



CTT CAREER PATH
SELECTED RESERVE (SELRES)



Cryptologic Technician Technical (CTT). Similar to the Active 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, provide 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.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	TYPICAL CAREER PATH DEVELOPMENT
26-30	CTTCM	19.5 Yrs	CSEL	Billet: NIFR HQ Staff, NIFR Rating Advisor, NIFR REDCEN Staff Duty: NIFR HQ, Any NIFR REDCEN, Enlisted Community Management Qualification: C05A, C07A, 8SEA, PPME, EJPME I/II, IWSE, Warfare Qualification
23-26	CTTCM CTTCS	19.5 Yrs 17.2 Yrs	CSEL	Billet: NIFR HQ Staff, NIFR Rating Advisor, NIFR REDCEN Staff Duty: NIFR HQ, Any NIFR REDCEN, Enlisted Community Management Qualification: C05A, C07A, 8SEA, PPME, EJPME I/II, IWSE, Warfare Qualification
20-23	CTTCM CTTCS CTTC	19.5 Yrs 17.2 13.1	CSEL	Billet: NIFR HQ Staff, NIFR Rating Advisor, NIFR REDCEN Staff Duty: NIFR HQ, Any NIFR REDCEN, Enlisted Community Management Qualification: C05A, C07A, 8SEA, PPME, EJPME I/II, IWSE, Warfare Qualification
16-20	CTTCM CTTCS CTTC CTT1	19.5 Yrs 17.2 13.1 7.8	CSEL, DCO	Billet: NIFR REDCEN or equivalent Staff, Medium/Large/MAJCOM Unit SEL Duty: Any NIFR REDCEN or equivalent, Any RPC-17 Unit Qualification: C05A, C07A, 8SEA, PPME, EJPME I/II, IWSE, Warfare Qualification
12-16	CTTCS CTTC CTT1	17.2 Yrs 13.1 7.8	CSEL, CWO, DCO, Independent Duty, MOB, RC2SEA, Recruiting	Billet: Small/Medium Unit SEL, Department or Division LCPO Duty: Any RPC-17, Fleet, National, or Independent Duty Unit Qualification: C05A, C07A, 703C, 831A, RTM, CPOLDC, PSEL, PPME, EJPME I/II, Unit SEL JQR, PQS, Warfare Qualification
8-12	CTTC CTT1 CTT2	13.1 Yrs 7.8 4.3	ADOS, DCO, Independent Duty, MOB, RC2SEA, Recruiting	Billet: Unit/Department/Division LPO, Operations Watch Supervisor/Mission Manager or Equivalent Duty: Any RPC-17, Fleet, National, or Independent Duty Unit Qualification: C05A (E-6 and above), C07A, RTM, ALDC, JEPD, SEJPME I, Rating Wide PQS, JKO, NeL, NRTC courses, Warfare Qualification



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YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	TYPICAL CAREER PATH DEVELOPMENT
4-8	CTT1 CTT2	7.8 Yrs 4.3	ADOS, DCO, Independent Duty, MOB, RC2SEA	Billet: ELINT Watch Supervisor, ELINT Team Lead/Lead Operator/Analyst, ELINT Technical Lead or Trainer, Work Center Supervisor Equivalent Duty: Any RPC-17, Fleet, National, or Independent Duty Unit Qualification: C05A (E-6 and Above), C07A, assigned operational PQS/JQR, Rating Wide PQS, RTM, ILDC, BEPME, JEPD, EJPME I, JKO, NeL, NRTC courses.
1-4	CTT2 CTT3	4.3 Yrs 30 Months	ADOS, MOB, RC2SEA, RC2AC	Billet: ELINT Operator/Analyst or Equivalent Duty: Any RPC-17 Unit Qualification: C07A, assigned operational PQS/JQR, RTM, FLDC, NAPD, IPME, JKO, NeL, NRTC courses.
1+/-	CTTSN CTTSA Accession Training	18 Months 9 Months		* New Accession Training pipeline, Recruit Training Command and all other schools or training events are required to be completed prior to assignment in an operational command. SELRES CTT affiliates need to be assigned a billet in an RPC-17 (IW) unit. Recruit Training and all schools or training events required to be completed prior to reporting to their first operational command, Qualifications: C07A

Notes:

