

CHAPTER 34



FIRE CONTROLMAN (AEGIS) (FCA)

NAVPERS 18068F-34C
Change 96

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

FIRE CONTROLMAN (AEGIS) (FCA)



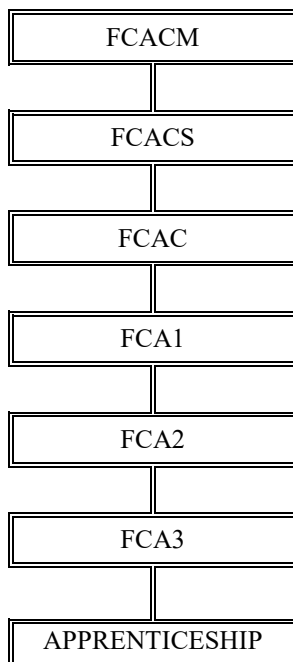
SCOPE OF RATING

Fire Controlmen (Aegis) (FCA) operate and maintain Aegis Weapon Systems (AWS) and subsystems to include 3D radar, fire control systems, and computer and networking systems; recommend and provide weapon direction system employment and tactics for Integrated Air and Missile Defense (IAMD) and Surface Warfare (SUW); inspect, test, align, and repair radio frequency circuits, digital circuits, computer systems and peripheral equipment, network systems, data conversion equipment, data display equipment, data link terminal equipment, and power conversion and auxiliary systems; perform detailed system analyses of computer programs, electronics, and electronic casualty control; operate built-in and external test equipment; load, initialize, and perform diagnostics and testing routines for digital computer equipment and digital and analog systems and subsystems; and support the operation and maintenance of surface-to-air, surface-to-surface, and Ballistic Missile Defense (BMD) weapon systems at the organizational and intermediate level.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 34.

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**Aegis Fire Control Operator Technician****Job Code****002770****Job Family**

Military Specific

NOC

TBD

Short Title (30 Characters)

AEGIS FIRE CONTROL OPER TECH

Short Title (14 Characters)

AEGIS FC OPTEC

Pay Plan

Enlisted

Career Field

FCA

Other Relationships and Rules

NEC VXXX series and other NECs as assigned

Job Description

Aegis Fire Control Operator Technicians initialize, configure, operate, maintain, troubleshoot, repair, and collect data for Aegis Weapon Systems (AWS) and subsystems to include auxiliary equipment, network systems, computers, computer peripherals, displays, radar systems, shipboard optics, weapons, and weapon delivery systems in both tactical and training environments; demonstrate comprehensive knowledge of warfare fundamentals and the fire control problem; maintain situational awareness of the tactical and training environments in which they are operating; provide weapon system employment; load and unload ordnance; and review and maintain system logs and records.

DoD Relationship**Group Title**

Missile Guidance and Control

DoD Code

112100

O*NET Relationship**Occupation Title**

Artillery and Missile Crew Members

SOC Code

55-3014.00

Job Family

Military Specific

Skills*Complex Problem Solving**Equipment Maintenance**Management of Material Resources**Reading Comprehension**Management of Personnel Resources**Operation and Control**Quality Control Analysis**Active Learning**Critical Thinking**Troubleshooting***Abilities***Written Comprehension**Problem Sensitivity**Inductive Reasoning**Oral Expression**Selective Attention**Information Ordering**Deductive Reasoning**Reaction Time**Time Sharing**Spatial Orientation***AUXILIARY AND SUPPORT SYSTEMS****Paygrade****Task Type****Task Statements**

E4

CORE

Configure auxiliary air and cooling water systems

E4

CORE

Configure power conversion and distribution systems

E4

CORE

Perform preventive maintenance on auxiliary air and cooling water systems

E4

CORE

Perform preventive maintenance on power conversion and distribution systems

E4

CORE

Repair auxiliary air and cooling water systems

E4

CORE

Repair power conversion and distribution systems

E4

CORE

Test auxiliary air and cooling water systems

E4

CORE

Test power conversion and distribution systems

E4

CORE

Troubleshoot auxiliary air and cooling water systems

E4

CORE

Troubleshoot power conversion and distribution systems

EQUIPMENT ADMINISTRATION**Paygrade****Task Type****Task Statements**

E5

CORE

Analyze blueprints and ship's drawings

E5

CORE

Analyze equipment and system status data

E4

CORE

Analyze technical manuals

E4

CORE

Assist with Aegis Weapon System (AWS) software and firmware installations and updates

