

CHAPTER 55



MISSILE TECHNICIAN (MT)

NAVPERS 18068F-55G
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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

MISSILE TECHNICIAN (MT)



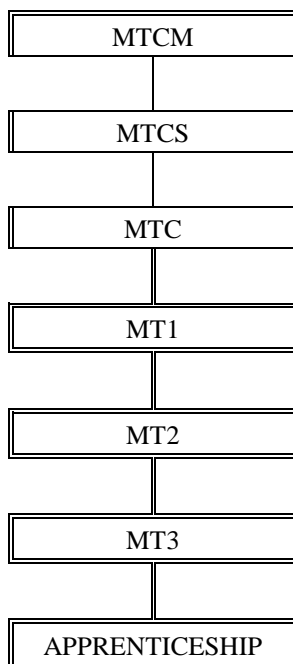
SCOPE OF RATING

Missile Technicians (MT) perform organizational and intermediate level maintenance on the Strategic Weapons System (SWS) on Ballistic Missile Submarines (SSBN) or the Attack Weapons System (AWS) on Guided Missile Submarines (SSGN); operate and maintain the TRIDENT missile, the AWS, Fire Control Systems (FCS), missile systems, launcher systems, and associated support and test equipment; perform operational readiness tests of systems adhering to safety precautions applicable to missile explosive devices, missile hydraulics and missile testing; and participate in missile handling evolutions.

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 55.

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**Strategic Weapons Manager****Job Code****001552****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

STRATEGIC WEAPONS MANAGER

Short Title (14 Characters)

STRAT WEP MGR

Pay Plan

Enlisted

Career Field

MT

Other Relationships and Rules

NEC TXXX and 7XXX series and other NECs as assigned

Job Description

Strategic Weapons Managers supervise divisional operations, maintenance, training, and administrative aspects associated with the assembly, maintenance, and repair of nuclear-capable ballistic missiles and their associated missile and launcher systems, advanced electronics and electro-mechanical navigation and targeting systems carried on submarines; and perform critical work functions supporting the training of assigned personnel, repair and maintenance of equipment, and employment of Strategic Weapons Systems (SWS).

DoD Relationship*Group Title*

Missile Guidance and Control

DoD Code

112100

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*Monitoring**Coordination**Quality Control Analysis**Systems Evaluation**Management of Personnel Resources**Critical Thinking**Installation**Judgment and Decision Making**Management of Material Resources**Reading Comprehension***Abilities***Problem Sensitivity**Information Ordering**Selective Attention**Written Comprehension**Inductive Reasoning**Auditory Attention**Speech Recognition**Written Expression**Oral Expression**Deductive Reasoning***COUNTDOWN OPERATIONS****Paygrade****Task Type****Task Statements**

E5

CORE

Administer Strategic Weapons System (SWS) training countdown scenarios

E6

CORE

Create Strategic Weapons System (SWS) training countdown scenarios

E6

CORE

Direct weapons Strategic Weapons System (SWS) training countdown evolutions

E7

CORE

Evaluate Strategic Weapons System (SWS) training countdowns

E7

CORE

Manage Strategic Weapons System (SWS) training countdown evolutions

E7

CORE

Manage Strategic Weapons System (SWS) training countdown operations

E6

CORE

Perform Control and Monitoring Panel (CAMP) countdown operations

E7

CORE

Perform Strategic Weapons System (SWS) Announcer watchstation countdown operations

DATA OPERATIONS**Paygrade****Task Type****Task Statements**

E5

CORE

Direct targeting evolutions

E7

CORE

Manage Fire Control System (FCS) data management evolutions

E7

CORE

Manage targeting evolutions

E7

CORE

Manage targeting operations

E7

CORE

Manage weapons system media evolutions

E7

CORE

Manage weapons system media operations

E6

CORE

Supervise Fire Control System (FCS) data management operations

DATA OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Supervise targeting operations
E6	CORE	Supervise weapons system media evolutions
E6	CORE	Supervise Strategic Weapons System (SWS) manual troubleshooting operations
E6	CORE	Supervise targeting evolutions

