



ETV CAREER PATH (SS)



Electronic Technicians receive extensive training in the operation and maintenance of 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. At sea, operates, maintains, repairs, and tests navigation and interior communications equipment. ETV assist the Officer of the Deck and the Navigator in all aspects of surfaced and submerged navigation. Ashore, 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	21.2 Yrs	FORCM, CSEL, COB/CMC Program	36	4 th Shore Tour Billet: CSEL Duty: TYCOM /SQD/CTF/GRP
23-26	ETVCM ETVCS	21.2 Yrs 16.3	CSEL, COB/CMC Program	36	4 th Sea Tour Billet: COB/ANAV/LCPO Duty: Submarine/Special Projects Qualification: DOOW/ Pilot/MCO/ DCPO/SWDO
20-23	ETVCM ETVCS ETVC	21.2 Yrs 16.3 11.9	CSEL, ECM	36	3 rd Shore Tour Billet: CSEL/TYCOM/SSP/CTF/ SQD/Instructor/GRP Duty: TYCOM/SQD/NSSC/GRP School House/Special Projects Qualification: CRE, SEAC, MTS, CDO.
16-20	ETVCS ETVC ETV1	16.3 Yrs 11.9 7.5	CSEL, CWO, OCS, MECP	36	3 rd 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	16.3 Yrs 11.9 7.5	CSEL, LDO, OCS, MECP	36	2 nd Shore Tour Billet: TYCOM/SQD/CTF/NPC/GRP Instructor/ Special Projects Duty: Staff/School House Qualification: CRE/SEAC/MTS/CDO
8-12	ETVC ETV1	11.9 Yrs 7.5		42	2 nd Sea Tour Billet: ANAV/LCPO/LPO Duty: Submarine/Special Projects/ Submarine Tender Qualification: ANAV/DOOW/Pilot/MCO DCPO/COW/MWS/NAVSUP/NAVCTR SUP
4-8	ETV1 ETV2 ETV3	7.5 Yrs 3.6 1.8	STA-21, OCS, MECP	36	1 st Shore Tour Billet: RDC/Recruiting/Instructor/CTF/NSSC Duty: RTC/School House/CTF/IMF Qualification: MTS/RDO/ASEAC/CDO
1-4	ETV2 ETV3	3.6Yrs 1.8	Naval Academy, NROTC	48	1 st Sea Tour Billet: Operator/Technician Duty: Submarine Qualification: QMOW/NAVWATCH /BDW/Submarine Warfare
1+/-	ETV3 ETVSN ETVSA Accession Training	1.8 Yrs 8 Months			Recruit Training and all schools or training events required to be completed prior to 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:

COB:	Chief of the Boat
ANAV:	Assistant Navigator
COW:	Chief of the Watch
DOOW:	Diving officer of the Watch
BDW:	Below Decks Watch
SEAC:	Submarine Exercise Area Coordinator
ASEAC:	Assistant Submarine Exercise Area Coordinator
RDO:	Repair Duty Officer
SSP:	Strategic Systems Programs
CRE:	Combat Readiness Evaluation
SWDO:	Strategic Weapons Duty Officer
NAVSUP:	Navigation Supervisor
NAVWATCH:	Navigation Center Watch
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
T26A:	Electronics Technician Trident II SWS D-5 Backfit/SWS Navigation Maintenance Tech
T27A:	Electronics Technician Trident II SWS D-5 Backfit/SWS Navigation Operator
T30A:	SSBN SSI INC 4 Electronics Technician Journeyman
T31A:	SSBN SSI4 Electronics Technician Navigation Maintainer
T38A:	Strategic Weapons System Master Chief (SWSMC)

Consideration for advancement from E6 to E7

- FULLY QUALIFIED if they have served as a LPO for greater than 12 months and have the following qualifications: QMOW, Navigation Supervisor (ALL CLASSES), NAVCENTER Supervisor (SSBN only).
- BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified ANAV AND are qualified COW (688/SSBN/SSGN) or Duty Chief Petty Officer (VACL) AND have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE RSCA.

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.



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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 a LPO AND are qualified either STBD Tethered Management System (TMS), OR 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 a LPO AND are qualified Mission Watch Supervisor (MWS).

BEST QUALIFIED if they meet the FULLY QUALIFIED standard and are qualified Mission Control Officer (MCO) or COW/DCPO as stated above.

Detachment POSEIDON:

FULLY QUALIFIED if they have served as a LPO AND are qualified Mission Watch Supervisor (formerly Projects Watch Supervisor (PWS)).

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified either MCO or COW/DCPO as stated above.

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.

Consideration for advancement from E7 to E8

- FULLY QUALIFIED if they have served as a LCPO or ANAV for 12 months and are qualified COW (688/SSBN/SSGN), or Duty Chief Petty Officer (VACL).
- 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.

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 a LCPO.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard AND are qualified Mission Duty Chief (MMP DCPO), Mission Watch Supervisor, and Research Duty Officer or DOOW/PILOT as stated above.

Detachment TRITON:

FULLY QUALIFIED if they have served as Cadre LCPO.

BEST QUALIFIED if they meet the FULLY QUALIFIED standard and are qualified Mission Control Officer (MCO) or DOOW/PILOT as stated above.



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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 or DOOW/PILOT as stated above.

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.

Consideration for advancement from E8 to E9

- FULLY QUALIFIED if they have served as a LCPO or ANAV for 12 months and are qualified ANAV and DOOW (688/SSBN/SSGN) or PILOT (VACL).
- 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.

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 a 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.