E4

CORE

Assist with Combat Systems Alignments (CSA)

E4

NON-CORE

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

EQUIPMENT ADMINISTRATION (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|------------------------|-------------------------|--|
| E4 | CORE | Collect equipment and system status data |
| 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 | Inventory controlled equipment |
| E4 | CORE | Inventory General Purpose Electronic Test Equipment (GPETE) |
| E4 | CORE | Inventory Maintenance Assistance Modules (MAM) |
| E4 | CORE | Inventory Special Purpose Electronic Test Equipment (SPETE) |
| E4 | CORE | Maintain system status logs |
| E5 | CORE | Manage controlled equipment |
| E5 | CORE | Manage Maintenance Assistance Modules (MAM) usage |
| E4 | CORE | Perform Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP) |
| E4 | CORE | Report Aegis Weapon System (AWS) equipment statuses |
| E5 | CORE | Supervise Aegis Weapon System (AWS) software and firmware installations and updates |
| E5 | CORE | Supervise equipment installations, testing, and alterations |
| E5 | CORE | Supervise work center equipment and system configurations |
| E5 | CORE | Supervise work center maintenance operations |

FIRE CONTROL SYSTEMS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|------------------------|-------------------------|---|
| E4 | CORE | Align radar systems |
| E4 | CORE | Configure computer and peripheral systems |
| E4 | CORE | Configure display systems |
| E4 | CORE | Configure internal communications networks |
| E4 | CORE | Configure missile delivery systems |
| E4 | CORE | Configure radar systems |
| E5 | CORE | Manage Aegis Weapon System (AWS) tactical data recordings |
| E4 | CORE | Perform preventive maintenance on computer and peripheral systems |
| E4 | CORE | Perform preventive maintenance on display systems |
| E4 | CORE | Perform preventive maintenance on electromechanical (synchro/servo) systems |
| E4 | CORE | Perform preventive maintenance on internal communications networks |
| E4 | CORE | Perform preventive maintenance on radar systems |
| E4 | CORE | Record Aegis Weapon System (AWS) tactical data (e.g., digital media) |
| E4 | CORE | Repair computer and peripheral systems |
| E4 | CORE | Repair display systems |
| E4 | CORE | Repair internal communications networks |
| E4 | CORE | Repair radar systems |
| E4 | CORE | Replace electromechanical (synchro/servo) systems |
| E5 | CORE | Supervise preventive maintenance on computer and peripheral systems |
| E5 | CORE | Supervise preventive maintenance on display systems |

FIRE CONTROL SYSTEMS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E5 | CORE | Supervise preventive maintenance on electromechanical (synchro/servo) systems |
| E5 | CORE | Supervise preventive maintenance on internal communications networks |
| E5 | CORE | Supervise preventive maintenance on radar systems |
| E4 | CORE | Test computer and peripheral systems |
| E4 | CORE | Test display systems |
| E4 | CORE | Test electromechanical (synchro/servo) systems |
| E4 | CORE | Test internal communications networks |
| E4 | CORE | Test missile launch capabilities |
| E4 | CORE | Test radar systems |
| E4 | CORE | Troubleshoot computer and peripheral systems |
| E4 | CORE | Troubleshoot display systems |
| E4 | CORE | Troubleshoot electromechanical (synchro/servo) systems |
| E4 | CORE | Troubleshoot internal communications networks |
| E4 | CORE | Troubleshoot missile launch capabilities |
| E4 | CORE | Troubleshoot radar systems |

