Missile Technicians Submarines receive extensive training in the operation and maintenance of advanced electronic equipment and computers and electromechanical 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.

**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 control systems and equipment for Trident submarines;
- Maintain control of classified material;
- Monitor and ensure security of weapons system components and material.

**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.

<table>
<thead>
<tr>
<th>School</th>
<th>Present Location</th>
<th>Approximate Training Time</th>
<th>Subjects</th>
<th>Training Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Submarine School</td>
<td>Groton, CT</td>
<td>4 weeks</td>
<td>Indoctrination in basic submarine systems</td>
<td>Group Instruction</td>
</tr>
<tr>
<td>Basic Mechanical Skills</td>
<td>Groton, CT</td>
<td>3 weeks</td>
<td>Introduction to basic mechanics</td>
<td>Group Instruction</td>
</tr>
<tr>
<td>Class ‘A’ (NIDA)</td>
<td>Kings Bay, GA</td>
<td>5 weeks</td>
<td>Basic electronics, electricity and digital theory</td>
<td>Group Instruction</td>
</tr>
<tr>
<td>Class ‘C’</td>
<td>Kings Bay, GA</td>
<td>23 weeks</td>
<td>Advanced electronics, electricity, mechanical systems and repair on Trident II missiles and launching systems</td>
<td>Group Instruction &amp; equip. labs</td>
</tr>
<tr>
<td>AWS Replacement</td>
<td>Kings Bay, GA</td>
<td>5 weeks</td>
<td>Advanced electronics, electricity, mechanical systems and repair on Tomahawk missiles and launching systems</td>
<td>Group Instruction &amp; equip. labs</td>
</tr>
</tbody>
</table>

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, MTs will spend about 50 percent of their time assigned to fleet units and 50 percent to shore stations.

**WORKING ENVIRONMENT**
Sailors 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.

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

#### 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 E3 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.

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

#### ELITE PROGRAM
This rating is open to those who volunteer for submarine duty. Submarine pay is paid monthly beginning upon the start of Basic Enlisted Submarine School, currently $75.00 to $600.00 (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.

#### QUALIFICATIONS & 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.
MANAGE A NAVY CAREER WITH NAVY LADR
See the Navy LaDR (Learning and Development Roadmap) for this rating:

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 word processing or data entry applications and office management procedures. See the college credits available via a Joint Services Transcript for this rating:

EARN DEPARTMENT OF LABOR (DOL) NATIONALLY RECOGNIZED APPRENTICESHIPS
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 apprenticeships:
https://usmap.netc.navy.mil/usmapss/static/navyRates.htm

EARN INDUSTRY RECOGNIZED CREDENTIALS
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.

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. See Related Civilian, Federal and Military Sealift Command Occupations for this rating on Navy COOL.

Visit the Navy COOL website:
MT https://www.cool.navy.mil/usn/enlisted/mt.htm

DOWNLOAD THE NAVY COOL APP
Navy COOL App (iOS):

Navy COOL App (Android):

Note: Since Navy programs and courses are revised at times, the information contained on this card is subject to change.
Revised: August 2020