshoot alarm, safety, and warning systems

E5

NON-CORE

Troubleshoot Damage Control Consoles (DCC)

E5

CORE

Verify alarm, safety, and warning system configurations

E6

CORE

Verify Damage Control Consoles (DCC) configurations

AUXILIARY AND SUPPORT SYSTEMS**Paygrade****Task Type****Task Statements**

E4

CORE

Configure auxiliary backup power systems

E4

CORE

Configure cathodic protection systems

E5

CORE

Repair cathodic protection systems

E4

CORE

Replace auxiliary backup power systems and components

E4

CORE

Test auxiliary backup power systems and components

E4

CORE

Test cathodic protection systems

E4

CORE

Troubleshoot auxiliary backup power systems and components

AUXILIARY AND SUPPORT SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Troubleshoot cathodic protection systems
E5	CORE	Verify auxiliary backup power system configurations
E5	CORE	Verify cathodic protection system configurations

DATA CONVERSION AND DISTRIBUTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure computer and peripheral systems
E4	CORE	Configure data conversion and distribution systems
E5	NON-CORE	Configure network systems
E5	NON-CORE	Maintain network security
E5	CORE	Maintain system password accounts
E6	CORE	Manage network software and firmware operations
E6	CORE	Manage system password accounts
E4	CORE	Repair computer and peripheral systems
E5	NON-CORE	Repair data conversion and distribution systems
E5	CORE	Repair network systems
E4	CORE	Repair programmable logic controller systems
E4	CORE	Test computer and peripheral systems
E4	CORE	Test data conversion and distribution systems
E4	CORE	Test network systems
E4	CORE	Test programmable logic controller systems
E4	CORE	Troubleshoot computer and peripheral systems
E4	CORE	Troubleshoot data conversion and distribution systems
E5	CORE	Troubleshoot network systems
E4	CORE	Troubleshoot programmable logic controller systems
E5	CORE	Update network software and firmware
E5	CORE	Verify data conversion and distribution system configurations

EQUIPMENT ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Calibrate gauges (e.g., temperature and pressure)
E5	NON-CORE	Calibrate test equipment (e.g., power meter)
E4	CORE	Collect equipment and system status data
E4	CORE	Conduct Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP)
E4	CORE	Document equipment status
E5	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E4	CORE	Inspect work areas, tools, and equipment
E4	CORE	Install Interior Communication (IC) equipment
E4	CORE	Inventory controlled equipment
E6	CORE	Manage combat systems equipment configurations
E6	CORE	Manage equipment certifications and recertifications

EQUIPMENT ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Manage test equipment calibration programs
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E5	CORE	Supervise equipment installations, testing, and alterations
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E6	CORE	Verify equipment installations, testing, and alterations

INDICATING, METERING, AND ORDERING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Configure Ballast Control Console (BCC) systems
E4	CORE	Configure salinity indicating systems
E4	CORE	Configure Tank Level Indicators (TLI)
E4	NON-CORE	Repair Ballast Control Console (BCC) systems
E4	CORE	Repair salinity indicating systems
E4	CORE	Repair Tank Level Indicators (TLI)
E4	NON-CORE	Test Ballast Control Console (BCC) systems
E4	CORE	Test salinity indicating systems
E4	CORE	Test Tank Level Indicators (TLI)
E4	NON-CORE	Troubleshoot Ballast Control Console (BCC) systems
E4	CORE	Troubleshoot salinity indicating systems
E4	CORE	Troubleshoot Tank Level Indicators (TLI)

INTERIOR COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure amplified voice communication systems
E4	CORE	Configure Interior Communication (IC) switchboards
E4	CORE	Configure public address systems
E4	CORE	Configure ships announcing systems
E4	CORE	Configure ships service telephone peripherals (e.g., handsets, biscuit boxes, shore connections, etc.)
E4	CORE	Configure sound powered phone systems
E5	CORE	Design public address systems
E4	CORE	Repair amplified voice communication systems
E5	CORE	Repair Interior Communication (IC) switchboards
E4	CORE	Repair ships announcing systems
E4	CORE	Repair ships service telephone peripherals (e.g., handsets, biscuit boxes, shore connections, etc.)
E4	CORE	Repair sound powered phone systems
E4	CORE	Test amplified voice communication systems
E4	CORE	Test Interior Communication (IC) switchboards
E4	CORE	Test ships announcing systems