1. "A" School is required for this rating. Attendance to C07A "C" School immediately following Entry Level ELINT is highly encouraged, based on billet requirements. CTT "A" School requires an interim TS Clearance.
2. Counter-Intelligence polygraphs are required prior to operational employment at many locations. Polygraphs should be obtained as early as possible to ensure maximum availability.
3. Career-enhancing tours/jobs should be positions in which leaders develop and coach CTTs. CTT leadership intensive Reserve Component (RC) billets include ECH III/IV duties such as Rating Advisor, CNIFR HQ, NIFR REDCEN Staff duty, Unit SEL, and Unit Operations Department LCPO. Logical career progression through positions of increased responsibility is the expectation. Active participation in the SELRES CTT Coaching Program is expected and highly encouraged for all Sailors.
4. Opportunities to enhance one's RC career within the CTT rating include CONUS and OCONUS opportunities. These opportunities should be regarded for Sailors who are already well established within the rating and have completed their initial tours at an RPC-17 or equivalent unit. While traditionally most SELRES CTT billets reside within the NIOC/NSA realm, assignment to other Independent Duty units (such as C4F, C7F, CNE-CNA, CPF, EWTG, NAVWAR, NIWDC, NIWTG, ONI, USFF) can broaden a CTT's knowledge base. Assignment to CNFK, COCOMs, DESRON, NAVSPACE, and NSW Expeditionary units are also career enhancing and broadening to the Sailor's knowledge of their rating and the joint warfighting environment at any paygrade. However, individuals interested in these billets should already maintain a significantly higher level of technical expertise commensurate to their paygrade.



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5. Rating NECs as defined by NEOCS Volume II CH IV, Navy Enlisted Classifications. While not intended to be an exhaustive list, the below NECs are open to SELRES. Contact the CNIFR Rating Advisor (RA) with any questions or visit https://www.cool.osd.mil/usn/rating_info_cards/ctt.pdf.

C00A, C02A, C04A, C04B - AN/SLQ-32A/B(V) Technician*
C01A - AN/SLQ-32 Technician Operator*
C05A - Electronic Warfare Technician (Advanced Application)
C06A, C06B - Airborne Cryptologic Technician Operator/Analyst, P-8*
C07A - National Operational Electronic Intelligence (OPELINT) Analyst
C09A - MOSAP (OPELINT)*
C15A - Subsurface Augmentee ELINT Operator*
C17A - Intermediate Technical ELINT (TECHELINT) Analysis Technician*
C22A - MESAP (TECHELINT)*
703C - Naval Special Warfare (NSW) Tactical Information Operations (TIO) Operator
805A - Instructor
831A - Joint Maritime Staff Operator (JMSO)

NEC Notes:

(*) SELRES are not currently eligible to obtain these NECs, however they may be retained from AC service. All NECs assigned to billets are subject to change based on operational requirements.

(1) Most SELRES CTTs are assigned to billets not coded for an NEC. The following NECs are most sought after for ADOS or ADT AC Support: C07A, 805A

6. NAVIFORES Enlisted Professional Development (EPD) courses are considered noteworthy professional development milestones. Sailors should attend as prescribed by their time in service and rank as appropriate:

New Affiliation Professional Development (NAPD): Instructs junior and/or newly affiliated Information Warfare (IW) SELRES on relevant topics to be successful as an IW Reservist. Any IW rate/rating eligible, typically new affiliations within their first year as SELRES.

Junior Enlisted Professional Development (JEPD): Instructs Petty Officers on relevant topics to be successful as reserve enlisted leaders at the work center supervisor and Leading Petty Officer level. Any IW rating eligible E5 - E6 SELRES with three years or more as a reservist.

Prospective Senior Enlisted Leader (PSEL): Instructs Chief Petty Officers on the relevant topics to be successful as reserve Senior Enlisted Leaders at the department and Unit SEL level. Any E7 - E8 IW rating eligible, ideally for CPOs with two to four years TIR.

Information Warfare Senior Enlisted (IWSE): EPD capstone course ideal for E8 - E9 SELRES considering a Major Command SEL or REDCEN SEL billet. Prerequisite: PSEL

7. Enlisted Information Warfare Specialists (EIWS) and other warfare qualifications are not required but should remain a significant factor of consideration when identifying "Best Qualified" candidates for advancement.

Considerations for advancement from E6 to E7

Completion of the Advanced Leader Development Course and Professional Military Knowledge Eligibility Exam are prerequisites for the E7 Navy Wide Advancement Exam and completion is required to constitute a fully qualified candidate.



