



## STG – Sonar Technician Submarines

**Sonar Technician Submarines** serve on board multiple classes of submarines and specialize in combat systems. They are responsible for all operational and administrative aspects of the submarine's computer and control mechanisms used for underwater surveillance and scientific data collection.

### What They Do

- maintain, repair, calibrate, tune, and adjust all electronic equipment used for underwater surveillance and scientific data collection;
- support operation and basic maintenance of underwater surveillance and scientific data collection systems
- perform organizational and intermediate level maintenance on underwater surveillance and scientific data collection systems, equipment, and associated combat control systems test equipment;
- operate underwater surveillance and scientific data collection systems;
- test underwater surveillance and scientific data collection systems;
- operate and maintain combat control systems associated systems;
- use and maintain hand tools and portable power tools.

### Working Environment

STS's 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.

### Opportunities

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

### Obligation.

Active duty obligation is five years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for one year..

### Qualifications and Interests

STGs should have excellent hearing; an aptitude for electricity and electronics; skills in arithmetic, speaking and writing; the ability to do detailed work, keep records, perform as a team member; curiosity; resourcefulness; a good memory; and manual dexterity with tools, equipment and machines. The ability to do repetitive tasks and get along well with people is helpful. STGs must be U.S. citizens eligible for security clearances. Normal hearing and normal color perception are required. STGs must have no speech impediments.

### Advancement.

Enlistees enlist as E-1s (seaman recruits). Completion of all advancement-in-rate requirements (including minimum time-in-rate) must be completed prior to advancement to E-2, E-3 and E-4. Top graduates of initial "pipeline" training may elect accelerated advancement to E-4 if they execute an agreement to extend their enlistment one additional year (six years total obligation). Advancement in this field to E-4 (Petty Officer Third Class) is excellent.

### Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through formal Navy schooling. Advanced technical equipment maintenance and operational training on several sonar systems and underwater fire control 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	4weeks	Indoctrination in basic submarine systems.	Group instruction and practical application
Class "A" Technical School and Specialty Pipeline School	Groton, CT	37 weeks	Basic electricity, electronics and computer technical knowledge and skills. Preparation for underwater surveillance and scientific data collection 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 (STS)'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, STS'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:

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[https://www.cool.navy.mil/usn/jst/sts\\_jst.pdf](https://www.cool.navy.mil/usn/jst/sts_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.

STSG

<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.

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

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



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

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[https://www.cool.navy.mil/usn/LaDR/sts\\_e1\\_e9.pdf](https://www.cool.navy.mil/usn/LaDR/sts_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.

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

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