INTERIOR COMMUNICATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Test ships service telephone peripherals (e.g., handsets, biscuit boxes, shore connections, etc.)
E4	CORE	Test sound powered phone systems
E4	CORE	Troubleshoot amplified voice communication systems
E5	CORE	Troubleshoot Interior Communication (IC) switchboards
E4	CORE	Troubleshoot ships announcing systems
E4	CORE	Troubleshoot ships service telephone peripherals (e.g., handsets, biscuit boxes, shore connections, etc.)
E4	CORE	Troubleshoot sound powered phone systems

MULTIMEDIA ENTERTAINMENT, COMMUNICATION, AND VIDEO MONITORING SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Broadcast video communications
E4	CORE	Broadcast video entertainment
E6	CORE	Configure centralized video distribution systems
E5	CORE	Configure video communication systems
E4	CORE	Configure video entertainment systems
E4	CORE	Configure video monitoring systems
E6	CORE	Design centralized video distribution systems
E4	NON-CORE	Produce multimedia content
E4	CORE	Repair centralized video distribution systems
E6	NON-CORE	Repair video communication systems
E5	CORE	Repair video entertainment systems
E5	CORE	Repair video monitoring systems
E4	CORE	Test centralized video distribution systems
E5	CORE	Test video communication systems
E4	CORE	Test video entertainment systems
E4	CORE	Test video monitoring systems
E4	CORE	Troubleshoot centralized video distribution systems
E6	NON-CORE	Troubleshoot video communication systems
E5	CORE	Troubleshoot video entertainment systems
E5	CORE	Troubleshoot video monitoring systems

NAVIGATION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Configure navigation systems
E4	NON-CORE	Configure radar systems
E5	CORE	Configure ships control console systems
E4	CORE	Configure ships speed systems
E5	CORE	Configure steering control systems
E4	CORE	Configure wind speed and direction systems
E4	CORE	Extract data from navigation systems for diagnostics
E4	CORE	Manage aft steering input to rudder

NAVIGATION SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Repair navigation systems
E5	CORE	Repair ships control console systems
E5	CORE	Repair ships speed systems
E5	CORE	Repair steering control systems
E4	CORE	Repair wind speed and direction systems
E5	CORE	Supervise wind speed and direction system corrective maintenance
E4	CORE	Test navigation systems
E4	CORE	Test ships control console systems
E4	CORE	Test ships speed systems
E4	CORE	Test steering control systems
E4	CORE	Test wind speed and direction systems
E4	CORE	Troubleshoot navigation systems
E4	NON-CORE	Troubleshoot radar systems
E4	CORE	Troubleshoot ships control console systems
E5	CORE	Troubleshoot ships speed systems
E5	CORE	Troubleshoot steering control systems
E4	CORE	Troubleshoot wind speed and direction systems

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Analyze schematics (e.g., ship's drawings, mechanical drawings, electronic schematics, piping and valve drawings, etc.)
E7	CORE	Assess Combat Information Center (CIC)/Combat Direction Center (CDC) systems operations and tactical impact
E4	CORE	Conduct Combat Systems Alignments (CSA)
E5	CORE	Conduct watchstander briefs
E4	CORE	Configure Alternating Current (AC) circuits
E4	CORE	Configure combat systems equipment
E4	CORE	Configure Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	CORE	Configure electromechanical (synchro/servo) systems
E5	NON-CORE	Control Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) effects on electronic systems
E6	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E4	NON-CORE	Establish data links (dual-net multi-frequency data links and multi-frequency links)
E4	NON-CORE	Initiate link communications
E4	CORE	Perform basic soldering on electrical and electronic equipment
E4	CORE	Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)
E4	CORE	Perform corrosion prevention and control procedures on Interior Communication (IC) equipment and systems
E4	CORE	Provide technical support