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E4 | CORE | Engage air targets with anti-air weapons |
| E4 | CORE | Engage space or ballistic targets |
| E4 | CORE | Evaluate air contact information |
| E4 | CORE | Evaluate space or ballistic contact information |
| E4 | CORE | Input space or ballistic contact search parameters |
| E4 | CORE | Recommend Air Defense (AD) search and engagement plans |
| E4 | CORE | Report air contact information updates |
| E4 | CORE | Report air contacts |
| E4 | CORE | Report air engagement Battle Damage Assessments (BDA) |
| E4 | CORE | Report space or ballistic contact information updates |
| E4 | CORE | Report space or ballistic contacts |
| E4 | CORE | Track air contacts |
| E4 | CORE | Track space or ballistic contacts |

NETWORK MANAGEMENT AND SECURITY

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Assess networks for vulnerabilities |
| E4 | CORE | Configure network systems |
| E6 | CORE | Maintain Aegis Weapon System (AWS) password accounts |
| E4 | CORE | Maintain network security |
| E4 | NON-CORE | Perform preventive maintenance on Line of Sight (LOS) tactical networks |
| E4 | CORE | Perform preventive maintenance on network systems |
| E4 | NON-CORE | Repair data links |
| E4 | NON-CORE | Repair Line of Sight (LOS) tactical networks |

NETWORK MANAGEMENT AND SECURITY (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Repair network systems |
| E5 | CORE | Supervise network security |
| E5 | CORE | Supervise preventive maintenance on network systems |
| E4 | NON-CORE | Test data links |
| E4 | CORE | Test network systems |
| E4 | NON-CORE | Troubleshoot data links |
| E4 | NON-CORE | Troubleshoot Line of Sight (LOS) tactical networks |
| E4 | CORE | Troubleshoot network systems |

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Assist with missile delivery systems uploading and downloading |
| E4 | CORE | Perform Packaging, Handling, Storage, and Transportation (PHS&T) operations |
| E4 | CORE | Perform weapons casualty procedures |
| E6 | CORE | Supervise Packaging, Handling, Storage, and Transportation (PHS&T) operations |
| E5 | CORE | Supervise weapons casualty evolutions |

SURFACE WARFARE (SUW)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Analyze surface contacts |
| E6 | CORE | Assign symbology to surface contacts |
| E6 | CORE | Classify surface contacts |
| E4 | CORE | Engage surface targets with anti-surface weapons |
| E4 | CORE | Evaluate surface contact information |
| E4 | CORE | Report surface contact information updates |
| E4 | CORE | Report surface contacts |
| E4 | CORE | Report surface engagement Battle Damage Assessments (BDA) |
| E4 | CORE | Track surface contacts |

TECHNICAL CORE FUNDAMENTALS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Align Radio Frequency (RF) circuits |
| E4 | CORE | Analyze schematics (e.g., mechanical drawings, electronic schematics, piping and valve drawings, etc.) |
| E4 | CORE | Configure Aegis Weapon System (AWS) equipment |
| E4 | CORE | Configure alarm, safety, and warning systems |
| E4 | CORE | Configure General Purpose Electronic Test Equipment (GPETE) |
| E4 | CORE | Configure Radio Frequency (RF) circuits |
| E4 | CORE | Configure Special Purpose Electronic Test Equipment (SPETE) |
| E4 | CORE | Control Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) effects on electronic systems |
| E4 | CORE | Install equipment and alterations |
| E5 | CORE | Manage Combat Systems Operational Sequencing System (CSOSS) operations |