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Direct Strategic Weapons System (SWS) manual troubleshooting evolutions
E7	CORE	Evaluate Strategic Weapons System (SWS) maintenance personnel performance
E7	CORE	Manage Strategic Weapons System (SWS) manual troubleshooting evolutions
E7	CORE	Manage Strategic Weapons System (SWS) manual troubleshooting operations
E7	CORE	Manage Strategic Weapons Systems (SWS) maintenance operations
E7	CORE	Manage Strategic Weapons Systems (SWS) operations
E6	CORE	Sequence Strategic Weapons System (SWS) operations and maintenance evolutions
E6	CORE	Supervise missile tube entry evolutions
E6	CORE	Supervise Strategic Weapons Systems (SWS) maintenance operations
E6	CORE	Supervise Strategic Weapons Systems (SWS) operations

NUCLEAR WEAPONS SAFETY AND SECURITY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Analyze nuclear weapons accident and incident drill data
E7	CORE	Direct nuclear weapons accidents or incidents drills
E7	CORE	Manage nuclear weapons security programs
E7	CORE	Manage submarine weapons casualty recovery evolutions
E7	CORE	Manage submarine weapons casualty recovery operations
E4	CORE	Perform two-person control during Strategic Weapons System (SWS) operations
E4	CORE	Perform two-person rule during Strategic Weapons System (SWS) operations
E7	CORE	Supervise nuclear weapons accidents or incidents control and recovery operations
E6	CORE	Train nuclear weapons security teams
E6	CORE	Verify nuclear weapons security practices

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	NON-CORE	Approve Maintenance and Material Management (3-M) Program plans
E7	CORE	Approve Preventive Maintenance Management Program (PMMP) plans
E7	CORE	Approve weapons system availability plans
E7	CORE	Approve weapons system log entries
E7	CORE	Approve weapons system pre-deployment training schedules
E6	CORE	Audit missile service logs
E6	CORE	Audit Preventive Maintenance Management Programs (PMMP)
E6	CORE	Audit Special Weapons Ordnance Pamphlet (SWOP) program

TECHNICAL ADMINISTRATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Create simulator training scenarios
E5	CORE	Develop in-port Strategic Weapons System (SWS) maintenance schedules
E7	CORE	Develop weapons system manual troubleshooting plans
E5	CORE	Direct Preventive Maintenance Management Program (PMMP) activities
E7	CORE	Establish nuclear weapons security practice and performance standards
E7	CORE	Evaluate ship-wide conditions effects on Strategic Weapons System (SWS) readiness
E7	CORE	Evaluate ship-wide evolution effects on Strategic Weapons System (SWS) operations and maintenance
E7	NON-CORE	Manage Continuing Training and Qualification Software (CTQS) Programs
E7	NON-CORE	Manage Maintenance and Material Management (3-M) Program
E7	NON-CORE	Manage Missile Technician (MT) Continuum Training and Afloat Programs
E7	CORE	Manage nuclear weapons safety administration programs
E6	CORE	Manage Preventive Maintenance Management Programs (PMMP)
E6	CORE	Manage Strategic Weapons System (SWS) conventional ordnance weapons programs
E6	CORE	Manage Strategic Weapons System (SWS) support activities for upgrades, maintenance, training, and testing evolutions
E7	CORE	Manage Strategic Weapons System (SWS) support activities for upgrades, maintenance, training, and testing operations
E7	CORE	Plan Strategic Weapons System (SWS) patrol evolutions
E6	CORE	Plan weapons system pre-deployment training periods
E6	CORE	Prepare Strategic Weapons System (SWS) manual troubleshooting plans
E6	CORE	Prepare Strategic Weapons System (SWS) reports
E6	NON-CORE	Supervise Maintenance and Material Management (3-M) Program
E6	CORE	Supervise Missile Technician (MT) Continuum Training and Afloat Programs
E7	CORE	Validate weapons system Trouble and Failure Reports (TFR)
E6	CORE	Verify Strategic Weapons System (SWS) paper and electronic documentation changes
E6	CORE	Verify weapons system maintenance activity work plans

TECHNICAL OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Conduct missile loads (offloads, onloads)
E6	CORE	Direct conventional ordnance events in Strategic Weapons System (SWS)
E7	CORE	Evaluate Strategic Weapons System (SWS) operations personnel performance
E7	CORE	Manage Explosive Handling Wharf (EHW) operations
E7	CORE	Manage missile tube entry evolutions
E7	CORE	Manage missile tube entry operations
E7	CORE	Manage non-ordnance missile component handling evolutions (installations, removals)
E7	CORE	Manage non-ordnance missile component handling operations (installations, removals)
E7	CORE	Manage Strategic Weapon System (SWS) conventional ordnance handling evolutions (installations, removals)

