



## 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.

<b>YEARS OF SERVICE</b>	<b>CAREER MILESTONES</b>	<b>AVERAGE TIME TO ADVANCE</b>	<b>COMMISSIONING OR OTHER SPECIAL PROGRAMS</b>	<b>SEA/ SHORE FLOW</b>	<b>TYPICAL CAREER PATH DEVELOPMENT</b>
26-30	ETVCM	20 Yrs	FORCM, CSEL, COB/CMC Program	36	4 <sup>th</sup> Shore Tour Billet: CSEL Duty: TYCOM /SQD/CTF/GRP
23-26	ETVCM ETVCS	20 Yrs 16	CSEL, COB/CMC Program	36	4 <sup>th</sup> Sea Tour Billet: COB/ANAV/3MC/LCPO Duty: Submarine/Special Projects Qualification: DOOW/ Pilot/MCO/ DCPO/SWDO
20-23	ETVCM ETVCS ETVC	20 Yrs 16 11.9	CSEL, ECM	36	3 <sup>rd</sup> Shore Tour Billet: CSEL/TYCOM/SSP/CTF/ SQD/Instructor/GRP Duty: TYCOM/SQD/SRS/GRP School House/Special Projects Qualification: TRE, SEAC, MTS, CDO.
16-20	ETVCS ETVC ETV1	16 Yrs 11.9 7.5	CSEL, COB, CWO, OCS, MECP	36	3 <sup>rd</sup> Sea Tour Billet: COB/ANAV/LCPO/3MC Duty: Submarine/Special Projects/ Submarine Tender Qualification: DOOW/Pilot/MCO/COW/ MWS/DCPO/SWDO
12-16	ETVCS ETVC ETV1	16 Yrs 11.9 7.5	CSEL, LDO, OCS, MECP	36	2 <sup>nd</sup> Shore Tour Billet: TYCOM/SQD/CTF/NPC/GRP Instructor/ Special Projects Duty: Staff/School House Qualification: TRE/SEAC/MTS/CDO
8-12	ETVC ETV1	11.9 Yrs 7.5		42	2 <sup>nd</sup> Sea Tour Billet: ANAV/LCPO/LPO Duty: Submarine/Special Projects/ Submarine Tender Qualification: ANAV/DOOW/Pilot/MCO DCPO/COW/MWS/NAVCTR SUP
4-8	ETV1 ETV2 ETV3	7.5 Yrs 3.6 1.5	STA-21, OCS, MECP	36	1 <sup>st</sup> Shore Tour Billet: RDC/Recruiting/Instructor/CTF/SRS Duty: RTC/School House/CTF/IMF Qualification: MTS/RDO/ASEAC/CDO
1-4	ETV2 ETV3	3.6Yrs 15	Naval Academy, NROTC	48	1 <sup>st</sup> Sea Tour Billet: Operator/Technician Duty: Submarine Qualification: QMOW/ NAVSUP /NAVWATCH /BDW/Submarine Warfare
1+/-	ETV3 ETVSN ETVSA Accession Training	1.8 Yrs 8 Months			Recruit Training and all schools or training events must be completed before reporting to their first operational command.



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Notes:

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:

ANAV:	Assistant Navigator
ASEAC:	Assistant Submarine Exercise Area Coordinator
BDW:	Below Decks Watch
C2WO:	Command and Control Watch Officer
CDO:	Command Duty Officer
CRE:	Combat Readiness Evaluation
COB:	Chief of the Boat
COW:	Chief of the Watch
DOOW:	Diving officer of the Watch
MCO	Mission Control Officer
MMP DCPO:	Mission Duty Chief
MWS	Mission Watch Supervisor
NAVSUP:	Navigation Supervisor
NAVWATCH:	Navigation Center Watch
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

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
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

5. Advancement in the ETV rating is enhanced by superior performance documented in the candidate's evaluations for the following:

- a. Command Impact
- b. TRE/Inspection performance/results
- c. Squadron rankings
- d. Command rankings
- e. Critical Billets (TYCOM/GRP/ISIC/Forward Deployed Naval Forces/Oversea)
- f. Squadron recognized unit awards
- g. Significant Contributions to rating (AERR, TRR, Instructor, Inspection Team)
- h. Having served successfully as the Department LCPO at sea (Minimum 12 months)
- i. TYCOM, GROUP, ISIC, Shore Command Leading/Department LCPO



## ETV CAREER PATH (SS)



### **Consideration for advancement from E6 to E7**

- **FULLY QUALIFIED:**
  - If they have served as an LPO or ANAV for greater than 12 months, and
  - Have the following qualifications:
    1. QMOW
    2. NAVSUP (ALL CLASSES)
    3. NAVCENTER Supervisor (SSBN only)
- **BEST QUALIFIED:**
  - If they meet the FULLY QUALIFIED standard, AND
  - Are qualified, COW (688/SSBN/SSGN) or Duty Chief Petty Officer (VACL), AND
  - Are qualified 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 fully and 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 or a Submarine Tender, 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 the identified Special Project:

#### **Detachment UR&D:**

Fully QUALIFIED if they have served as an LPO AND are qualified either STBD TMS, OR ROV Pilot, OR PPHL, or Mission Navigation Watch, OR EES1 Technician.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified either MMP DCPO.

#### **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 either 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.



## ETV CAREER PATH (SS)



### **UIC 45242, 60162, and 60163:**

FULLY QUALIFIED if they have served as an LPO at UUVRON-1 and have qualified their UUV senior in-rate watch of UUV Specialist and CDO (Ship's DCPO equivalent). BEST QUALIFIED status should be given to those Sailors qualified MCO.

### **UIC 4000Y:**

FULLY QUALIFIED if they have served as an LPO at UUVRON-1 and have qualified their UUV senior in-rate watch of UUV Pilot. BEST QUALIFIED status should be given to those Sailors qualified C2WO.

### **Consideration for advancement from E7 to E8**

- FULLY QUALIFIED:
  - If they have served as an LCPO or ANAV for 12 months, AND
  - Meet the BEST QUALIFIED standard for E6 to E7.
- BEST QUALIFIED:
  - If they meet the FULLY QUALIFIED standard, AND
  - Are qualified DOOW (688/SSBN/SSGN) or PILOT (VACL), 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 fully and 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 or a Submarine Tender, 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 the identified Special Project:

### **Detachment 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.

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



## ETV CAREER PATH (SS)



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

**UIC 45242, 60162, and 60163:**

FULLY QUALIFIED if they have served as an LCPO. BEST QUALIFIED status should be given if they are qualified the following: MCO and CDO.

**UIC 4000Y:**

FULLY QUALIFIED if they have served as an LCPO. BEST QUALIFIED status should be given if they are qualified the following: C2WO and CDO.

### **Consideration for advancement from E8 to E9**

- FULLY QUALIFIED:
  - If they have completed a tour as ANAV, AND
  - Meet the BEST QUALIFIED standard for E7 to E8, AND
  - Are qualified COB.
- BEST QUALIFIED:
  - If they meet the FULLY QUALIFIED standard, AND
  - Have served as COB for 12 months, 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 fully and 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 or a Submarine Tender, 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.

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, 45242, 60162, and 60163:**

FULLY QUALIFIED and BEST QUALIFIED status should be given if qualified COB.