TECHNICAL CORE FUNDAMENTALS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E4 | NON-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 Aegis Weapon Systems (AWS) |
| E4 | CORE | Perform equipment validations |
| E4 | CORE | Perform preventive maintenance on fiber optic cables and connectors |
| E4 | CORE | Perform preventive maintenance on valves |
| E5 | CORE | Process equipment validations |
| E4 | CORE | Repair alarm, safety, and warning systems |
| E4 | CORE | Repair Alternating Current (AC) circuits |
| E4 | CORE | Repair Alternating Current and Direct Current (AC/DC) motors |
| E4 | CORE | Repair Direct Current (DC) circuits |
| E4 | NON-CORE | Repair fiber optic cables and connectors |
| E4 | CORE | Repair interconnecting cables and connectors |
| E4 | CORE | Repair power supplies |
| E4 | CORE | Repair valves |
| E4 | CORE | Replace digital circuits |
| E4 | CORE | Replace fiber optic cables and connectors |
| E4 | CORE | Replace Radio Frequency (RF) circuits |
| E5 | CORE | Supervise preventive maintenance on fiber optic cables and connectors |
| E5 | CORE | Supervise preventive maintenance on valves |
| E4 | CORE | Test alarm, safety, and warning systems |
| E4 | CORE | Test Alternating Current (AC) circuits |
| E4 | CORE | Test Alternating Current and Direct Current (AC/DC) motors |
| 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 power supplies |
| E4 | CORE | Test Radio Frequency (RF) circuits |
| E4 | CORE | Test valves |
| E4 | CORE | Troubleshoot alarm, safety, and warning systems |
| E4 | CORE | Troubleshoot Alternating Current (AC) circuits |
| E4 | CORE | Troubleshoot Alternating Current and Direct Current (AC/DC) motors |
| 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 power supplies |

TECHNICAL CORE FUNDAMENTALS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E4 | CORE | Troubleshoot Radio Frequency (RF) circuits |
| E4 | CORE | Troubleshoot valves |
| E6 | CORE | Update Combat Systems Operational Sequencing System (CSOSS) |

TRAINING AND CERTIFICATION

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E5 | CORE | Conduct training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.) |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) for training and testing evolutions |
| E5 | CORE | Develop training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.) |
| E5 | CORE | Evaluate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.) |
| E4 | CORE | Perform combat systems training and testing evolutions |
| E5 | CORE | Supervise combat systems training and testing evolutions |
| E5 | CORE | Supervise personnel qualification and certification programs |

WATCH TEAM OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E6 | CORE | Analyze threat weapons data |
| E4 | CORE | Assess threat weapons data |
| E5 | CORE | Brief tactical, operational, and situational status reports |
| E4 | NON-CORE | Calculate environmental range predictions |
| E4 | CORE | Conduct watchstander briefs |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) during casualty conditions |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF) |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) for Emission Control (EMCON) conditions |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) for special evolutions |
| E4 | CORE | Configure Aegis Weapon Systems (AWS) to Commanding Officer's (CO) battle orders |
| E4 | CORE | Interpret Naval messages |
| E4 | CORE | Perform tactical Pre-Planned Responses (PPR) to Commanding Officer's (CO) battle orders |
| E4 | CORE | Recommend course corrections in support of tactical operations |
| E4 | CORE | Report assignment and engagement status of own ship's Aegis Weapon Systems (AWS) |
| E4 | CORE | Report assignment and engagement status of own ship's weapons systems |
| E4 | CORE | Research tactical information |
| E5 | CORE | Supervise combat systems during casualty conditions |
| E5 | CORE | Supervise combat systems during special evolutions |
| E5 | CORE | Supervise combat systems operations in port |
| E5 | CORE | Supervise combat systems operations underway |
| E5 | CORE | Supervise combat systems watch teams |

WATCH TEAM OPERATIONS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|------------------------|-------------------------|--|
| E5 | CORE | Supervise configuration of combat systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF) |
| E5 | CORE | Supervise configuration of combat systems for Emission Control (EMCON) conditions |
| E5 | CORE | Supervise transition of combat systems between conditions of readiness |
| E4 | CORE | Transition Aegis Weapon Systems (AWS) between conditions of readiness |
| E4 | CORE | Update plotting and status boards |

Job Title**Aegis Fire Control Supervisor****Job Code****002772****Job Family**

Military Specific

NOC

TBD

Short Title (30 Characters)

AEGIS FIRE CONTROL SUPERVISOR

Short Title (14 Characters)

AEGIS FC SUP

Pay Plan

Enlisted

Career Field

FCA

Other Relationships and Rules

NEC VXXX series and other NECs as assigned

Job Description

Aegis Fire Control Supervisors manage and coordinate the operation and maintenance of Aegis Weapon Systems (AWS) in both tactical and training environments; collect administrative data from various shipboard systems to maintain combat readiness; plan and evaluate weapon system exercises and engagements; manage personnel and training operations; manage and maintain unclassified and classified technical, procedural, and tactical documents to support equipment readiness and tactical proficiency; develop and conduct briefs/debriefs for combat system evolutions; and serve as Integrated Air and Missile Defense (IAMD) tactical advisors.

