



ETV CAREER PATH (SS)



Electronic Technicians receive extensive training in operating and maintaining advanced electronic equipment and computers used in submarine navigation systems. Responsible for operational plan development and execution; the operation and routine care of local and interior communications systems, computers, RADAR, and complex electronic and electro-mechanical equipment. ETVs are a vital element in the precise navigation of the submarine. Operates, maintains, repairs, and tests navigation and interior communications equipment at sea. ETV assists the Officer of the Deck and the Navigator in all aspects of surfaced and submerged navigation. Ashore is an instructor of basic electronics, electronics maintenance, equipment operation, and navigation practices.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	ETVCM	19.5 Yrs	FORCM, CSEL, COB/CMC Program	36	4 th Shore Tour Billet: CSEL Duty: TYCOM /SQD/CTF/GRP
23-26	ETVCM ETVCS	19.5 Yrs 15.9	CSEL, COB/CMC Program	36	4 th Sea Tour Billet: COB/ANAV/3MC/LCPO Duty: Submarine/Special Projects/NSW Qualification: DOOW/ Pilot/MCO/DCPO/SWDO
20-23	ETVCM ETVCS ETVC	19.5 Yrs 15.9 12.44	CSEL, ECM	36	3 rd Shore Tour Billet: CSEL/TYCOM/SSP/CTF/SQD/Instructor/GRP Duty: TYCOM/SQD/SRS/GRP/NSW School House/Special Projects Qualification: TRE, SEAC, MTS, CDO
16-20	ETVCS ETVC ETV1	15.9 Yrs 12.44 7.2	CSEL, COB, CWO, OCS, MECP	36	3 rd Sea Tour Billet: COB/ANAV/LCPO/3MC Duty: Submarine/Special Projects/ Submarine Tender/NSW Qualification: DOOW/Pilot/MCO/COW/MWS/DCPO/SWDO
12-16	ETVCS ETVC ETV1	15.9 Yrs 12.44 7.2	CSEL, LDO, OCS, MECP	36	2 nd Shore Tour Billet: TYCOM/SQD/CTF/NPC/GRP Instructor/ Special Projects Duty: Staff/School House Qualification: TRE/SEAC/MTS/CDO
8-12	ETVC ETV1	12.44 Yrs 7.2		42	2 nd Sea Tour Billet: ANAV/LCPO/LPO Duty: Submarine/Special Projects/ Submarine Tender/NSW Qualification: ANAV/DOOW/Pilot/MCO DCPO/COW/MWS/ NAVCTR SUP
4-8	ETV1 ETV2 ETV3	7.2 Yrs 3.3 2.5	STA-21, OCS, MECP	36	1 st Shore Tour Billet: RDC/Recruiting/Instructor/ CTF/SRS Duty: RTC/School House/CTF/IMF Qualification: MTS/RDO/ASEAC/CDO
1-4	ETV2 ETV3	3.3Yrs 2.5	Naval Academy, NROTC	48	1 st Sea Tour Billet: Operator/Technician Duty: Submarine Qualification: QMOW/ NAVSUP /NAVWATCH/BDW/Submarine Warfare
1+/-	ETV3 ETVSN ETVSA Accession Training	2.5 Yrs 9 Months			Recruit Training and all schools or training events must be completed before reporting to their first operational command

Notes:



ETV CAREER PATH (SS)



1. "A" School is required.
2. Personnel in a Designator-8 status are disqualified from Submarine service, are not eligible for advancement, and are not reassigned to Submarines without prior approval of NAVPERSCOM.

3. Acronyms:

3MC:	Maintenance Material Management Coordinator
AERR:	Advancement Exam Readiness Review
ANAV:	Assistant Navigator
ASEAC:	Assistant Submarine Exercise Area Coordinator
BDW:	Below Decks Watch
C2WO:	Command and Control Watch Officer
CDO:	Command Duty Officer
COB:	Chief of the Boat
COW:	Chief of the Watch
CSEL:	Command Senior Enlisted Leader
CWO:	Chief Warrant Officer
DCPO:	Duty Chief Petty Officer
DOOW:	Diving officer of the Watch
ECM:	Enlisted Community Manager
MCO	Mission Control Officer
MMP DCPO:	Mission Duty Chief
MTS:	Master Training Specialist
MWS	Mission Watch Supervisor
NAVSUP:	Navigation Supervisor
NAVWATCH:	Navigation Center Watch
NODEA:	Navigation/Operations Department Enlisted Advisor (Department Chief)
NSW:	Naval Special Warfare
OCS:	Officer Candidate School
RDO:	Repair Duty Officer
SEAC:	Submarine Exercise Area Coordinator
SSP:	Strategic Systems Programs
SWDO:	Strategic Weapons Duty Officer
TRE:	Tactical Readiness Evaluation (Formally CRE)
PPHL:	Port Payload
PWS:	Projects Watch Supervisor
TMS:	Tethered Management System
TRR:	Training Readiness Review

