



CTT CAREER PATH
SELECTED RESERVE (SELRES)



Cryptologic Technician Technical (CTT). Similar to the Active Duty component, Reserve CTTs perform a variety of technical duties, both afloat and ashore, associated with processing and interpreting RADAR emissions for tactical and strategic value. They operate Electronic Intelligence (ELINT)/Electronic Support (ES) receiving/processing systems and peripheral equipment to provide threat assessments, situational awareness and Indications and Warnings (I&W) and formulate Electronic Attack (EA) techniques and tactics. In addition, CTTs record and analyze RADAR data to develop and maintain RADAR libraries for strategic analysis and development of deception techniques. Reserve CTTs primarily perform their duties at shore commands in the U.S. and overseas, but can also perform their duties on ships, submarines, aircraft, and patrol craft where they operate and maintain ES and EA systems. For mobilizations, CTTs regularly augment U.S. Special Operations and Expeditionary Warfare Forces abroad, as well as serving at CONUS and OCONUS Cryptologic Centers.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	CTTCM	18.5 Yrs	CMDCM	N/A	Regional Staff, National Staff, CMDCM Billet Billets: Regional SEL, Rating Advisor, Regional Career Information Program Manager, NAT Coordinator, CMC (NEC 8CMC) Qualifications: EIWS, SEA, CMC (NEC 8CMC)
23-26	CTTCM CTTCS	18.5 Yrs 16.7	LDO, CWO, DIRCOM, CMC, CSC, SEL	N/A	Regional Staff, National Staff, CMDCM Billet Billets: Regional SEL, Rating Advisor, Regional Career Information Program Manager, NAT Coordinator, CMC/CSC (NEC 8CMC /NEC 8CSC), 4 th MOB (3 rd - 4 th for Prior Service) Qualifications: CMC (NEC 8CMC)
20-23	CTTCM CTTCS CTTC	18.5 Yrs 16.7 12.2	LDO, CWO, OCS, DIRCOM, CMC, CSC, SEL	N/A	Regional Staff, National Staff, CMDCM Billet Billets: Regional SEL, Rating Advisor, Regional Career Information Program Manager, NAT Coordinator, CMC/CSC (NEC 8CMC /NEC 8CSC), 3 rd or 4 th MOB (2 nd or 3 rd for Prior Service) Qualifications: CMC/CSC (NEC 8CMC /NEC 8CSC),



CTT CAREER PATH
SELECTED RESERVE (SELRES)



16-20	CTTCS CTTC CTT1	16.7 Yrs 12.2 8.1	LDO, CWO, OCS, DIRCOM, CSC, SEL	N/A	Regional Staff, National Staff, Unit Level Leadership (Any IW Unit) Billets: Regional SEL, Rating Advisor, National or Regional Career Information Program Manager, Training LCPO or NAT Coordinator, CSC/NEC 9578 (SCPO), Unit LCPO, Division LCPO, Unit LPO, Division LPO, 3 rd MOB (2 nd for Prior Service) Qualifications: IO PLANNER, SEA
12-16	CTTCS CTTC CTT1	16.7 Yrs 12.2 8.1	LDO, CWO, OCS, DIRCOM, RC2AC	N/A	1 st Tour Regional Staff, National Staff or 1 st /2 nd Tour Unit Level Leadership position (Any IW Unit) Billets: Rating Advisor, National or Regional Career Information Program Manager, Training LCPO or NAT Coordinator, Unit LCPO, Division LCPO, Unit LPO, Division LPO Qualifications: IO PLANNER, SEA
8-12	CTTC CTT1 CTT2	12.2 Yrs 8.1 4.2	LDO, OCS, DIRCOM, RC2AC	N/A	1 st /2 nd Tour Unit Level Leadership position. Billets: Unit LCPO, Division LCPO, Unit LPO, Division LPO Duty: CPF Unit, NIOC, ONI, SEAL TEAM, HSM or UAV Unit, 2 nd MOB (1 st for Prior Service) Qualifications: C06A, C07A, EIWS
4-8	CTT1 CTT2 CTT3	8.1 Yrs 4.2 3.2	STA-21, OCS, DIRCOM, RC2AC	N/A	Unit LPO, Division LPO Billets: ELINT Analyst Duty: CPF Unit, NIOC, ONI, SEAL TEAM, HSM or UAV Unit, 2 nd MOB (1 st for Prior Service) Qualifications: C06A, C07A, EIWS
1-4	CTT2 CTT3	4.2 Yrs 3.2	Naval Academy, NROTC, DIRCOM, OCS, RC2AC	N/A	Billets: ELINT Analyst Duty: CPF Unit, NIOC, ONI, SEAL TEAM, HSM or UAV Unit, 1 st MOB (for Non-Prior Service) Qualifications: C06A, C07A, EIWS