TECHNICAL OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)
E6	CORE	Supervise non-ordnance missile component handling evolutions (installations, removals)
E6	CORE	Supervise non-ordnance missile component handling operations (installations, removals)
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling evolutions (installations, removals)
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)

Job Title**Strategic Weapons Technician****Job Code****001562****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

STRATEGIC WEAPONS TECHNICIAN

Short Title (14 Characters)

STRAT WEP TECH

Pay Plan

Enlisted

Career Field

MT

Other Relationships and Rules

NEC TXXX and 7XXX series and other NECs as assigned

Job Description

Strategic Weapons Technicians manage divisional operations, maintenance, training, and administrative aspects associated with the assembly, maintenance, and repair of nuclear-capable ballistic missiles and their associated missile and launcher systems, advanced electronics and electro-mechanical navigation and targeting systems carried on submarines; and perform critical work functions supporting the training of assigned personnel, repair and maintenance of equipment, and employment of Strategic Weapons Systems (SWS).

DoD Relationship*Group Title*

Missile Guidance and Control

DoD Code

112100

O*NET Relationship*Occupation Title*Electrical and Electronics
Repairers, Commercial and
Industrial Equipment*SOC Code*

49-2094.00

*Job Family*Installation, Maintenance, and
Repair**Skills***Operation and Control**Monitoring**Equipment Maintenance**Systems Analysis**Installation**Reading Comprehension**Judgment and Decision Making**Coordination**Quality Control Analysis**Troubleshooting***Abilities***Written Comprehension**Manual Dexterity**Problem Sensitivity**Selective Attention**Speech Recognition**Information Ordering**Auditory Attention**Memorization**Time Sharing**Extent Flexibility***CONFIGURATION****Paygrade****Task Type****Task Statements**

E4	CORE	Configure Fire Control (FC) power equipment
E4	CORE	Configure Missile Control Center (MCC) equipment cooling systems
E4	CORE	Configure missile tube hydraulic system
E4	CORE	Configure Strategic Weapons System (SWS) Fire Control (FC) subsystems
E4	CORE	Control operations of air system components
E4	CORE	Control operations of hydraulic system components
E4	CORE	Control operations of manually-controlled valves
E4	CORE	Control operations of Missile Compartment (MC) Launcher equipment
E4	CORE	Control operations of pneumatically-controlled valves
E4	CORE	Control operations of submarine emergency life support systems
E4	CORE	Control operations of submarine habitability systems
E4	CORE	Inspect Missile Compartment (MC) maintenance areas
E4	NON-CORE	Override hydraulically-controlled valves
E4	CORE	Set Strategic Weapon System (SWS) conditions of readiness
E4	CORE	Verify Missile Gas (MG) system conditions (e.g., nitrogen charge, readiness, portable flask charging, etc.)
E4	CORE	Verify Strategic Weapon System (SWS) conditions of readiness

COUNTDOWN OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Perform Control and Monitoring Panel (CAMP) countdown operations
E5	CORE	Perform Fire Control (FC) supervisor countdown operations
E6	CORE	Perform Launcher watchstation countdown operations
E4	CORE	Perform Missile Compartment (MC) countdown operations (Guidance, Second Level)
E4	CORE	Perform Missile Control Center (MCC) countdown operations
E4	CORE	Perform Missile Control Center (MCC) troubleshooter countdown operations

DATA OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Assist in data management operations
E5	CORE	Conduct media receipts, transfers, and verifications
E5	CORE	Direct Fire Control System (FCS) data collection evolutions
E5	CORE	Direct weapons system media evolutions
E7	CORE	Manage Fire Control System (FCS) data management evolutions
E7	CORE	Manage targeting evolutions
E7	CORE	Manage targeting operations
E7	CORE	Manage weapons system media evolutions
E7	CORE	Manage weapons system media operations
E4	CORE	Perform Fire Control System (FCS) data entry procedures
E4	CORE	Perform Fire Control System (FCS) data printing functions
E4	CORE	Perform targeting operations procedures
E6	CORE	Supervise Fire Control System (FCS) data management operations
E6	CORE	Supervise Strategic Weapons System (SWS) manual troubleshooting operations
E6	CORE	Supervise targeting evolutions
E6	CORE	Supervise weapons system media evolutions
E4	CORE	Verify Fire Control System (FCS) data printouts

