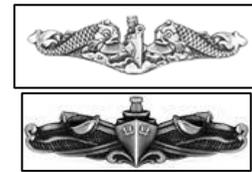
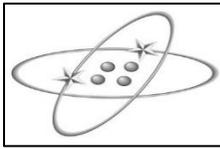


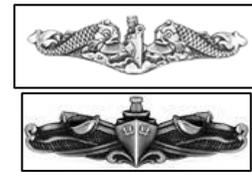
ETN CAREER PATH (SS AND SW)



<p>Electronics Technicians (Nuclear) are involved in the supervision, operation, maintenance, and administration of naval nuclear propulsion plants and associated equipment. They have a thorough understanding of reactor, electrical, and mechanical theory involved in the operation of the nuclear reactor, steam plant, propulsion plant, and auxiliary equipment. They operate and perform maintenance on electronic and mechanical equipment used for reactor control, instrumentation, measurement, alarm, warning power distribution, protection, and airborne particulate radiation detection systems.</p>					
YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE 4 YR AVG.	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	ETNCM	19 Yrs	CSEL	36	4th Shore Tour Billet: CSEL/Plant Master Chief/Staff Inst./Maint.Sup. Duty: NPTU/NFAS/NPS/IMA/Staff. Qualification: NEC N13S/N23S, N31Z/N32Z, N33Z
24-25	ETNCM	19 Yrs	CSEL	40	4th Sea Tour Billet: CSEL/Dept LCPO/EDMC/RDMC. Duty: SSN/SSBN/SSGN (N13S)/CVN (N23S). Qualification: NEC N13S/N23S, N31Z/N32Z, N33Z
21-23	ETNCM	19 Yrs	CSEL	36	3rd Shore Tour Billet: Inst./Maint. Sup./Staff/Recruiter. Duty: NPTU/NFAS/NPS/IMA/Staff/Recruiting. Qualification: NEC N13S/N23S, N31Z/N32Z, N33Z
18-20	ETNCM ETNCS	19 Yrs 15 Yrs	CSEL	40	3rd Sea Tour Billet: Dept LCPO/EDMC/Div LCPO. Duty: SSN/SSBN/SSGN (N13S)/CVN (N23S). Qualification: NEC N13S/N23S, N31Z/N32Z, N33Z
14-17	ETNCS	15 Yrs	LDO, CSEL	36	2nd Shore Tour Billet: Inst./Ship and Component Maint. Tech./Staff/Recruiter. Duty: NPTU/NFAS/NPS/IMA/Staff/Recruiting. Qualification: NEC N13S/N23S, N32Z, N33Z
10-13	ETNC	10 Yrs	LDO	40	2nd Sea Tour Billet: Division LPO/Asst. LPO/Division LCPO. Duty: SSN/SSBN/SSGN (N13S)/CVN (N23S). Qualification: NEC N13S/N23S, N32Z, N33Z
7-9	ETN1	6 Yrs	STA-21(N), LDO	36	1st Shore Tour Billet: Inst./Maint. Tech/Recruiter. Duty: NPTU/NFAS/NPS/IMA/Recruiting/RDC. Qualification: NEC N13S/N23S
3-6	ETN1 ETN2	6 Yrs 3 Yrs	STA-21(N), USNA	48	1st Sea Tour Billet: Reactor Plant Operator/Maint. Tech. Duty: SSN/SSBN/SSGN (N13O)/CVN (N23O). Qualification: Senior in Rate/Warfare Qualification/Supervisor NEC N13S/N23S
1-2	ETN3 Accession Training	24 wks "A" School Completion	STA-21(N), USNA	N/A	Recruit/Apprenticeship Training (up to 82 weeks) Duty: RTC/NFAS/NPS/NPTU. (Some will have 24-month Junior Staff Instructor tour at NPTU). Qualification: NEC N91T



ETN CAREER PATH (SS AND SW)



Notes:

1. ETNs are rarely detailed outside the nuclear community.
2. The nuclear community values sustained, superior performance at sea in a leadership role (e.g. Leading Petty Officer (LPO), Leading First, etc.) and on shore duty (training, maintenance, recruiting, Recruit Division Commander, etc.).
3. Variety of experience and success in various positions are beneficial to our future leadership positions. Those assigned to Forward Deployed Naval Forces (FDNF) and Courier Positions are specially screened.