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Highly competitive/best qualified candidates for selection as Chief Petty Officer have met many or all of the following milestones:

- Actively participate and be designated as a CTT Coach through the SELRES CTT Coaching Program.
- Completed a rate-specific mobilization or other long-term orders in support of fleet, joint, or special operations with documented impact.
- Leadership as an LPO, Mission Supervisor/Manager, or PQS/Watch Qualification Trainer with documented mission and subordinate development impact.
- Demonstrated technical expertise by completion of PQS/Watch Qualification and sustained superior performance in an operational role with command OR community wide impact.
- Demonstrated institutional expertise through completion of JEPD, Primary Professional Military Education (PPME), Enlisted Joint Professional Military Education (EJPME) Phase I, or advanced civilian education or rate-related certifications.
- Warfare Qualification (See Note 7).
- Leadership in Sailor 360 program and/or in the First-Class Petty Officer Association (FCPOA) with strong involvement and documented impact.

Considerations for advancement from E7 to E8

Completion of CPO Leader Development Continuum is a prerequisite for advancement to E8 and constitutes a fully qualified candidate.

Highly competitive/best qualified candidates for selection as a Senior Chief Petty Officer have met many or all of the following milestones:

- Actively participate and be designated as a CTT Coach through the SELRES CTT Coaching Program with documented impact.
- Completed a rate-specific mobilization or other long-term orders in support of fleet, joint, or special operations with documented impact.
- Leadership as a Unit SEL (small/medium/large unit), Division/Department LCPO (large unit) and/or other duties outside the normal scope with documented mission and subordinate impact.
- Demonstrated technical expertise by completion of PQS/Watch Qualification and sustained superior performance in an operational role with command OR community wide impact.
- Demonstrated rating SME in community engagements through participation in A School TRRs, IW Community and/or Fleet Conferences, OCCSTDs, Job Duty Task Analysis (JDTA) and PQS Working Groups, Operational Planning Teams or other clemency-wide impact.
- Participation in NIFR IW initiatives at the local, REDCEN, and HQ level, e.g., NIFR EPD instructor/facilitator, SEL JQR trainer, MAP-R Board Membership, etc.
- Demonstrated institutional expertise through completion of Senior Enlisted Academy (SEA), other Service Senior Enlisted Course/Academy, PSEL, PPME, EJPME I/II, NIFR leadership conferences, and/or advanced civilian education or rate-related certifications.
- Served as ELD Facilitator and/or significant impact to subordinate ELD completion.
- Completed CNIFR SEL JQR. Completion is required within one year of assignment as a REDCEN CSEL or Unit SEL. Otherwise, enrollment or completion is not mandatory but should be considered favorably.
- Warfare Qualification (See Note 7).
- Consistent CPO Mess involvement during CPO Initiation (CPOI), Sailor 360, CPOA, and mess training. Performance as CPOI Season Chair, Committee Lead, and CPOA Executive Officer positions are particularly noteworthy.

Considerations for advancement from E8 to E9

Fully qualified candidates should have the 8SEA NEC in their record or subsequent proof of attendance and graduation of the Senior Enlisted Academy or other service equivalent school.



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Highly competitive/best qualified candidates for selection as a Master Chief Petty Officer have met many or all of the following milestones:

- Actively participate and be designated as a CTT Coach through the SELRES CTT Coaching Program.
- Completed a rate-specific mobilization or other long-term orders in support of fleet, joint, or special operations with documented impact.
- Leadership as a Unit SEL (large/priority unit), NIFR HQ/REDCEN staff with documented mission and subordinate development impact.
- Served on any NIFR HQ or REDCEN staff with documented impact.
- Strong support and participation in NIFR IW initiatives at the local, REDCEN, and HQ level, e.g., NIFR EPD instructor/facilitator, SEL JQR trainer, MAP-R Board Membership, etc.
- Demonstrated rating SME in community engagements through participation in IW community and/or fleet conferences, OCCSTDs, Rating Strategy Council, JQR/PQS Working Groups, Operational Planning Teams, etc. and/or selection as CNIFR Rating Advisor.
- Demonstrated institutional expertise through completion of SEA or other Service Senior Enlisted Course/Academy, IWSE, PPME, EJPME I/II, NIFR Leadership conferences, and/or advanced civilian education or rate-related certifications.
- Completed CNIFR SEL JQR. Completion is required within one year of assignment as a REDCEN CSEL or Unit SEL. Otherwise, enrollment or completion is not mandatory but should be considered favorably.
- Served as ELD Facilitator and/or significant impact to subordinate ELD completion.
- Warfare Qualification (See Note 7).
- Consistent CPO Mess involvement during CPO Initiation (CPOI), Sailor 360, CPOA, and mess training. Performance as CPOI Season Chair, Committee Lead, and CPOA Executive Officer positions are particularly noteworthy.

Commissioning/Other Special Programs:

Commissioning Programs - [Commissioning Programs \(navy.mil\)](#)

CSEL Program - [CSEL Program_OPNAV_1306.2H w CH-1.pdf \(navy.mil\)](#)