DoD RelationshipGroup Title

Missile Guidance and Control

DoD Code

112100

O*NET RelationshipOccupation Title

Artillery and Missile Officers

SOC Code

55-1014.00

Job Family

Military Specific

Skills*Management of Personnel Resources**Management of Material Resources**Coordination**Critical Thinking**Judgment and Decision Making**Quality Control Analysis**Reading Comprehension**Operation and Control**Speaking**Complex Problem Solving***Abilities***Written Comprehension**Oral Expression**Inductive Reasoning**Problem Sensitivity**Time Sharing**Information Ordering**Deductive Reasoning**Written Expression**Perceptual Speed**Reaction Time***AUXILIARY AND SUPPORT SYSTEMS****Paygrade****Task Type****Task Statements**

E7

CORE

Coordinate auxiliary air and cooling water system configurations

E7

CORE

Coordinate preventive maintenance on power conversion and distribution systems

E5

CORE

Supervise auxiliary air and cooling water systems

E5

CORE

Supervise power conversion and distribution system configurations

EQUIPMENT ADMINISTRATION**Paygrade****Task Type****Task Statements**

E5

CORE

Analyze blueprints and ship's drawings

E7

CORE

Approve equipment installations, testing, and alterations

E7

CORE

Audit Maintenance Assistance Modules (MAM) inventories

E7

CORE

Audit system status logs

E7

CORE

Coordinate Combat Systems Alignment (CSA) evolutions

E7

CORE

Coordinate combat systems software and firmware installations and updates

E7

CORE

Coordinate controlled equipment inventories

E7

CORE

Coordinate divisional equipment and system configurations

E7

CORE

Coordinate divisional maintenance operations

E7

CORE

Coordinate equipment certifications and recertifications

E7

CORE

Coordinate equipment installations, testing, and alterations

E7

CORE

Document Aegis Weapon System (AWS) software and firmware installations and updates

EQUIPMENT ADMINISTRATION (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|------------------------|-------------------------|---|
| E5 | CORE | Document equipment and system status data |
| E7 | CORE | Draft Casualty Reports (CASREP) |
| E7 | CORE | Inventory Aegis Weapon System (AWS) software and firmware |
| E7 | CORE | Maintain technical publication libraries |
| E6 | CORE | Manage Aegis Weapon System (AWS) software and firmware installations and updates |
| E6 | CORE | Manage Combat Systems Alignment (CSA) evolutions |
| E5 | CORE | Manage controlled equipment |
| E6 | CORE | Manage divisional equipment and system configurations |
| E6 | CORE | Manage divisional maintenance operations |
| E6 | CORE | Manage Emergency Action Plans (EAP) and Emergency Destruction Plans (EDP) |
| E7 | CORE | Manage equipment Casualty Reporting (CASREP) process |
| E6 | CORE | Manage equipment certifications and recertifications |
| E5 | CORE | Manage Maintenance Assistance Modules (MAM) usage |
| E7 | CORE | Manage procedural documents (e.g., Standard Operating Procedures (SOP), Temporary Standing Orders (TSO), Departure From Specifications (DFS), etc.) |
| E5 | CORE | Supervise Aegis Weapon System (AWS) software and firmware installations and updates |
| E5 | CORE | Supervise equipment installations, testing, and alterations |
| E5 | CORE | Supervise work center equipment and system configurations |
| E5 | CORE | Supervise work center maintenance operations |
| E6 | CORE | Verify equipment and system status data |
| 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.) |