TECHNICAL CORE FUNDAMENTALS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Repair Alternating Current (AC) circuits
E5	NON-CORE	Repair Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non- POR) systems (e.g., video, audio, communication, etc.)
E4	NON-CORE	Repair data link systems
E4	CORE	Repair digital circuits
E4	CORE	Repair Direct Current (DC) circuits
E4	CORE	Repair electromechanical (synchro/servo) systems
E5	NON-CORE	Repair fiber optic cables and connectors
E4	CORE	Repair interconnecting cables and connectors
E4	CORE	Repair power supplies
E4	CORE	Repair Radio Frequency (RF) circuits
E4	CORE	Replace Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non- POR) systems (e.g., video, audio, communication, etc.)
E4	NON-CORE	Replace valves
E5	CORE	Safeguard classified material
E4	CORE	Set Emission Control (EMCON) conditions
E4	CORE	Set Hazards of Electromagnetic Radiation to Ordnance (HERO)/Hazards of Electromagnetic Radiation to Personnel (HERP) conditions
E5	CORE	Supervise Combat Systems (CS) during casualty conditions
E4	CORE	Test Alternating Current (AC) circuits
E5	CORE	Test Alternating Current and Direct Current (AC/DC) motors
E4	CORE	Test Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	NON-CORE	Test data link systems
E4	CORE	Test digital circuits
E4	CORE	Test Direct Current (DC) circuits
E4	CORE	Test electromechanical (synchro/servo) systems
E4	CORE	Test fiber optic cables and connectors
E4	CORE	Test interconnecting cables and connectors
E4	CORE	Test power supplies
E4	CORE	Test Radio Frequency (RF) circuits
E4	CORE	Test valves
E5	CORE	Train technicians in casualty control procedures
E4	CORE	Troubleshoot Alternating Current (AC) circuits
E5	NON-CORE	Troubleshoot Alternating Current and Direct Current (AC/DC) motors
E4	CORE	Troubleshoot Commercial-Off-The-Shelf (COTS) and Non-Program of Record (Non-POR) systems (e.g., video, audio, communication, etc.)
E4	NON-CORE	Troubleshoot data links
E4	CORE	Troubleshoot digital circuits
E4	CORE	Troubleshoot Direct Current (DC) circuits
E4	CORE	Troubleshoot electromechanical (synchro/servo) systems
E4	CORE	Troubleshoot fiber optic cables and connectors

TECHNICAL CORE FUNDAMENTALS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Troubleshoot interconnecting cables and connectors
E4	CORE	Troubleshoot power supplies
E4	CORE	Troubleshoot Radio Frequency (RF) circuits
E4	CORE	Troubleshoot valves

VISUAL LANDING AIDS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align hydraulic systems
E4	NON-CORE	Configure Tactical Air Navigation (TACAN) systems
E4	CORE	Configure visual landing aid systems
E4	CORE	Repair hydraulic systems
E5	NON-CORE	Repair visual landing aid systems
E6	NON-CORE	Supervise visual landing aid system corrective maintenance
E4	CORE	Test hydraulic systems
E4	CORE	Test visual landing aid systems
E4	CORE	Troubleshoot hydraulic systems
E4	CORE	Troubleshoot visual landing aid systems

Job Title**Interior Communication Administrator****Job Code****003735****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

INTERIOR COMMUNICATION ADMIN

Short Title (14 Characters)

INT COMM ADMIN

Pay Plan

Enlisted

Career Field

IC

Other Relationships and Rules

NEC VXXX series and other NECs as assigned

Job Description

Interior Communication Administrators manage large projects and provide mentorship to develop junior personnel; prepare progress reports and maintenance schedules for Interior Communication (IC) systems for and during overhaul periods; plan, staff, direct, and control multiple projects; and mentor technicians and operators.

DoD Relationship**Group Title**

Interior Communications

DoD Code

162300

O*NET Relationship**Occupation Title**First-Line Supervisors of
Mechanics, Installers, and Repairers**SOC Code**

49-1011.00

Job Family

Installation, Maintenance, and Repair

Skills*Quality Control Analysis**Systems Analysis**Management of Material Resources**Instructing**Monitoring**Reading Comprehension**Writing**Systems Evaluation**Equipment Maintenance**Operation and Control***Abilities***Written Comprehension**Inductive Reasoning**Information Ordering**Written Expression**Oral Expression**Visualization**Control Precision**Fluency of Ideas**Mathematical Reasoning**Problem Sensitivity***ALARM, SAFETY, AND WARNING SYSTEMS****Paygrade**

