



SONAR Technicians (STG) are responsible for operating SONAR systems, underwater fire control systems, and supporting equipment on surface ships such as destroyers and cruisers. STGs are also responsible for undersea surveillance, and aid in safe navigation and search-and-rescue operations. They use equipment to detect, analyze and locate targets of interest.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
25-30	STGCM	20.5 Yrs	CSEL	N/A	Billet: CSEL, Dept. LCPO, National SEL, Regional SEL, Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: ELD
21-25	STGCM STGCS	20.5 Yrs 19.6	CWO, CSEL	N/A	Billet: CSEL, Dept./Div. LCPO, Regional Staff, National Staff, OSI NSYD, Task Manager Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: ASWE, ACINT, ELD
18-21	STGCM STGCS STGC	20.5 Yrs 19.6 13.8	CWO, CSEL	N/A	Billet: CSEL, Dept./Div. LCPO, Regional Staff, National Staff, OSI NSYD, Task Manager Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: ACINT, ELD
15-18	STGCS STGC	19.6 Yrs 13.8	CWO, CSEL	N/A	Billet: LCPO, Regional Staff, Unit SEL, Task Manager, NROWS UA Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: ASWE, SUWC Senior Enlisted Academy, CSEL Course, ELD
12-15	STGC STG1	13.8 Yrs 11.3	LDO, CWO	N/A	Billet: LCPO, LPO, STC Mentor Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: IUSS Watch Supv, ACINT analyst, MTS, ATS, ELD
9-12	STG1 STG2	11.3 Yrs 5.1	STA-21, OCS, LDO	N/A	Billet: LCPO, LPO, SONAR SUP. Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: CSOOW, SONAR Sup. ASWE, SUWC, ELD
6-9	STG2	5.1 Yrs.	STA-21, OCS, LDO	N/A	Billet: RMC/Tech Rep, IUSS. Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: MTS, ATS, RINC, ELD
1-6	STG2 STG3	5.1 Yrs 30 Months	STA-21, OCS, Naval Academy	N/A	Billet: Operator, Technician, CSMC, ATFP/VBSS. Duty: NCHB, PHIB, LCS, MSC, CART, MESG, MSRON Qualification: WCS, Area Sup, CSMC, ATFP/VBSS, ELD

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YEARS OF	CAREER	AVERAGE	COMMISSIONING	SEA/SHORE	TYPICAL CAREER PATH
SERVICE	MILESTONES	TIME TO	OR OTHER SPECIAL	FLOW	DEVELOPMENT
		PROMOTE	PROGRAMS		
1+/-	STG3	30 Months			Recruit "A" and "C" School.
	STGSN	9			
	STGSA				
	Accession				
	Training				

Notes:

- 1. "A" School is required for this rating.
- 2. This is not a compressed rating.
- 3. SELRES STGs should show diversity in billets throughout their careers and include Active Duty for Training (ADT), Active Duty for Operational Support (ADOS), and mobilizations in support Sea, Shore and Expeditionary Commands. The above listed ECP table lists several items for qualification. These are qualification items based on command billet availability and are not meant as an all-encompassing qualification list. SELRES STGs should be seeking out rate specific qualifications and command mission support qualifications based on available billet assignments.
- 4. When able, SELRES Sailors should try to earn a Warfare qualification.
- 5. Rating NECs:
 - 707B AN/SLQ-48(V) Mine Neutralization Systems (MNS) Operator/Maintenance Technician
 - V84B AN/SQQ-89(V)4/6 Sonar Subsystem Level I Operator
 - V42B AN/SQQ-89(V)3/5 Active Sonar Level II Technician/Operator
 - V43B AN/SQQ-89(V) 2/3/4/6/7/8/9/12 Passive Sonar Level II Technician/Operator
 - 708B Acoustic Intelligence Specialist
 - V44B ASW Specialist
 - V45B Underwater Fire Control System MK-116 MOD 7 Anti-Submarine Warfare Control System Operator
 - V46B AN/SQQ-89(V) 4/6 Active Sonar Level II Technician
 - V47B Journeyman Surface Ship USW Supervisor
 - 711B IUSS Maintenance Technician
 - V48B AN/SQQ-89 (V) Adjunct Subsystem Level II Technician
 - V49B AN/SQS-53D Sensor Subsystem Level II Technician/Operator
 - V50B AN/SQQ-89(V) 11/12 Sonar Subsystem Level I Operator
 - V52B AN/SQQ-89(V)15 Sonar System Level II Technician
 - V54B AN/SQQ-89A(V)15/(V)15 EC204 Surface Ship USW Combat Systems Sensor Operator
 - V55B AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Maintenance Technician
 - V56B AN/SQQ-89A(V)15/(V)15 EC204 Surface Ship USW Combat Systems Journeyman
 - V57B AN/SQQ-34C (V) 2 Aircraft Carrier Tactical Support Center (CV-TSC) Maintenance Technicians
 - V58B Integrated Undersea Surveillance System (IUSS) Low Frequency Active (LFA)/Compact Low
 - Frequency Active (CLFA) Operator
 - V59B Integrated Undersea Surveillance System (IUSS) SURTASS Mission Commander
 - V40B Anti-Sub Warfare (ASW) Mission Specialist

NEC Notes:

(1) NEC not applicable to SELRES billets – NEC may be previously earned on Active Component and carried over to Reserve Component affiliation.