FIRE CONTROL SYSTEMS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|------------------------|-------------------------|--|
| E7 | CORE | Coordinate preventive maintenance on computer and peripheral systems |
| E7 | CORE | Coordinate preventive maintenance on display systems |
| E7 | CORE | Coordinate preventive maintenance on electromechanical (synchro/servo) systems |
| E7 | CORE | Coordinate preventive maintenance on internal communications networks |
| E7 | CORE | Coordinate preventive maintenance on radar systems |
| E5 | CORE | Manage Aegis Weapon System (AWS) tactical data recordings |
| E5 | CORE | Supervise preventive maintenance on computer and peripheral systems |
| E5 | CORE | Supervise preventive maintenance on display systems |
| E5 | CORE | Supervise preventive maintenance on electromechanical (synchro/servo) systems |
| E5 | CORE | Supervise preventive maintenance on internal communications networks |
| E5 | CORE | Supervise preventive maintenance on radar systems |
| E6 | CORE | Verify Aegis Weapon System (AWS) tactical data recordings |

INTEGRATED AIR AND MISSILE DEFENSE (IAMD)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E6 | CORE | Analyze Air Defense (AD) intelligence data |
| E6 | CORE | Analyze operational orders and pre-assigned fire mission messages |
| E7 | CORE | Assign air contact classifications |
| E7 | CORE | Assign air contact priorities |
| E7 | CORE | Assign symbology to air contacts |
| E7 | CORE | Conduct air engagement Battle Damage Assessments (BDA) |
| E6 | CORE | Conduct space or ballistic engagement Battle Damage Assessments (BDA) |
| E7 | CORE | Coordinate engagement of air targets with anti-air weapons |
| E7 | CORE | Develop Air Warfare (AW) Pre-Planned Responses (PPR) |
| E7 | CORE | Manage battle group Air Defense (AD) operations |
| E6 | CORE | Manage engagement of air targets with anti-air weapons |
| E6 | CORE | Manage engagement of space or ballistic targets |
| E6 | CORE | Manage shipboard Air Defense (AD) operations |
| E6 | CORE | Recommend air contact classifications |
| E6 | CORE | Recommend air contact priorities |
| E6 | CORE | Recommend Air Defense (AD) engagement tactics |
| E6 | CORE | Update air contact information |

NETWORK MANAGEMENT AND SECURITY

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E7 | CORE | Audit Aegis Weapon System (AWS) password accounts |
| E6 | CORE | Configure Line of Sight (LOS) tactical networks |
| E7 | CORE | Coordinate preventive maintenance on network systems |
| E6 | CORE | Manage network security |
| E5 | CORE | Supervise network security |
| E5 | CORE | Supervise preventive maintenance on network systems |
| E6 | CORE | Test Line of Sight (LOS) tactical networks |

ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E7 | CORE | Coordinate Ordnance Handling Equipment (OHE) testing |
| E7 | CORE | Coordinate Packaging, Handling, Storage, and Transportation (PHS&T) operations |
| E6 | CORE | Coordinate weapons casualty evolutions |
| E6 | CORE | Supervise Packaging, Handling, Storage, and Transportation (PHS&T) operations |
| E5 | CORE | Supervise weapons casualty evolutions |

SURFACE WARFARE (SUW)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E6 | CORE | Analyze Surface Warfare (SUW) intelligence data |
| E6 | CORE | Classify surface contacts |
| E7 | CORE | Develop Surface Warfare (SUW) Pre-Planned Responses (PPR) |
| E6 | CORE | Manage engagement of surface targets with anti-surface weapons |
| E6 | NON-CORE | Manage shipboard Surface Warfare (SUW) operations |

SURFACE WARFARE (SUW) (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E6 | NON-CORE | Recommend surface contact classifications |
| E6 | CORE | Recommend surface contact priorities |
| E6 | CORE | Recommend Surface Warfare (SUW) engagement tactics |
| E6 | CORE | Recommend Surface Warfare (SUW) search and engagement plans |

