



ITS-EW CAREER PATH (SS)



<p>Information Systems Technicians, Submarine, Electronic Warfare (ITS-EW) receive extensive training in the operation and maintenance of advanced electronic equipment and computers used in submarine systems. Responsible for the operation, routine care, repair, and management of local databases, local area networks (LAN), complex electronic and electro-mechanical and electronic warfare equipment. ITS personnel are a vital element in the information transfer with state-of-the-art multi-media technology such as fiber optics, digital, microwave, and tactical and commercial satellites on a global basis. They operate, manage, and provide hardware and software support to Automated Information Systems (AIS) to include mainframes, microcomputers, Local Area Networks, Wide Area Networks, and telecommunication systems. Apply diagnostic and restoration techniques utilizing knowledge of electronic and operation system theory. ITS-EW advises on capabilities, limitations, and equipment condition, implements production control procedures including input/output quality control support, implements and monitors security protocols, and performs assigned mission organizational level maintenance and repair of Command, Control, Computer, and Intelligence Systems. ITS-EW personnel also aid in the safe operation of the Submarine while transiting on the surface or at periscope depth.</p>					
YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	ITSCM	20.8 Yrs	FORCM, COB/CMC Program, CSEL	36	4 th Shore Tour Billet: CSEL Duty: TYCOM/GRP/SQD/NSSC/ISSM/NPC/BUPERS
23-26	ITSCM ITSCS	20.8 Yrs 16.2	FORCM, COB/CMC Program, CSEL	36	4 th Sea Tour Billet: COB/3MC Duty: Submarine Qualification: DOOW/COW/ Pilot/DCPO
20-23	ITSCM ITSCS ITSC	20.8 Yrs 16.2 12.4	CWO, COB/CMC Program, CSEL, ECM	36	3 rd Shore Tour Billet: SEA/Dept LCPO/ ISSO Duty: TYCOM/GRP/SQD/NSSC/ NPC/BUPERS Qualification: MTS/ EIWS
14-20	ITSCS ITSC ITS1	16.2 Yrs 12.4 7.7	CWO, OCS, MECP, CSEL, COB	42	3 rd Sea Tour Billet: COB/3MC/LCPO/ ISSO Duty: Submarine Qualification: COB/DOOW/COW/Pilot/DCPO/EW Supervisor
12-14	ITSCS ITSC ITS1	16.2 Yrs 12.4 7.7	LDO E7 and above, E6 Board Eligible, OCS, MECP, CSEL	36	2 nd Shore Tour Billet: Instructor/LCPO/ISSO Duty: TYCOM/GRP/SQD/NSSC/ /School House Qualification: MTS/ EIWS
8-12	ITSC ITS1 ITS2	12.4 Yrs 7.7 3.5		48	2 nd Sea Tour Billet: LCPO/LPO/ISSO Duty: Submarine Qualification: DOOW/COW/ Pilot/DCPO/EW Supervisor/ SYSADMIN Expert/COMSEC Manager/Alternate Manager
4-8	ITS1 ITS2 ITS3	7.7 Yrs 3.5 1.6	STA-21, OCS, MECP	36	1 st Shore Tour Billet: Instructor/ FLT Support Duty: School House/GRP/SQD/ Shipyard/NDC/Fleet Maint Center Qualification: MTS/ EIWS/SYSADMIN Intermediate
1-4	ITS2 ITS3	3.5 Yrs 1.6	Naval Academy, NROTC	54	1 st Sea Tour Billet: LAN Technician/EW Operator Duty: Submarine



ITS-EW CAREER PATH (SS)



					Qualification: Submarine Warfare/EW Operator/RADAR Operator/ COMSEC User/BDW/POOD/EW Analyst/ SYSADMIN Entry/ SYSADMIN Intermediate
1+/-	ITSSN ITSSR 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. On 1 June 2020 the ETR and ITS ratings were combined into a single ITS rating with two distinct, specialized career paths (ITS-COMMS and ITS-EW).
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
CRE:	Combat Readiness Evaluation
CUS:	Commander Undersea Surveillance
DCPO:	Duty Chief Petty Officer
DOOW:	Diving Officer of the Watch
ES:	Electronic Support
EIWS:	Enlisted Information Warfare Specialist
IMF:	Intermediate Maintenance Facility
ISSM:	Information Systems Security Manager
LTOW:	LAN Technician of the Watch
NOPF:	Navy Ocean Processing Facility
NDC:	Navy Data Center
BDW:	Below Decks Watch
POOD:	Petty Officer of the Deck

4. Rating NECs:

737A:	Naval Tactical Command Support System (NTCSS) II Manager
738A:	Global Command and Control System Maritime (GCCS-M)(Force Level 4.1) Inc 2 System Admin
739A:	Global Command and Control System Maritime 4.0.3 (GCCS-M 4.0.3) System Administrator
741A:	Information System Security Manager (ISSM)
742A:	Network Security Vulnerability Technician
T47A:	Submarine Local Area Network (SUBLAN) Technician
744A:	Low Band Universal Communication System Transmit Terminal Equipment Operator/Maintainer
745A:	Information Systems Technician
746A:	Information Systems Administrator
H09A:	CANES AN/USQ-208(V) System Administrator/Maintainer
T13A:	SSN 774 and SSGN 726 Class Electronic Warfare Support (ES) Equipment Maintenance Tech
T15A:	SSBN Class Electronic Warfare Support (ES) Equipment Maintenance Technician
T17A:	SSN 21 and SSN 688 Class Electronic Warfare Support (ES) Equipment Maintenance Technician
T28A:	SSN/SSGN AN/BLQ-10A (V) Submarine Electronic Warfare Support (ES) Equipment Operator
T29A:	SSN/SSBN AN/WLR-8(v) Submarine Electronic Warfare Support (ES) Equipment Operator



ITS-EW CAREER PATH (SS)



Consideration for advancement from E6 to E7

- **FULLY QUALIFIED** if they have served as an LPO for greater than 12 months and have the following qualification: EW Analyst.
- **BEST QUALIFIED** if they meet the **FULLY QUALIFIED** standard AND hold NECs 741A or 742A AND qualified COW (688/SSBN/SSGN), 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 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.

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 an 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 an 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 an 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 an LCPO for 12 months, hold either NEC 741A or 742A, and are qualified COW (688/SSBN/SSGN) or Duty Chief Petty Officer (VACL).



ITS-EW CAREER PATH (SS)



- **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** **RS**CA.

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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 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 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 LCPO for 12 months, hold either NEC 741A or 742A, 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** **RS**CA.

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