4. Rating NECs:

T16A:	SSGN Navigation Equipment Maintenance Technician
T18A:	Navigation Equipment Maintenance Technician
T19A:	Navigation Equipment Operator
T20A:	SSN 774 Class Navigation and Ship's Electronic Equipment Technician
T21A:	Submarine Assistant Navigator (ANAV)
T21B:	Served SSN/SSBN/SSGN Assistant Navigator (ANAV)
T23A:	SSN 21 Class Navigation Equipment Maintenance Technician
T30A:	SSBN SSI INC 4 Electronics Technician Journeyman
T31A:	SSBN SSI4 Electronics Technician Navigation Maintainer
T31B:	SSBN 826 Class Electronics Technician Journeyman
T31C:	SSBN 826 Class Electronics Technician (NAVIGATION) Maintainer
785A:	SDV MK8/MK11 Team Technician
804G:	Expeditionary Force-Combat Skills
854A:	Naval Special Warfare (Combat Service Support)



ETV CAREER PATH (SS)



5. This list is not comprehensive or in order of precedence. Advancement in the ETV rating is enhanced by superior performance documented in the candidate's evaluations for the following:
 - Command Impact
 - TRE/Inspection performance/results
 - Squadron rankings
 - Command rankings
 - Critical Billets (TYCOM/GRP/ISIC/Forward Deployed Naval Forces/Oversea)
 - Squadron recognized unit awards
 - Significant Contributions to rating (AERR, TRR, Instructor, Inspection Team)
 - Having served successfully as the Department LCPO at sea (Minimum 12 months)
 - TYCOM, GROUP, ISIC, Shore Command Leading/Department LCPO

6. Consideration should be given to sailors who have displayed sustained superior performance while serving in Naval Special Warfare (NSW) assignments. These assignments include but are not limited to Naval Special Warfare Command, NSW Groups, and detachments. Such assignments may not be typical of the traditional career path, yet still provide unique leadership and career enhancing opportunities valuable to a well-rounded naval career.

Consideration for advancement from E6 to E7

- **FULLY QUALIFIED:**
 - If they have served as LPO, AND
 - Have ALL the following qualifications:
 - NAVSUP (ALL CLASSES)
 - NAVCENTER Supervisor (SSBN only)
 - Hold T21Q (Qualification Card Completed-ANAV)
 - COW (21/688/SSBN/SSGN) or DCPO (VACL)
- **BEST QUALIFIED:**
 - If they meet the FULLY QUALIFIED standard, AND
 - Qualified DCPO (21/688/SSBN/SSGN) or Pilot (VACL), AND
 - Serving ANAV, AND
 - Have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA

Candidates must qualify or re-qualify At Sea watches within the required timeframe per the community Continuing Training and Qualifications Manual (CTQM) COMSUBLANT/COMSUBPACINST 3500.3 (Series) to receive credit for best qualified.

Due to the repetitive nature of the Submarine rating billet profiles, repeat tours of similar assignments should not be viewed negatively towards performance and career progression.

For candidates who have only served on one submarine, i.e., follow on sea tours were at Special Projects, a Submarine Tender, or NSW, the board, MUST carefully weigh their achievements and demonstrated leadership when determining if they are BEST QUALIFIED since it is understood they might not have had the opportunity to meet the qualification standard.

The following qualification equivalents are to be used for Sailors serving at NSW locations:

UIC 55457, 55458, 0010C, and 0995B:

FULLY QUALIFIED if they have served as an LPO AND are qualified Command Duty Officer (CDO) (Ship's DCPO equivalent).

BEST QUALIFIED status should be given to those Sailors who meet the FULLY QUALIFIED standard AND are qualified Navy Expeditionary Warfare Specialist (EXW), AND Small Boat Officer/Petty Officer in Charge (POIC) OR Dry Combat Submersible (DCS) Maintenance Supervisor OR SEAL Delivery Vehicle (SDV)



ETV CAREER PATH (SS)



Maintenance Supervisor OR Dry Deck Shelter (DDS) Lift Captain. All qualifications listed under BEST QUALIFIED apart from EXW are equivalent in their scope of responsibilities to COW.