6. Within SurgeMain all regional/national positions are screened billets and with documented impact should be considered a plus.

Considerations for advancement from E6 to E7

Highly competitive candidates for selection as a Chief Petty Officer have met many or all of the following milestones:

- Warfare qualified (based on opportunity/assignment/mobilization)
- First Class Petty Officer Association (FCPOA) with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- SAILOR 360 with strong involvement and documented impact. Special consideration should be given to those in leadership positions
- Unit LPO or DLPO
- Command collateral duties with documented impact (e.g., Command Fitness Leader (CFL), Unit Command Career Counselor (UCCC), etc.)

(NEC) 8CFL - Command Fitness Leader (CFL)

(NEC) 807R - Reserve Career Information Program Advisor

(NEC) 8MTS -Master Training Specialist

(NEC) 805A – Instructor

- Completion of USMAP or NAMTS should be considered a plus
- Graduate of Advanced Leader Development Course.

Considerations for advancement from E7 to E8

Highly competitive/most fully qualified candidates for selection as a Senior Chief Petty Officer have met many or all of the following milestones:

- Warfare qualified (based on opportunity/assignment/mobilization)
- Chief Petty Officer Association (CPOA) with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- CPO Initiation with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- SAILOR 360 with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- Unit LCPO or DLCPO of large command
- SEL (Command, Company, or Detachment)
- National Navy Reserve Policy Board or Navy Reserve Policy Board Membership.
- SELRES/FTS E7 & E8/E9 Selection Board Panel Member and/or Recorder.
- Graduate of Senior Enlisted Academy (SEA) or other Service Equivalent
- Command collateral duties with documented impact (e.g., Drug and Alcohol Program Advisor (DAPA), CCC, Command Managed Equal Opportunity (CMEO), etc.)

(NEC) 812A - Professional Development Instructor (SEA)

- A best and most qualified spends AT as an On-site Leader (OSL)
- Regional SELs should be executing their ATs to perform unit visits and it should not be considered negative if they do not perform a shipyard AT
- Graduate of the CPO Leader Development Course.

Considerations for advancement from E8 to E9

Highly competitive/most fully qualified candidates for selection as a Master Chief Petty Officer have met many or all of the following milestones:

• Warfare qualified (based on opportunity/assignment/mobilization)

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- Chief Petty Officer Association (CPOA) with strong involvement and documented impact. Special
 consideration should be given to those in leadership positions.
- CPO Initiation with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- SAILOR 360 with strong involvement and documented impact. Special consideration should be given to those in leadership positions.
- Unit LCPO or DLCPO of large command
- Major command collateral with documented impact.
- SEL (Command, Company, or Detachment)
- National Navy Reserve Policy Board or Navy Reserve Policy Board Membership.
- SELRES/FTS E7 & E8/E9 Selection Board Panel Member.
- Graduate of Senior Enlisted Academy or other Service Equivalent
- Regional or National position in a Navy Reserve Program or Command
- Regional SEL

Acronyms:

ACU Assault Craft Unit

ASWE Antisubmarine Warfare Evaluator

ACINT Acoustic Intelligence

ATFP Anti-Terrorism/Force Protection

CART Command Assessment of Readiness and Training

CSMC Combat System Maintenance Central IUSS Integrated Undersea Surveillance System

LCS Littoral Combat Ship

MESG Maritime Expeditionary Security Group

MSC Military Sealift Command

MSRON Maritime Expeditionary Security Squadron

MTS Master Training Specialist

NAVMAG Naval Magazine

NCHB Navy Cargo Handling Battalion

NROWS UA Navy Reserve Order Writing System Unit Administrator

OSL NSYD On-site Leader Navy Shipyard

PHIB Amphibious Squadron
RMC Regional Maintenance Center
SONAR Sound Navigation and Ranging
SUWC Surface Warfare Commander
VBSS Visit, Board, Search, and Seizure

Commissioning/Other Special Programs:

Commissioning Programs - Commissioning Programs (navy.mil)

CSEL Program - Pages - CMC CSC Program (navy.mil)

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