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust Strategic Weapons Systems (SWS) electrical components
E5	CORE	Adjust Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	NON-CORE	Assist in Strategic Weapons System (SWS) corrective maintenance
E4	NON-CORE	Assist in Strategic Weapons System (SWS) troubleshooting
E5	NON-CORE	Direct Maintenance and Material Management (3-M) Program
E5	CORE	Direct Strategic Weapons System (SWS) maintenance operations
E6	CORE	Direct Strategic Weapons System (SWS) manual troubleshooting evolutions
E4	CORE	Inspect Strategic Weapons Systems (SWS) electrical components

MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inspect Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Lubricate Strategic Weapons Systems (SWS) electrical components
E4	CORE	Lubricate Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Maintain fiber optic system components
E4	CORE	Preserve Strategic Weapons Systems (SWS) electrical components
E4	CORE	Preserve Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E5	CORE	Repair Strategic Weapons System (SWS) component cables
E5	CORE	Repair Strategic Weapons Systems (SWS) electrical components
E5	CORE	Repair Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Replace Strategic Weapons System (SWS) electronic modules
E5	CORE	Replace Strategic Weapons Systems (SWS) electrical components
E5	CORE	Replace Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E6	CORE	Supervise missile tube entry evolutions
E6	CORE	Supervise Strategic Weapons Systems (SWS) maintenance operations
E5	CORE	Test Strategic Weapons Systems (SWS) electrical components
E5	CORE	Test Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E5	CORE	Troubleshoot Strategic Weapons System (SWS) (e.g., Launcher, Fire Control System (FCS), etc.)
E5	CORE	Troubleshoot Strategic Weapons Systems (SWS) electrical components
E5	CORE	Troubleshoot Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)

NUCLEAR WEAPONS SAFETY AND SECURITY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Develop nuclear weapons accident and incident drill reports
E5	CORE	Develop nuclear weapons accident and incident drill scenarios

NUCLEAR WEAPONS SAFETY AND SECURITY (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Direct submarine weapons casualty recovery evolutions
E7	CORE	Manage submarine weapons casualty recovery evolutions
E7	CORE	Manage submarine weapons casualty recovery operations
E4	CORE	Perform radiological surveys
E4	CORE	Perform shut down procedures of radiological equipment
E4	CORE	Perform start up procedures of radiological equipment
E4	CORE	Perform Strategic Weapons System (SWS) reader-worker routines
E4	CORE	Perform two-person control during Strategic Weapons System (SWS) operations
E4	CORE	Perform two-person rule during Strategic Weapons System (SWS) operations
E6	CORE	Supervise nuclear weapons security programs

OPERATIONAL TESTS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Conduct at-sea missile testing
E5	CORE	Conduct closure detonator circuit testing
E5	CORE	Conduct fire control diagnostic tests
E5	CORE	Conduct in-port missile testing
E5	CORE	Conduct Missile Compartment (MC) performance checks
E5	CORE	Conduct missile tube tightness tests
E5	CORE	Conduct operational sequence tests
E4	CORE	Establish equipment configuration conditions in Guidance to support missile testing
E4	CORE	Perform Missile Heating and Cooling (MHC) hot water heater operation verification procedures

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inventory Strategic Weapons System (SWS) equipage
E4	CORE	Locate electronic system operations and maintenance resources (e.g., Fire Control Systems (FCS), Strategic Weapons System Maintenance Information Network (SWSMIN), etc.)
E5	CORE	Manage weapons system documentation programs
E6	CORE	Prepare Strategic Weapons System (SWS) reports
E6	NON-CORE	Schedule simulator/lab training sessions
E6	NON-CORE	Supervise Maintenance and Material Management (3-M) Program
E5	CORE	Update Strategic Weapons System (SWS) maintenance records
E4	NON-CORE	Utilize weapons system training products

TECHNICAL OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Conduct missile loads (offloads, onloads)
E5	CORE	Direct missile tube entry evolutions
E5	CORE	Direct non-ordnance missile component handling evolutions (installations, removals)