E5

Task Type

CORE

Task Statements

Verify alarm, safety, and warning system configurations

E6

CORE

Verify Damage Control Consoles (DCC) configurations

AUXILIARY AND SUPPORT SYSTEMS**Paygrade**

E5

Task Type

CORE

Task Statements

Verify auxiliary backup power system configurations

E5

CORE

Verify cathodic protection system configurations

DATA CONVERSION AND DISTRIBUTION**Paygrade**

E6

Task Type

CORE

Task Statements

Inventory network software and firmware

E5

NON-CORE

Maintain network security

E5

CORE

Maintain system password accounts

E6

CORE

Manage network software and firmware operations

E6

CORE

Manage system password accounts

E5

CORE

Update network software and firmware

E5

CORE

Verify data conversion and distribution system configurations

E6

CORE

Verify network system configurations

EQUIPMENT ADMINISTRATION**Paygrade**

E7

Task Type

CORE

Task Statements

Approve equipment installations, testing, and alterations

E5

NON-CORE

Calibrate gauges (e.g., temperature and pressure)

EQUIPMENT ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Calibrate test equipment (e.g., power meter)
E4	CORE	Collect equipment and system status data
E7	CORE	Coordinate equipment certifications and recertifications
E4	CORE	Document equipment status
E5	CORE	Draft procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)
E5	CORE	Inventory Maintenance Assistance Modules (MAM)
E4	CORE	Maintain Interior Communication (IC) equipment calibration records
E5	CORE	Maintain preventive maintenance documents
E6	CORE	Manage combat systems equipment configurations
E7	CORE	Manage divisional equipment and system configurations
E7	CORE	Manage divisional maintenance operations
E6	CORE	Manage equipment certifications and recertifications
E6	CORE	Manage procedural document updates
E7	CORE	Manage safety programs and instructions (e.g., aloft, electrical equipment, etc.)
E5	CORE	Manage test equipment calibration programs
E5	CORE	Review technical briefs, notices, and bulletins
E6	CORE	Supervise divisional equipment and system configurations
E6	CORE	Supervise divisional maintenance operations
E5	CORE	Supervise electronic test equipment inventories
E5	CORE	Supervise equipment installations, testing, and alterations
E7	CORE	Supervise Maintenance Assistance Modules (MAM) usage
E5	CORE	Supervise work center equipment and system configurations
E5	CORE	Supervise work center maintenance operations
E6	CORE	Verify equipment installations, testing, and alterations
E6	CORE	Verify procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.)

INTERIOR COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Approve public address system designs
E5	CORE	Design public address systems
E6	CORE	Manage telecommunication plans
E5	CORE	Verify Interior Communication (IC) switchboard configurations
E5	CORE	Verify ships service telephone system configurations

MULTIMEDIA ENTERTAINMENT, COMMUNICATION, AND VIDEO MONITORING SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Approve centralized video distribution system designs
E7	CORE	Approve multimedia content
E6	CORE	Design centralized video distribution systems
E5	CORE	Manage Defense Media Activity (DMA) assets
E7	CORE	Supervise video communication broadcasts

MULTIMEDIA ENTERTAINMENT, COMMUNICATION, AND VIDEO MONITORING SYSTEMS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Supervise video entertainment broadcasts
E6	CORE	Verify multimedia content

NAVIGATION SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise navigation system corrective maintenance
E6	CORE	Supervise steering control system corrective maintenance
E5	CORE	Verify navigation system configurations
E5	CORE	Verify ships speed system configurations

TECHNICAL CORE FUNDAMENTALS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Assess Combat Information Center (CIC)/Combat Direction Center (CDC) systems operations and tactical impact
E5	CORE	Conduct watchstander briefs
E5	CORE	Coordinate personnel qualification and certification programs
E6	CORE	Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.)
E6	CORE	Draft Casualty Reports (CASREP)
E7	CORE	Manage equipment Casualty Reporting (CASREP) process
E5	CORE	Manage Interior Communication (IC) watchstander qualification process
E5	CORE	Safeguard classified material
E5	CORE	Train technicians in casualty control procedures
E5	CORE	Update Combat Systems Operational Sequencing System (CSOSS)
E6	CORE	Validate Combat Systems Operational Sequencing System (CSOSS)

VISUAL LANDING AIDS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Verify visual landing aid system configurations