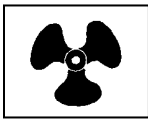


MMA CAREER PATH (SS)



Machinist's Mate Non-Nuclear, Submarine Auxiliary receive extensive training in the operation and maintenance of hydraulic power plants, hoists and cylinders, oxygen generators, atmosphere control equipment, refrigeration systems, emergency diesel engines, pressurized air systems, and plumbing systems. Responsible for the operation, routine care, and repair of submarine auxiliary systems and firefighting and damage control equipment, these mechanical specialists are vital elements in the day-to-day operation and combat survivability of the submarine.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	MMACM	20.8 Yrs	FORCM, COB/CMC Program, CSEL	36	4 th Shore Tour Billet: CSEL Duty: TYCOM/GRP/SQD/NSSC/BUPERS/NPC
23-26	MMACM MMACS	20.8 Yrs 16.7	COB/CMC Program, CSEL	42	4 th Sea Tour Billet: LCPO/3MC/COB/CSEL Duty: Submarine/Submarine Tender/NSW/SDV Qualification: DCPO/COW/DOOW/Pilot
20-23	MMACM MMACS MMAC	20.8 Yrs 16.7 13.2	CWO, CSEL, COB/CMC Program ECM	36	3 rd Shore Tour Billet: CSEL/IMA/Instructor/ Staff. Duty: TYCOM/GRP/SQD/NSSC/School House/BUPERS/NPC/NSW/SDV Qualification: MTS/DEI
16-20	MMACS MMAC MMA1	16.7 Yrs 13.2 7.6	LDO, CWO, OCS, MECP, COB, CSEL, DEI	48	3 rd Sea Tour Billet: LCPO/COB/3MC Duty: Submarine/Submarine Tender/NSW/SDV Qualification: DCPO/COW/DOOW/Pilot
12-16	MMACS MMAC MMA1	16.7 Yrs 13.2 7.6		36	2 nd Shore Tour Billet: Instructor/IMA/RDC/Staff Duty: TYCOM/GRP/SQD/NSSC/School House/RTC/NSW/SDV Qualification: MTS/DEI
8-12	MMAC MMA1 MMA2	13.2 Yrs 7.6 3.4		54	2 nd Sea Tour Billet: LPO/LCPO Duty: Submarine/Submarine Tender/NSW/SDV Qualification: DCPO/COW/DOOW/Pilot/AMR or AMR2/Diesel operator
4-8	MMA1 MMA2 MMA3	7.6 Yrs 3.4 1.8	STA-21, OCS, MECP	36	1 st Shore Tour Billet: RDC/Instructor/IMA Duty: RTC/School House/NSSC/NSW/SDV Qualification: MTS
1-4	MMA2 MMA3	3.4 Yrs 1.8	Naval Academy, NROTC	52	1 st Sea Tour Billet: Operator and Mechanic. Duty: Submarine. Qualification: Submarine Warfare/AUX FWD/AFT or AOW/DSL OP/AMR or AMR2 BDW



MMA CAREER PATH (SS)



YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
1+/-	MMAFN MMAFA Accession Training	9 Months			Recruit Training and all schools or training events required to be completed prior to reporting to their first operational command

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
DOOW:	Diving officer of the Watch
DEI:	Diesel Engine Inspector
DSL OP:	Diesel Operator
MTS:	Master Training Specialist
AMR:	Auxiliary Machinery Room
AOW:	Auxiliaryman of the Watch
BDW:	Below Decks Watch
AUX FWD/AFT:	Auxiliaryman Forward/Auxiliaryman Aft
4. Rating NECs:

Q31A:	SSN/SSBN Auxiliary Equipment Operator
Q33A:	SSN/SSBN Weapons Equipment Technician
Q34A:	SSN 774 Class Advanced Auxiliary Equipment Technician
Q53A:	Low Pressure Electrolyzer (LPE) Operator
739B:	SSN/SSBN Diesel Engine (Fairbanks-Morse) Maintenance Technician
747B:	Diesel Engine Inspector
5. Consideration should be given to sailors who have displayed sustained superior performance while serving in Naval Special Warfare (NSW) assignments. These assignments include but are not limited to Naval Special Warfare Command, NSW Groups, SEAL Delivery Vehicle (SDV) Teams and detachments. Such assignments may not be typical of the traditional career path, yet still provide unique leadership and career enhancing opportunities valuable to a well-rounded naval career.

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: AMR (SSN), AMR2 (SSBN/SSGN), and QAI.
- 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, submarine tender, NSW or SDV, 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.



MMA CAREER PATH (SS)



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 Sailors 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 who are 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.

Consideration for advancement from E7 to E8

- **FULLY QUALIFIED** if they have served as a LCPO for 12 months and are qualified QAS and 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.

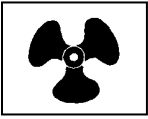
For candidates who have only served on one submarine, i.e. follow on sea tours were at Special Projects, submarine tender, NSW or SDV, the board **MUST** carefully weigh their achievements and demonstrated leadership when determining if they are **BEST QUALIFIED** since it is understood they might not 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.



MMA CAREER PATH (SS)



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.

For candidates who have converted into the submarine force, the board MUST consider the Sailors 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 who are 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.

Consideration for advancement from E8 to E9

- FULLY QUALIFIED if they have served as an LCPO for 12 months and are qualified 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, submarine tender, NSW or SDV, 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 Sailors 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 who are 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.