TECHNICAL OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Direct Strategic Weapons System (SWS) conventional ordnance handling evolutions (installations, removals)
E4	CORE	Install non-ordnance missile components
E4	CORE	Install Strategic Weapons System (SWS) conventional ordnance components
E7	CORE	Manage missile tube entry evolutions
E7	CORE	Manage missile tube entry operations
E7	CORE	Manage non-ordnance missile component handling evolutions (installations, removals)
E7	CORE	Manage non-ordnance missile component handling operations (installations, removals)
E7	CORE	Manage Strategic Weapon System (SWS) conventional ordnance handling evolutions (installations, removals)
E7	CORE	Manage Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)
E5	CORE	Perform Fire Control System (FCS) timing procedures
E5	CORE	Perform missile inspection reader procedures
E4	CORE	Perform missile tube entries
E4	CORE	Remove non-ordnance missile components
E4	CORE	Remove Strategic Weapons System (SWS) conventional ordnance
E6	CORE	Supervise non-ordnance missile component handling evolutions (installations, removals)
E6	CORE	Supervise non-ordnance missile component handling operations (installations, removals)
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling evolutions (installations, removals)
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)

Job Title**Strategic Weapons Operator****Job Code****001567****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

STRATEGIC WEAPONS OPERATOR

Short Title (14 Characters)

STRAT WEP OPER

Pay Plan

Enlisted

Career Field

MT

Other Relationships and Rules

NEC TXXX and 7XXX series and other NECs as assigned

Job Description

Strategic Weapons Operators perform organizational and intermediate maintenance operations and administrative aspects associated with the assembly, maintenance, and repair of nuclear-capable ballistic missiles and their associated missile and launcher systems, advanced electronics and electro-mechanical navigation and targeting systems carried on submarines; and perform critical work functions supporting the training of assigned personnel, repair and maintenance of equipment, and employment of Strategic Weapons Systems (SWS).

DoD Relationship**O*NET Relationship****Group Title**

Missile Guidance and Control

DoD Code

112100

Occupation Title

Maintenance Workers, Machinery

SOC Code

49-9043.00

Job Family

Installation, Maintenance, and Repair

Skills*Operation and Control**Equipment Maintenance**Systems Analysis**Judgment and Decision Making**Reading Comprehension**Installation**Monitoring**Coordination**Quality Control Analysis**Troubleshooting***Abilities***Written Comprehension**Manual Dexterity**Selective Attention**Speech Recognition**Problem Sensitivity**Memorization**Time Sharing**Oral Comprehension**Extent Flexibility**Information Ordering***CONFIGURATION****Paygrade****Task Type****Task Statements**

E4

CORE

Adjust missile tube heating and cooling systems

E4

CORE

Configure electrical power to weapons systems and Strategic Weapon System (SWS) ship support system equipment

E4

CORE

Configure Fire Control (FC) power equipment

E5

CORE

Configure hydraulically-controlled valves from Missile Control Center (MCC)

E4

CORE

Configure Missile Control Center (MCC) equipment cooling systems

E4

CORE

Configure missile tube hydraulic system

E4

CORE

Configure Strategic Weapons System (SWS) Fire Control (FC) subsystems

E4

CORE

Control operations of air system components

E4

CORE

Control operations of hydraulic system components

E4

CORE

Control operations of manually-controlled valves

E4

CORE

Control operations of Missile Compartment (MC) Launcher equipment

E4

CORE

Control operations of pneumatically-controlled valves

E4

CORE

Control operations of submarine emergency life support systems

E4

CORE

Control operations of submarine habitability systems

E4

CORE

Inspect Missile Compartment (MC) maintenance areas

E4

NON-CORE

Override hydraulically-controlled valves

E4

CORE

Set Strategic Weapon System (SWS) conditions of readiness

CONFIGURATION (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Verify Missile Gas (MG) system conditions (e.g., nitrogen charge, readiness, portable flask charging, etc.)
E4	CORE	Verify Strategic Weapon System (SWS) conditions of readiness

COUNTDOWN OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Perform Fire Control (FC) supervisor countdown operations
E6	CORE	Perform Launcher watchstation countdown operations
E4	CORE	Perform Missile Compartment (MC) countdown operations (Guidance, Second Level)
E5	CORE	Perform Missile Compartment (MC) troubleshooter countdown operations
E4	CORE	Perform Missile Control Center (MCC) countdown operations
E4	CORE	Perform Missile Control Center (MCC) troubleshooter countdown operations