Candidates for advancement from E6 to E7 for ETNSS are:

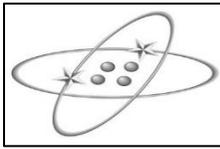
- a. **FULLY QUALIFIED** if:
 - 1) They possess a supervisor NEC (N13S) AND
 - 2) Previously or currently qualified Engineering Watch Supervisor or Propulsion Plant Watch Supervisor as evidenced by holding the N33Z NEC.
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND:
 - 1) Served as LPO, Assistant LPO, Leading First, or Engineering Department Training Assistant for 12 or more months OR
 - 2) Have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE Reporting Senior Cumulative Average.
- c. **NOT ELIGIBLE:** Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to CPO. Per reference BUPERSINST 1430.16, members who have a special category NEC (N59X for submarines) are also not eligible for selection to CPO.
- d. **AMPLIFYING INFORMATION:**
 - 1) Few may qualify as Training Engineering Officer of the Watch (T-EOOW) or EOOW Training Assistant (ETA) at a Nuclear Power Training Unit (NPTU), which is normally stood by a commissioned officer. T-EOOW and ETA require significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.
 - 2) Few may qualify as Chief of the Watch (COW), Diving Officer of the Watch (DOOW), or Pilot (Virginia Class), but these non-nuclear qualifications are not a prerequisite for advancement.
 - 3) Few may qualify as Radiological Controls Shift Supervisor (RCSS) on a Submarine Tender. RCSS requires significant leadership ability and technical knowledge.

Candidates for advancement from E7 to E8 for ETNSS are:

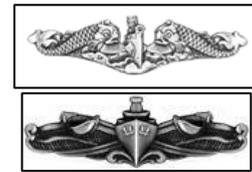
- a. **FULLY QUALIFIED** if:
 - 1) They meet the **FULLY QUALIFIED** and **BEST QUALIFIED** standards for advancement from E6 to E7.
 - 2) NEC N13S have obtained the Engineering Department Master Chief (EDMC) qualification (NEC N32Z).
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND
 - 1) NEC N13S are serving or served as Leading Chief Petty Officer (LCPO) on a submarine OR Leading Crew Chief (LCC) at an NPTU for 12 months or more.
- c. **NOT ELIGIBLE:** Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to SCPO. Per BUPERSINST 1430.16, members who have a special category NEC (N59X) are not eligible for selection to SCPO.
- d. **AMPLIFYING INFORMATION:**
 - 1) Few may qualify as Chief of the Watch (COW), Diving Officer of the Watch (DOOW), or Pilot (Virginia Class), but these non-nuclear qualifications are not a prerequisite for advancement.
 - 2) Few may qualify as T-EOOW or EOOW Training Assistant (ETA) at NPTU, which is normally stood by a commissioned officer. T-EOOW and ETA require significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.

Candidates for advancement from E8 to E9 for ETNSS are:

- a. **FULLY QUALIFIED** if:
 - 1) They meet the **FULLY QUALIFIED** and **BEST QUALIFIED** standards for advancement from E7 to E8.



ETN CAREER PATH (SS AND SW)



- 2) NEC N13S are serving or served as EDMC.
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND
 - 1) Have served as an EDMC for 12 months or more.
- c. **NOT ELIGIBLE**: Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to MCPO. Per BUPERSINST 1430.16, members who have a special category NEC (N59X) are not eligible for selection to MCPO.
- d. **AMPLIFYING INFORMATION**:
 - 1) Few may qualify as COW, DOOW, or Pilot (Virginia Class), but these non-nuclear qualifications are not a prerequisite for advancement.
 - 2) Few may qualify as T-EOOW or EOOW Training Assistant (ETA) at NPTU, which is normally stood by a commissioned officer. T-EOOW and ETA requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.