Candidates serving or who have served as a SDV Maintenance Supervisor in a Task Unit for greater than 12 months have met the standard for having served as an LPO.

The following qualification equivalents are to be used for Sailors serving at the identified Special Project:

Detachment Underwater Research and Development (UR&D):

Fully QUALIFIED if they have served as an LPO AND are qualified either STBD Tethered Management System (TMS), OR Remote Operated Vehicle (ROV) Pilot, OR Port Payload (PPHL), or Mission Navigation Watch, OR EES1 Technician.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified either Mission Duty Chief (MMP DCPO) or COW/DCPO as stated above.

Detachment TRITON:

FULLY QUALIFIED if they have served as an LPO AND are qualified MWS.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard and are qualified MCO.

Detachment POSEIDON:

FULLY QUALIFIED if they have served as an LPO AND are qualified MWS formerly PWS.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified MCO.

For candidates who have converted into the submarine force, the board MUST consider the Sailor's achievements and demonstrated leadership in their previous community when determining if they are BEST QUALIFIED since it is understood they might not have had the opportunity to meet the qualification standard.

Candidates serving or who have served as a 3MC for more than 12 months have met the standard for serving as an LPO or LCPO.

Personnel assigned to RTC, OTC, and Naval Academy as a Recruit Division Commander, are carefully screened and selected for this high-priority assignment.

UIC 4000Y:

FULLY QUALIFIED status should be given if they have served as a Department Leading Petty Officer (LPO).

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND if they are qualified Command Duty Officer (CDO) (Ship's DCPO equivalent).

UICs 45242, 60162, 60163, and 0998L:

FULLY QUALIFIED if they have served as an LPO for greater than 12 months and have qualified their UUV senior in-rate watch of UUV Specialist and CDO (Ship's DCPO equivalent).

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified Mission Control Officer (MCO) (Chief of the Watch (COW) equivalent), (Combat Systems Officer of the Watch (CSOOW) equivalent) AND have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA.

UIC 3992J:

FULLY QUALIFIED if they have served as an LPO for greater than 12 months and have qualified their UUV senior in-rate watch of UUV Pilot.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified Command and Control Watch Officer (C2WO), (COW) equivalent) (Battle Watch Captain (BWC) AG rating equivalent) (Fleet



ETV CAREER PATH (SS)



Intelligence Officer IS rating equivalent) (CSOOW) IT rating equivalent) AND have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA.

Consideration for advancement from E7 to E8

- **FULLY QUALIFIED:**
 - If they have served as LCPO or ANAV at sea for 12 months, AND
 - Qualified DCPO, AND
 - DOOW (21/688/SSBN/SSGN) or Pilot (VACL)
- **BEST QUALIFIED:**
 - If they meet the FULLY QUALIFIED standard, AND
 - Have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA

Candidates must qualify or re-qualify At Sea watches within the required timeframe per the community Continuing Training and Qualifications Manual (CTQM) COMSUBLANT/COMSUBPACINST 3500.3 (Series) to receive credit for best qualified.

Due to the repetitive nature of the Submarine rating billet profiles, repeat tours of similar assignments should not be viewed negatively towards performance and career progression.

For candidates who have only served on one submarine, i.e., follow on sea tours were at Special Projects, a Submarine Tender, or NSW, the board MUST carefully weigh their achievements and demonstrated leadership when determining if they are BEST QUALIFIED since it is understood they might not have had the opportunity to meet the qualification standard.

The following qualification equivalents are to be used for Sailors serving at NSW locations:

UIC 55457 and 55458:

FULLY QUALIFIED if they have served as an LCPO AND are qualified CDO (Ship's DCPO equivalent).

BEST QUALIFIED status should be given to those Sailors who meet the FULLY QUALIFIED standard AND are qualified Navy Expeditionary Warfare Specialist (EXW) AND Small Boat Officer/Surface Support Officer in Charge (SSOIC) (DOOW/PILOT equivalent) OR Dry Deck Shelter (DDS) Lift Captain (COW equivalent).

UIC 0010C and 0995B:

FULLY QUALIFIED if they have served as an LCPO AND are qualified CDO (Ship's DCPO equivalent).

BEST QUALIFIED status should be given to those Sailors who meet the FULLY QUALIFIED standard AND are qualified Navy Expeditionary Warfare Specialist (EXW) AND Dry Combat Submersible (DCS) Maintenance Supervisor (COW equivalent).