DATA OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	NON-CORE	Assist in data management operations
E5	CORE	Conduct media receipts, transfers, and verifications
E4	CORE	Perform Fire Control System (FCS) data entry procedures
E4	CORE	Perform Fire Control System (FCS) data printing functions
E4	CORE	Perform targeting operations procedures
E4	CORE	Perform weapons system media loads

MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust Strategic Weapons Systems (SWS) electrical components
E5	CORE	Adjust Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	NON-CORE	Assist in Strategic Weapons System (SWS) corrective maintenance
E4	NON-CORE	Assist in Strategic Weapons System (SWS) troubleshooting
E4	CORE	Clean Strategic Weapons Systems (SWS) electrical components
E4	CORE	Clean weapons Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying, (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Conduct Missile tube Dry and Dehumidification (MDD) operations
E4	CORE	Inspect Strategic Weapons Systems (SWS) electrical components
E4	CORE	Inspect Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Lubricate Strategic Weapons Systems (SWS) electrical components

MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Lubricate Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Maintain fiber optic system components
E4	CORE	Preserve Strategic Weapons Systems (SWS) electrical components
E4	CORE	Preserve Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E5	CORE	Repair Strategic Weapons Systems (SWS) electrical components
E5	CORE	Repair Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E4	CORE	Replace Strategic Weapons System (SWS) electronic modules
E5	CORE	Replace Strategic Weapons Systems (SWS) electrical components
E5	CORE	Replace Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)
E5	CORE	Test Strategic Weapons Systems (SWS) electrical components
E5	CORE	Test Strategic Weapons Systems (SWS) mechanical components (e.g., shipboard valves, pumps, actuators, Missile Heating and Cooling (MHC), Missile Dehumidification and Drying (MDD), Missile Gas (MG), Missile Hydraulics (HML), etc.)

NUCLEAR WEAPONS SAFETY AND SECURITY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Combat nuclear weapons security violations
E4	CORE	Combat submarine weapons casualties
E4	CORE	Conduct nuclear weapons accidents or incidents casualty controls and recoveries
E4	CORE	Perform radiological surveys
E4	CORE	Perform shut down procedures of radiological equipment
E4	CORE	Perform start up procedures of radiological equipment
E4	CORE	Perform Strategic Weapons System (SWS) reader-worker routines
E4	CORE	Perform two-person control during Strategic Weapons System (SWS) operations
E4	CORE	Perform two-person rule during Strategic Weapons System (SWS) operations
E4	NON-CORE	Safeguard nuclear weapons security areas
E6	CORE	Supervise nuclear weapons security programs

OPERATIONAL TESTS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Conduct at-sea missile testing
E5	CORE	Conduct closure detonator circuit testing

OPERATIONAL TESTS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Conduct fire control diagnostic tests
E5	CORE	Conduct in-port missile testing
E5	CORE	Conduct Missile Compartment (MC) performance checks
E5	CORE	Conduct missile tube tightness tests
E5	CORE	Conduct operational sequence tests
E4	CORE	Establish equipment configuration conditions in Guidance to support missile testing
E4	CORE	Perform Missile Heating and Cooling (MHC) hot water heater operation verification procedures

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Inventory Strategic Weapons System (SWS) equipage
E4	CORE	Locate electronic system operations and maintenance resources (e.g., Fire Control Systems (FCS), Strategic Weapons System Maintenance Information Network (SWSMIN), etc.)
E4	CORE	Perform Strategic Weapons System (SWS) paper-based and electronic publication change procedures
E4	CORE	Prepare Strategic Weapons System (SWS) Trouble and Failure Reports (TFR)
E4	NON-CORE	Utilize weapons system training products

TECHNICAL OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Conduct missile loads (offloads, onloads)
E4	CORE	Install non-ordnance missile components
E4	CORE	Install Strategic Weapons System (SWS) conventional ordnance components
E7	CORE	Manage Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)
E5	CORE	Perform Fire Control System (FCS) timing procedures
E4	CORE	Perform missile inspection worker procedures
E4	CORE	Perform missile tube entries
E4	CORE	Remove non-ordnance missile components
E4	CORE	Remove Strategic Weapons System (SWS) conventional ordnance
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling evolutions (installations, removals)
E6	CORE	Supervise Strategic Weapon System (SWS) conventional ordnance handling operations (installations, removals)