CTT CAREER PATH SELECTED RESERVE (SELRES)



Notes:

1. "A" School is required for this rating.
2. This is not a compressed rating.
3. Cross-assignment to an Information Warfare Community (IWC) billet at any paygrade may be required due to geographic limitations based on a Sailor's home of record. However, Sailors should make every effort to seek career diversity or diversity in billet assignments.
4. While traditionally most CTT billets reside within the NIOC/NSA realm, assignment to other IW units such as CPF, DIA, ONI, HSM units are areas CTT's can broaden their knowledge base. Assignment to Expeditionary units such as SPECWAR, NEIC or a UAV unit are career enhancing and broaden the Sailor's knowledge of their rate and the joint warfighting environment at any paygrade.
5. EIWS and other warfare qualifications should be viewed as a noteworthy achievement by Selection Boards. Only Sailors assigned or mobilized to units under Operational Commands with an approved program have an opportunity to qualify, but this requires the Sailor to take the initiative. Refer to COMNAVIFOR INSTRUCTION 1414.1A for information related to the EIWS program.
6. Rating NECs: C00A - AN/SLQ-32A/B (V) 2 Technician
C02A - Electronic Warfare Systems Technician (AN/SLQ-32(V)3)
C04A - AN/SLQ-32(V)6 Electronic Warfare Systems Maintenance Technician
C05A - Electronic Warfare Technician (Advanced Application)
C06A - Airborne Cryptologic Technician Operator/Analyst
C07A - National OPELINT Analyst
C15A - Subsurface Augmentee ELINT Operator
C17A - Intermediate Technical ELINT (TECHELINT) Analysis Technician
771B - Naval Special Warfare (NSW) Tactical Information Operations (TIO) Operator
7. Recommended Skill Training should be conducted in order to measure the sailor's proficiency and the health of the CTT community:
 - Surface EW Threat Recognition – A-233-0005 – 10 Days
 - Surface EW Operations (Journeyman) – K-221-0176 – 10 Days
 - Fleet GALE Lite Operations – A-230-0031 – 7 Days
 - AN/SSX-1 Fleet Operations – A-102-1112 – 3 Days
 - AN/USQ-151 Joint Tactical Terminal (JTT) Operator – A-101-0060 – 4Days

NOTE: Listed NECs are only those that SELRES are qualified to earn based upon NAVPERS 18068F Volume 2. Most SELRES CTTs are assigned to billets coded for NECs C07A or C17A. NEC School funding availability is based on billet requirements.

Considerations for advancement from E6 to E7

- EIWS qualified (additional warfare qualifications based on opportunity/assignment)
- FCPO involvement/leadership
- Unit LPO or DLPO
- Command collateral duties (e.g., CFL (NEC 8CFL), Unit Career Information Program Manager (NEC 806R), etc.)
- Completion a rate-specific mobilization or other active duty assignment in support of fleet, joint, or special operations



CTT CAREER PATH
SELECTED RESERVE (SELRES)



Considerations for advancement from E7 to E8

- EIWS qualified (additional warfare qualifications based on opportunity/assignment)
- CPOA involvement/leadership
- Active in Foundational Leadership Training, including leadership in “Sailor 360” program as well as Initiation Training
- Unit LCPO or DLCPO of large command
- CNIFR Region Staff or CSEL and/or CNIFR HQ Staff
- Completion a rate-specific mobilization or other active duty assignment in support of fleet, joint, or special operations

Considerations for advancement from E8 to E9

- EIWS qualified (additional warfare qualifications based on opportunity/assignment)
- CPOA involvement/leadership
- Active in Foundational Leadership Training, including leadership in “Sailor 360” program as well as Initiation Training
- Unit LCPO or DLCPO of large command
- CNIFR Region CSEL and/or CNIFR HQ Staff
- Graduate of Senior Enlisted Academy or other Service Equivalent
- Completion a rate-specific or CMC/CSC (if qualified) mobilization or other active duty assignment in support of fleet, joint, or special operations