



## MT-Missile Technician, Submarine (Advanced Electronics Field)

**Missile Technician Submarine** receive extensive training in the operation and maintenance of advanced electronic equipment and computers and electro-mechanical support systems used in submarine strategic weapons systems. Responsible for the assembly, maintenance and repair of nuclear-capable ballistic missiles carried on submarines and their associated advanced electronics and electro-mechanical navigation and targeting systems, MTs are a vital element in the maintenance of strategic deterrence so vital to the security of the United States.

### Obligation.

Active duty obligation is six years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for 24 months.

### Advancement.

Enlistees enlist as E-1s (seaman recruits). Advancement to E-2 (seaman apprentice) will be made after successful completion of recruit training. Completion of all advancement-in-rate requirements (including minimum time-in-rate) must be completed prior to advancement to E-3 and E-4. Accelerated advancement to E-4 is authorized for *all* personnel after completion of the training pipeline, provided eligibility in the MT program is maintained.

### Elite Program.

This rating is open to men who volunteer for submarine duty. Submarine pay is paid monthly beginning upon the start of Basic Enlisted Submarine School, currently \$75.00 to \$425.00 (see Submarine Pay chart). All submarine ratings are members of an *elite* community consisting of highly professional, well-trained personnel. Upon advancement to E-4, submariners receive sea pay in addition to submarine pay.

### Career Opportunities.

This rating has the most extensive technical skills training and development provided to a submarine rating during a first enlistment. This superior training is directly transferable to the civilian job sector, either at the end of obligated service or a full 20 to 30 year career. New and exciting career opportunities await the select group of people who possess submarine advanced technology knowledge gained through Navy training. Of course, the longer you stay, the more training, experience, skills, and benefits you will receive. These skills and training are in high demand in both the civilian and military career fields.

### Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced technical and operational training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Basic Submarine School	Groton, CT	4 weeks	Indoctrination in basic submarine systems	Group Instruction
Basic Mechanical Skills	Groton, CT	3 weeks	Introduction to basic mechanics	Group Instruction
Class 'A' (NIDA)	Kings Bay, GA	5 weeks	Basic electronics, electricity and digital theory	Group Instruction
Class 'C'	Kings Bay, GA Bangor, WA	23 weeks	Advanced electronics & electricity, mechanical systems and repair on Trident II missiles and launching systems	Group Instruction & equip. labs
AWS Replacement	Kings Bay, GA	5 weeks	Advanced electronics & electricity, mechanical systems and repair on Tomahawk missiles and launching systems	Group Instruction & equip. labs

Only MTs that are assigned to SSGN platforms are required to attend the AWS Replacement course. MTs serve on submarines and shore stations in the United States, primarily in Bangor, WA and Kings Bay, GA. They are assigned to ballistic missile submarines or missile assembly plants. During a 20 year period in the Navy, MT will spend about 50 percent of their time assigned to fleet units and 50 percent to shore stations.



## MT-Missile Technician, Submarine (Advanced Electronics Field)

### What They Do

- maintain ballistic missiles and their launching systems;
- maintain related launching systems including high-pressure air and hydraulic systems;
- operate and maintain digital computers;
- maintain operating efficiency of electrical distribution panels, switches, switchboards, controllers, voltage regulators, current transformers, rectifiers and voltage transformers within the fleet ballistic missile weapons systems;
- test and repair ballistic guidance systems;
- operate, maintain and adjust optical measuring equipment;
- test, align and adjust missiles and components
- repair missiles and related components;
- test, align, adjust, calibrate and repair support handling equipment;
- stow missiles and components;
- maintain logs;
- prepare reports;
- provide security in missile launch spaces aboard submarines;
- maintain and operate ballistic missile fire control systems and equipment for *Trident* submarines;
- maintain control of classified material;
- monitor and ensure security of weapons system components and material.

### Working Environment

Men in the MT rating usually work indoors, although they may sometimes work outdoors while doing such tasks as loading missiles. They work in a submarine environment, are closely supervised and do both mental and physical work.

### Qualifications and Interests

An interest in ideas and information, good memory, the ability to do detailed work, keep accurate records and be a team worker are important qualifications. Resourcefulness, curiosity, competence with tools, equipment and machines, manual dexterity and the ability to do repetitive tasks are also helpful.

MTs must be U.S. citizens eligible for a security clearance. A Single Scope Background Investigation (SSBI) and a Personnel Reliability Program (PRP) screening are required.

### Opportunities

Over 450 men and women currently work as LSs in the Navy. Opportunities are excellent for qualified candidates.

### Earn College Credit



The American Council on Education recommends that semester hour credits be awarded in the vocational certificate and lower-division bachelor's/associate's degree categories for courses taken in this rating on office machines and general clerical procedures. To see the college credits available via a **Joint Service Transcript** for this rating:

MT

[https://www.cool.navy.mil/usn/jst/mt\\_jst.pdf](https://www.cool.navy.mil/usn/jst/mt_jst.pdf)

### Earn Department of Labor (DOL) Nationally Recognized Apprenticeships



USMAP

The United Services Military Apprenticeship Program (USMAP) is a formal military training program that provides active duty and Full Time Support (FTS) Service members the opportunity to improve their job skills and to complete their civilian apprenticeship requirements while they are on active duty. The U.S. Department of Labor (DOL) provides the nationally recognized "Certificate of Completion" upon program completion. Visit United Services Military Apprenticeship Program (USMAP) for LS apprenticeships.

MT

<https://usmap.netc.navy.mil/usmapss/static/navyRates.htm>



## **MT-Missile Technician, Submarine (Advanced Electronics Field)**

### **Earn Industry Recognized Credentials**



Navy Credentialing Opportunities On-Line (Navy COOL) Navy COOL catalogs and defines comprehensive information on occupational credentials - including certifications, licenses, and apprenticeships - correlating with every Navy rating and some collateral duties. It provides "how to" instructions for pursuing these credentials, links to credentialing organizations, and cross-references to programs that help Sailors pay for credentialing fees. Shortly following the initial rating technical training (Class "A" technical school), Sailors may be able to take advantage of earning civilian/industry certifications & licenses (credentials), funded through Navy COOL. Visit the Navy COOL website to view these opportunities. See the link below.

**MT**

<https://www.cool.navy.mil/usn/enlisted/mt.htm>

### **Manage a Navy Career with Navy LaDR (Learning and Development Roadmap)**



To see the Navy LaDR (Learning and Development Roadmap) for this rating:

**MT**

[https://www.cool.navy.mil/usn/LaDR/mt\\_e1\\_e9.pdf](https://www.cool.navy.mil/usn/LaDR/mt_e1_e9.pdf)

### **Earn Skill Sets Towards Civilian Related Occupations**



The skill sets for this rating crosswalk to civilian related occupations listed by the U.S. Department of Labor. To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating, see the link below.

**MT**

<https://www.cool.navy.mil/usn/enlisted/mt.htm>

**Revised: 1/17**