The following qualification equivalents are to be used for Sailors serving at the identified Special Project:

Detachment Underwater Research and Development (UR&D):

Fully QUALIFIED if they have served as an LCPO.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified MMP DCPO, MWS, and Research Duty Officer.

Detachment TRITON:

FULLY QUALIFIED if they have served as Cadre LCPO.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard and are qualified MCO.

Detachment POSEIDON:

FULLY QUALIFIED if they have served as Cadre LCPO.



ETV CAREER PATH (SS)



BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified MCO.

For candidates who have converted into the submarine force, the board MUST consider the Sailor's achievements and demonstrated leadership in their previous community when determining if they are BEST QUALIFIED since it is understood they might not have had the opportunity to meet the qualification standard.

Candidates serving or who have served as a 3MC for more than 12 months have met the standard for serving as an LPO or LCPO.

Personnel assigned to RTC, OTC, and Naval Academy as a Recruit Division Commander, are carefully screened and selected for this high-priority assignment.

UIC 4000Y:

FULLY QUALIFIED status should be given if they are qualified the following: Command Duty Officer (Ship's DCPO equivalent).

BEST QUALIFIED if they have served as Department LCPO / Department Head.

UICs 45242, 60162, 60163, and 0998L:

FULLY QUALIFIED if they have served as an LCPO for 12 months and meet the FULLY QUALIFIED and BEST QUALIFIED standards for advancement from E6 to E7.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified MCO (COW equivalent) (Combat Systems Officer of the Watch (CSOOW) equivalent), Command Duty Officer (Ship's DCPO equivalent) AND have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA.

UIC 3992J:

FULLY QUALIFIED if they have served as an LCPO for 12 months and meet the FULLY QUALIFIED and BEST QUALIFIED standards for advancement from E6 to E7.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified C2WO, (COW equivalent) (BWC AG rating equivalent) (Fleet Intelligence Officer IS rating equivalent) (CSOOW IT rating equivalent) AND have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA.

Consideration for advancement from E8 to E9

- FULLY QUALIFIED:
 - If they have completed a tour as ANAV or Qualified COB, AND
 - Qualified DOOW (21/688/SSBN/SSGN) or Pilot (VACL)
- BEST QUALIFIED:
 - If they meet the FULLY QUALIFIED standard, AND
 - Are serving as COB or qualified COB, AND
 - Have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA

Special consideration should be given for serving as COB overqualified COB.

Candidates must qualify or re-qualify At Sea watches within the required timeframe per the community Continuing Training and Qualifications Manual (CTQM) COMSUBLANT/COMSUBPACINST 3500.3 (Series) to receive credit for best qualified.

Due to the repetitive nature of the Submarine rating billet profiles, repeat tours of similar assignments should not be viewed negatively towards performance and career progression.



ETV CAREER PATH (SS)



For candidates who have only served on one submarine, i.e., follow on sea tours were at Special Projects, a Submarine Tender, or NSW, the board, **MUST** carefully weigh their achievements and demonstrated leadership when determining if they are **BEST QUALIFIED** since it is understood they might not have had the opportunity to meet the qualification standard.

For candidates who have converted into the submarine force, the board **MUST** consider the Sailor's achievements and demonstrated leadership in their previous community when determining if they are **BEST QUALIFIED** since it is understood they might not have had the opportunity to meet the qualification standard.

Candidates serving or who have served as a 3MC for greater than 12 months have met the standard for having served as an LPO or LCPO.

The following qualification equivalents are to be used for Sailors serving at NSW locations:

UIC 55457, 55458, 0995B, and 0010C:

FULLY QUALIFIED status should be given if they have served as a Senior Enlisted Advisor (SEA).

BEST QUALIFIED status should be given if they are qualified Chief of the Boat **AND** have a history of sustained superior performance defined as a majority of their Individual Trait Averages **ABOVE** RSCA.

Personnel assigned to RTC, OTC, and Naval Academy as a Recruit Division Commander, are carefully screened and selected for this high-priority assignment.

UICs 4000Y, 45242, 60162, 60163, 0998L, and 3992J:

FULLY QUALIFIED if they meet the **FULLY QUALIFIED** and **BEST QUALIFIED** standards for advancement from E7 to E8.

BEST QUALIFIED if they meet the **FULLY QUALIFIED** standard **AND** are qualified Chief of the Boat **AND** have a history of sustained superior performance defined as a majority of their Individual Trait Averages **ABOVE** RSCA.