



FT CAREER PATH (SS)



Fire Control Technicians receive extensive training in operating and maintaining 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	20.6 Yrs	FORCM, COB/CMC Program, CSEL	36	4 th Shore Tour Billet: CSEL Duty: TYCOM/GRP/SQD/BUPERS/NPC
23-26	FTCM FTCS	20.6 Yrs 16.6	COB/CMC Program, CSEL	36	4 th Sea Tour Billet: LCPO/3MC/COB Duty: Submarine/Surface Ship Qualification: COW/DCPO/DOOW/Pilot
20-23	FTCM FTCS FTC	20.6 Yrs 16.6 12	COB/CMC Program, CSEL, ECM	36	3 rd Shore Tour Billet: LCPO/IMA Duty: TYCOM/GRP/SQD/SRS/BUPERS/NPC/School House Qualification: MTS
16-20	FTCS FTC FT1	16.6 Yrs 12 7.6	CSEL, COB, LDO, CWO, OCS, MECP	36	3 rd Sea Tour Billet: LCPO/3MC/COB Duty: Submarine/Submarine Tender Qualification: DOOW/COW/DCPO/Pilot
12-16	FTCS FTC FT1	16.6 Yrs 12 7.6		36	2 nd Shore Tour Billet: LCPO/Instructor/IMA. Duty: School House/TYCOM/GRP/SQD/SRS Qualification: MTS
8-12	FTC FT1 FT2	12 Yrs 7.6 3.9		42	2 nd Sea Tour Billet: Maintenance Technician, LCPO/LPO Duty: Submarine/Submarine Tender Qualification: COW/DCPO/DOOW/Pilot /FTOW/QA Safety Observer
4-8	FT1 FT2 FT3	7.6 Yrs 3.9 1.9	STA-21, OCS, MECP	36	1 st Shore Tour Billet: Instructor, Recruiting, IMA, RDC, Strike Support Team Duty: School House/RTC/SRS Qualification: MTS
1-4	FT2 FT3	3.9 Yrs 1.9	Naval Academy, NROTC	54	1 st Sea Tour Billet: Operator, Maintenance Technician Duty: Submarine Qualification: Submarine Warfare, FTOW, BDW, POOD
1+/-	FTSN FTSA Accession Training	9 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. Rating NECs:

T03A:	SSGN Tactical Tomahawk Weapon Control System (TTWCS) Operator
T04A:	SSGN Tactical Tomahawk Weapon System (TTWCS) Maintenance Technician
T07A:	Master Fire Control Technician
T49A:	AN/BYG-1 Maintainer
737B:	SSN 719-773 Submarine Vertical Launch System Tube Maintenance Technician
738A:	Global Command Control System-Maritime (GCCS-M) System Administrator

4. 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
CSEL:	Command Senior Enlisted Leader
CWO:	Chief Warrant Officer
3MC:	Maintenance Material Management Coordinator
ECM:	Enlisted Community Manager
MTS:	Master Training Specialist
TRE:	TYCOM Readiness Evaluation

5. Advancement in the FT 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

Consideration for advancement from E6 to E7

- FULLY QUALIFIED:
 - Served as an LPO for greater than 12 months, AND
 - Have all of the following qualifications:
 1. FTOW
 2. 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.



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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 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 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 45242, 60162, and 60163:

E-6 to E-7: **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 Command Duty Officer (CDO) (Ship's DCPO equivalent). **BEST QUALIFIED** status should be given to those Sailors qualified Mission Control Officer (MCO) (COW equivalent).

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 and Command Duty Officer (CDO) (Ship's DCPO equivalent). **BEST QUALIFIED** status should be given to those Sailors qualified Command and Control Watch Officer (C2WO).

Consideration for advancement from E7 to E8

- **FULLY QUALIFIED:**
 - If they have served as an LCPO at sea for 12 months, AND
 - Are qualified COW (688/SSBN/SSGN) or Duty Chief Petty Officer (VACL), AND
 - Are qualified QASO.
- **BEST QUALIFIED:**
 - If they meet the **FULLY QUALIFIED** standard, AND
 - Are qualified Duty Chief Petty Officer and DOOW (688/SSBN/SSGN) or Pilot and Co-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.



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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 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: Mission Control Officer (MCO) (COW equivalent) and Command Duty Officer (Ship's DCPO equivalent).

UIC 4000Y:

FULLY QUALIFIED if they have served as an LCPO. **BEST QUALIFIED** status should be given if they are qualified the following: Command and Control Watch Officer (C2WO), (COW equivalent), and Command Duty Officer (Ship's DCPO equivalent).

Consideration for advancement from E8 to E9

- **FULLY QUALIFIED:**
 - If they have served as an LCPO at sea for 12 months, AND
 - Are qualified Duty Chief Petty Officer and DOOW (688/SSBN/SSGN) or Pilot and Co-Pilot (VACL)
- **BEST QUALIFIED:**
 - If they meet the **FULLY QUALIFIED** standard, AND
 - Are qualified COB, 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 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, 45242, 60162, and 60163:

FULLY QUALIFIED and **BEST QUALIFIED** status should be given if qualified Chief of the Boat.