Candidates for advancement from E6 to E7 for ETNSW are:

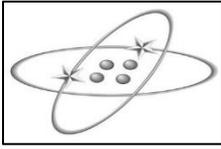
- a. **FULLY QUALIFIED** if:
 - 1) They possess a supervisor NEC (N23S) AND
 - 2) Previously or currently qualified Engineering Watch Supervisor or Propulsion Plant Watch Supervisor as evidenced by holding the N33Z NEC.
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND:
 - 1) Served as LPO, Assistant LPO, or Leading First for 12 or more months OR
 - 2) Have a history of sustained superior performance defined as a majority of their Individual Trait Averages ABOVE Reporting Senior Cumulative Average.
- c. **NOT ELIGIBLE**: Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to CPO. Per reference BUPERSINST 1430.16, members who have a special category NEC (N89X for surface) are also not eligible for selection to CPO.
- d. **AMPLIFYING INFORMATION**:
 - 1) Few may qualify as Training Engineering Officer of the Watch (T-EOOW) or EOOW Training Assistant (ETA) at a Nuclear Power Training Unit (NPTU), which is normally stood by a commissioned officer. T-EOOW and ETA requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.
 - 2) Few may qualify as Radiological Controls Shift Supervisor (RCSS) on a Submarine Tender. RCSS requires significant leadership ability and technical knowledge.

Candidates for advancement from E7 to E8 ETNSW are:

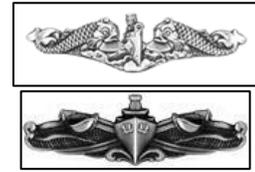
- a. **FULLY QUALIFIED** if:
 - 1) They meet the **FULLY QUALIFIED** standards for advancement from E6 to E7.
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND
 - 1) Are serving or served as Reactor Controls or Reactor Networks CPO or LCPO on an aircraft carrier OR LCC at an NPTU for 12 months or more.
- c. **NOT ELIGIBLE**: Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to SCPO. Per BUPERSINST 1430.16, members who have a special category NEC (N89X for surface) are not eligible for selection to SCPO.
- d. **AMPLIFYING INFORMATION**:
 - 1) Few may qualify as Propulsion Plant Watch Officer (PPWO), which is normally stood by a commissioned officer. PPWO requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.
 - 2) Few may qualify as T-EOOW or EOOW Training Assistant (ETA) at NPTU, which is normally stood by a commissioned officer. T-EOOW and ETA requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.

Candidates for advancement from E8 to E9 ETNSW are:

- a. **FULLY QUALIFIED** if:
 - 1) They meet the **FULLY QUALIFIED** standards for advancement from E7 to E8.
 - 2) Have obtained the Reactor Department Master Chief (RDMC) qualification (NEC N31Z).



ETN CAREER PATH (SS AND SW)



- 3) Have served as Divisional LCPO (Reactor Mechanical, Reactor Electrical, Reactor Controls, Reactor Propulsion, or Reactor Laboratories) or Reactor Training Division Officer on an aircraft carrier OR Staff Training Group LCPO or LCC at NPTU.
- b. **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND
 - 1) Have served as Divisional LCPO or Reactor Training Division Officer on an aircraft carrier OR Staff Training Group LCPO or LCC at NPTU for 12 months or more.
- c. **NOT ELIGIBLE:** Per BUPERSINST 1430.16, members participating in a commissioning program (STA-21 Nuclear/Core) are not eligible for advancement to MCPO. Per BUPERSINST 1430.16, members who have a special category NEC (N89X for surface) are not eligible for selection to MCPO.
- d. **AMPLIFYING INFORMATION:**
 - 1) Few may qualify as PPWO, which is normally stood by a commissioned officer. PPWO requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.
 - 2) Few may qualify as T-EOOW or EOOW Training Assistant (ETA) at NPTU, which is normally stood by a commissioned officer. T-EOOW and ETA requires significant leadership ability and in-depth understanding of reactor plant operations. Only the best complete this qualification.