



ETV – Electronics Technician Navigation Submarines

Electronics Technician Navigation Submarines

serve on board multiple classes of submarines and specialize in navigation systems. They are responsible for electronic equipment used for preparing for and conducting basic submarine navigation and piloting evolutions.

What They Do

- maintain, repair, calibrate, tune, and adjust all electronic equipment used for navigation;
- operate and conduct basic preventive maintenance on interior communications announcing circuits,
- operate atmosphere monitoring equipment and ship control subsystems.
- use and maintain hand tools and portable power tools;
- operate and monitor Inertial Navigation systems, and Global Positioning Systems under the supervision of senior personnel.

Advancement

Enlistees enter as E-1s (seaman recruits). Advancement to paygrade E-2 (seaman apprentice) will be made after successful completion of recruit training. Advancement to E-3 will be made after completion of all advancement-in-rate requirements (including minimum time and course work). Advancement to paygrade E-4 (petty officer third class) will be made after successful completion of initial school training and after all advancement-in-rate requirements (including minimum time and course work) are completed. Advancement to both E-3 and E-4 is contingent upon maintaining eligibility in the Advanced Electronics Computer Field.

Opportunities

Placement opportunities are good for qualified applicants. About 1,100 Sailors work in the ETV rating.

Working Environment

ETVs duties are usually performed aboard submarines and usually work indoors in a clean, controlled environment with comfortable temperatures. However, some work is required in a clean or dirty environment of a shop-like nature. Their work may be independent in nature, but they usually work closely with others under direct supervision.

Qualifications and Interests

Electronics Technicians (ETV) must be U.S. citizens eligible to meet security clearance requirements. Important qualifications include knowledge of arithmetic, capability to understand modern computing devices, the ability to speak and write well, function as a member of a team, do detailed work and keep accurate records. Additionally they must possess some physical strength and good manual dexterity.

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 Enlisted Submarine School	Groton, CT	4 Weeks	Indoctrination in basic submarine systems.	Group instruction and practical application
Class "A" Technical School and Specialty Pipeline School	Groton, CT.	14-28 Weeks	Basic electricity, electronics and computer technical knowledge and skills and preparation for communications specialties and assignment on a fast attack or ballistic missile submarine	Group instruction, practical application and equipment labs

After "A" school and Basic Enlisted Submarine School, Electronics Technicians (ETV)'s are assigned to serve on all types of submarines and at shore facilities in the United States and overseas. During a 20 year period in the Navy, ETV's spend about 60 percent of their time assigned to fleet units and 40 percent to shore stations. *Note:* All applicants must read and understand the Submarine Volunteer Statement of Understanding.



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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:

ETV

https://www.cool.navy.mil/usn/jst/etv_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.

ETV

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

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.

ETV

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

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



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

ETV

https://www.cool.navy.mil/usn/LaDR/etv_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.

ETV

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

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