



## FT CAREER PATH (SS)



Fire Control Technicians (FTs). FTs receive extensive training in the operation and maintenance of advanced electronic equipment and computers used in submarine combat control and weapons systems. Responsible for the operation, routine care, repair, and management of global satellite and local databases, computer local area networks (LANs), and complex electronic and electro-mechanical equipment. FTs are a vital element in the accurate employment of Navy-guided missiles and underwater weapon systems.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	FTCM	20.8 Yrs	FORCM, COB/CMC Program, CSEL	36	4 <sup>th</sup> Shore Tour Billet: COB Duty: TYCOM/GRP/SQD/ BUPERS/NPC/COB
23-26	FTCM FTCS	20.8 Yrs 16.7	COB/CMC Program, CSEL	42	4 <sup>th</sup> Sea Tour Billet: Dept LCPO/3MC/COB Duty: Submarine Qualification: COW/DCPO/ DOOW/Pilot/COB
20-23	FTCM FTCS FTC	20.8 Yrs 16.7 11.9	CWO, COB/CMC Program, ECM, CSEL	36	3 <sup>rd</sup> Shore Tour Billet: Dept. LCPO/IMA Duty: TYCOM/GRP/SQD/ NSSC/BUPERS/NPC Qualification: MTS (Tour/Duty Dependent)
16-20	FTCS FTC FT1	16.7 Yrs 11.9 7.6	LDO, CWO, OCS, MECP, CSEL, COB	36	3 <sup>rd</sup> Sea Tour Billet: Dept. LCPO/COB Duty: Submarine/Submarine Tender Qualification: DOOW/COW/ DCPO/Pilot
12-16	FTCS FTC FT1	16.7 Yrs 11.9 7.6		36	2 <sup>nd</sup> Shore Tour Billet: Dept. LCPO/Instructor/IMA. Duty: School House/TYCOM/ GRP/SQD/NSSC Qualification: MTS (Tour/Duty Dependent)
8-12	FTC FT1 FT2	11.9 Yrs 7.6 3.8		42	2 <sup>nd</sup> Sea Tour Billet: Maintenance Technician, LCPO/LPO Duty: Submarine/Submarine Tender Qualification: COW/DCPO/ DOOW/Pilot/Contact Manager/ FTOW/QA Safety Observer
4-8	FT1 FT2 FT3	7.6 Yrs 3.8 1.8	STA-21, OCS, MECP	36	1 <sup>st</sup> Shore Tour Billet: Instructor, Recruiting, IMA, RDC, Strike Support Team. Duty: School House/RTC/NSSC. Qualification: MTS (Tour/Duty Dependent)
1-4	FT2 FT3	3.8 Yrs 1.8	Naval Academy, NROTC	54	1 <sup>st</sup> Sea Tour Billet: Operator, Maintenance Technician Duty: Submarine Qualification: Submarine Warfare, FTOW, BDW, POOD, Team Leader
1+/-	FTSN FTSA Accession Training	9 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
COW:	Chief of the Watch
DCPO:	Duty Chief Petty Officer
DOOW:	Diving Officer of the Watch
FTOW:	Fire Control Technician of the Watch
CRE:	Combat Readiness Evaluation
BDW:	Below Decks Watch
POOD:	Petty Officer of the Deck
3MC:	Maintenance Material Management Coordinator
ECM:	Enlisted Community Manager
QA/SO:	Quality Assurance Safety Observer
4. Rating NECs:
 

T07A:	Master Fire Control Technician
T01A:	CCS MK2 BLK 1 (all MODs) Maintenance Technician
T02A:	AN/BYG-1 (V) TI04 Combat Control Maintenance Technician
T03A:	SSGN Tactical Tomahawk Weapon Control System (TTWCS) Operator
T04A:	SSGN Tactical Tomahawk Weapon System (TTWCS) Maintenance Technician
T05A:	TRIDENT MK-118 Combat Control System Maintenance Technician
T06A:	Fire Control Technician Basic Maintainer
T07A:	Master Fire Control Technician
T08A:	Combat Control, Sonar and Architecture (CC/S/A) Equipment Technician
T09A:	AN/BYG-1 (V)9 TI-10 Combat Control Maintenance Technician
T10A:	AN/BYG-1(V) TI-12/14 Maintainer
T49A:	AN/BYG-1 (V) TI-16/TI-18 Maintainer

### **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: FTOW, Surfaced Contact Manager, Submerged Contact Manager, and Team Leader
- **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard **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.

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.



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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.

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

- FULLY QUALIFIED if they have served as a LCPO for 12 months and are qualified Surfaced Contact Manager, Submerged Contact Manager, QA/SO, and COW (688/SSBN/SSGN) or Duty Chief Petty Office (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 at 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.

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.



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Detachment TRITON:  
FULLY QUALIFIED if they have served as a Cadre LCPO.

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

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.

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

- FULLY QUALIFIED if they have served as a LCPO for 12 months and are qualified Surfaced Contact Manager, Submerged Contact Manager, QA/SO, 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.