TECHNICAL CORE FUNDAMENTALS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E7 | CORE | Coordinate preventive maintenance on fiber optic cables and connectors |
| E7 | CORE | Coordinate preventive maintenance on valves |
| E5 | CORE | Manage Combat Systems Operational Sequencing System (CSOSS) operations |
| E5 | CORE | Process equipment validations |
| E5 | CORE | Supervise preventive maintenance on fiber optic cables and connectors |
| E5 | CORE | Supervise preventive maintenance on valves |
| E6 | CORE | Update Combat Systems Operational Sequencing System (CSOSS) |
| E7 | CORE | Validate Combat Systems Operational Sequencing System (CSOSS) |
| E7 | CORE | Verify equipment validations |

TRAINING AND CERTIFICATION

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E7 | CORE | Coordinate combat systems training and testing evolutions |
| E7 | CORE | Coordinate personnel qualification and certification programs |
| E7 | CORE | Coordinate training evolutions (e.g., Combat Systems Training Teams (CSTT), etc.) |
| E6 | CORE | Manage combat systems training and testing evolutions |
| E6 | CORE | Manage personnel qualification and certification programs |
| E5 | CORE | Supervise combat systems training and testing evolutions |
| E5 | CORE | Supervise personnel qualification and certification programs |

WATCH TEAM OPERATIONS

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|---|
| E6 | CORE | Activate Aegis Weapon System (AWS) doctrine statements |
| E6 | CORE | Analyze tactical operations data (e.g., Threat-Centric Planning, Engageability Slide Rule, etc.) |
| E6 | CORE | Analyze threat weapons data |
| E6 | CORE | Configure combat systems to Commanding Officer's (CO) battle orders |
| E6 | CORE | Coordinate combat systems during casualty conditions |
| E6 | CORE | Coordinate combat systems during special evolutions |
| E7 | CORE | Coordinate combat systems operations in port |
| E7 | CORE | Coordinate combat systems operations underway |
| E7 | CORE | Coordinate combat systems watch teams |
| E7 | CORE | Coordinate configuration of combat systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF) |

WATCH TEAM OPERATIONS (CONT'D)

| <u>Paygrade</u> | <u>Task Type</u> | <u>Task Statements</u> |
|-----------------|------------------|--|
| E6 | CORE | Coordinate configuration of combat systems for Emission Control (EMCON) conditions |
| E7 | CORE | Coordinate transition of combat systems between conditions of readiness |
| E6 | CORE | Develop Aegis Weapon System (AWS) doctrine statements |
| E7 | CORE | Direct execution of warfare commander's intentions |
| E6 | CORE | Input Aegis Weapon System (AWS) doctrine statements |
| E6 | CORE | Manage combat systems during casualty conditions |
| E6 | CORE | Manage combat systems operations in port |
| E6 | CORE | Manage combat systems operations underway |
| E6 | CORE | Manage combat systems watch teams |
| E6 | CORE | Manage configuration of combat systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF) |
| E6 | CORE | Manage transition of combat systems between conditions of readiness |
| E6 | CORE | Perform external communications (ship-to-ship, ship-to-shore, and ship-to-air) |
| E4 | CORE | Report assignment and engagement status of own ship's weapons systems |
| E5 | CORE | Supervise combat systems during casualty conditions |
| E5 | CORE | Supervise combat systems during special evolutions |
| E5 | CORE | Supervise combat systems operations in port |
| E5 | CORE | Supervise combat systems operations underway |
| E5 | CORE | Supervise combat systems watch teams |
| E5 | CORE | Supervise configuration of combat systems for conditions of Hazards of Electromagnetic Radiation to Ordnance (HERO), Hazards of Electromagnetic Radiation to Personnel (HERP), and Hazards of Electromagnetic Radiation to Fuel (HERF) |
| E5 | CORE | Supervise configuration of combat systems for Emission Control (EMCON) conditions |
| E5 | CORE | Supervise transition of combat systems between conditions of readiness |
| E7 | CORE | Validate Aegis Weapon System (AWS) doctrine statements |
| E5 | CORE | Verify Aegis Weapon System (AWS) configurations to Commanding Officer's (CO) battle orders |
| E6 | CORE | Verify assignment and engagement status of Aegis Weapon Systems (AWS) |
| E6 | CORE | Verify combat systems configurations to Commanding Officer's (CO) battle orders |