CHAPTER IV

RATING SERIES AND SPECIAL SERIES NECS

A. PURPOSE

Rating series NECs are for a limited number of ratings and are used for billet requirements and personnel assignment. Rating series NECs identify billet requirements (skill/knowledge requirements) beyond the skill and knowledge that the general rating would provide. Rating series NECs are also assigned to an individual to show that the person has obtained certain skills or knowledge and is qualified for detailing to a billet requirement.

Special series NECs have the same purpose as Rating series NECs but in general, relate to a large number of ratings.

NECs throughout the manual are listed in numerical sequence and not by rating. Chapter 3, Rating Conversion NECs may be used as an index to help locate specific rating NECs.

Headings associated with NEC descriptions identified in this chapter are defined in paragraph B. Shaded print denotes a revision to a previous entry.

B. DEFINITIONS

1. SOURCE RATINGS. Ratings eligible for NEC award.

2. BILLET PAYGRADES. This information is presented as guidance in writing billets on Activity Manpower Document (AMD). Low/High paygrades reflect the lowest and highest paygrades that can be written for billets identified by the NEC. Commands requesting changes to manpower authorization should comply with these paygrade limits.

3. PERSONNEL PAYGRADES. The NEC may be assigned only to personnel in paygrades indicated.

4. COURSE. Identifies whether completion of a training course(s) is a mandatory requirement for assignment of the NEC or whether the NEC may be earned through OJT (On-the-Job-Training), (i.e., based on qualification through on-the-job training). If the length of OJT is not specified, it shall normally be a minimum of six months.

5. COURSE IDENTIFICATION NUMBER (CIN). The Navy Course Identification Number (CIN) is obtained from Corporate enterprise Training Activity Resource System (CeTARS). An indicator P/L (Pipeline) next to CIN signifies that additional COI is required before NEC could be awarded. If blank, the NEC is awarded through a combination of one or more Component NECs or on-the-job training, or assignment of NEC has been discontinued.

6. COURSE DATA PROCESSING NUMBERS (CDPs) FROM CeTARS. CDPs are assigned to formal training courses included within CeTARS per NETCINST 1510.1 (series). They are used by the Bureau of Naval Personnel and training activities for reference purposes.

7. SEQUENCE CODE. The number that appears in this column (1 through 9) identifies the position of NECs on the Enlisted Distribution Verification Report (EDVR) section 8 and other documents used in personnel distribution. Appendix A, pg 2, Para 1.b provides guidance in determining assignment of Sequence codes.

8. ESTB DATE (Establishment Date). The date (e. g. XX/XX/XX) in which the approval letter was signed to establish the NEC. The NEC was effective immediately as of this date.

9. REV DATE (Revision Date). The date (e. g. XX/XX/XX) in which the approval letter was signed to implement the latest revision (s) to the NEC. The NEC revision (s) was/were effective immediately as of this date.

10. NR IND (Reservist Indicator). The following letters are used to categorize the attainability of NECs by inactive duty Selected Reserve (SELRES) personnel, and the assignment of NECs to SELRES personnel and manpower requirements:

A: The NEC is attainable by SELRES, and is therefore assignable to SELRES personnel and manpower requirements with no restrictions. SELRES are able to complete training for the NEC within three years of normal inactive duty training cycles of 48 regular drills and two weeks Annual Training (AT) per year (Training Category (TRC) A). The NEC can be earned by the following means:

- Active Duty formal training courses that have not been modified or segmented into modules for SELRES applications,

- Segmented or modularized formal training courses that may be completed within three years of normal TRC A training cycles (Note 1),

- Specific civilian training/certification (Note 2), or

- On-the-job training (OJT) that can be completed with three years of normal TRC A training cycles (Note 2).
  Additionally, NECs are assignable to SELRES manpower requirements if the formal courses of instruction that award the NEC will be modified to facilitate SELRES completion of all requirements for the NEC within three years of normal TRC A training cycles. The requirements for periodic recertification/requalification for the NEC cannot exceed a normal, annual TRC A training cycle (Note 1).

R: The NEC cannot normally be attained by SELRES within three years or normal TRC A training cycles, but is assignable with restrictions to SELRES manpower requirements if SELRES already holding a NEC in this category can maintain periodic recertification/requalification required for the NEC within a normal, annual TRC A training cycle.

N: The NEC is not assignable to SELRES personnel or manpower requirements because periodic recertification/requalification for the NEC cannot be maintained by a SELRES during a normal, annual TRC A training cycle. Programming of SELRES manpower requirements with these NECs is not authorized (Note 4).

NOTES:

1. A formal training course that awards the NEC or maintains recertification/requalification may be segmented into modules if recommended by COMNAVRESFOR (Code 04), approved by OPNAV (N7/CNET) and certified to be funded for segmentation by the appropriate OPNAV resource sponsor. If the training agent certifies that the training course will be on line within one year, assignment of the NR IND of A is allowed.

2. NECs will be awarded to SELRES personnel upon completion of civilian training courses leading to the awarding of a certificate, diploma or license, and for the completion of OJT when a waiver of formal training requirements has been requested and obtained from the appropriate training agent.

3. COMNAVRESFOR will annually review and coordinate the update of all SELRES NEC categories with appropriate NEC Advisors.

11. COMPONENT NEC. Prerequisite requirement for assignment of the principal NEC. A component NEC is removed once a principal NEC is assigned.

12. RELATED NEC. NEC that is not a prerequisite to the principal NEC, but is similar or identical with part or parts of a principal NEC.

13. OPEN TO WOMEN. Open: NEC is open to women. Closed: NEC is not open to women.

14. PRIMARY ADVISOR. The command or office with primary responsibility for the functional or mission area that a NEC is principally used. The Primary Advisor is concerned with all aspects of associated NECs.

15. TECHNICAL ADVISOR. The command or office having cognizance over the technical areas in which a NEC is principally used. The Technical Advisor is concerned with manpower or weapon system relationships and training requirements related to technical aspects of the NEC.

16. ECM/PERS. BUPERS code responsible for managing the "health and welfare" and career development plans of the enlisted ratings, rates and NECs within his/her purview.

C. NEC DESCRIPTIONS

00SM Signalman (SM) Tracking NEC - Effective 30SEP04

0CTO Cryptologic Technician Communications (CTO) Tracking NEC - Effective 1MAR06

00DK Disbursing Clerk (DK) Tracking NEC - Effective 1OCT05

00LI Lithographer (LI) Tracking NEC - Effective 1JUL06

00DM Illustrator Draftsman (DM) Tracking NEC - Effective 1JUL06

00JO Journalist (JO) Tracking NEC - Effective 1JUL06

00PC Postal Clerk (PC) Tracking NEC - Effective 1OCT09

00PH Photographer's Mate (PH) Tracking NEC - Effective 1JUL06

0CTA Cryptologic Technician Administrative (CTA) Tracking NEC – Effective 1OCT07

00TM Torpedoman's Mate (TM) Tracking NEC – Effective 1JUL07

0090 Not Operationally Suitable
Identify and track Navy personnel who have been determined as being "Not Operationally Suitable."

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code:		NR Ind:
Component NEC:	Related NEC:	Open to Women:
Primary Advisor:	Technical Advisor:	ECM: OPNAV N13

NOTE: Application and removal of NEC 0090 will be performed only by PERS-40BB.

HM-00DT Dental Tracking NEC
Perform duties as a general dental assistant to include dental infection control, dental treatment room management, preventive dentistry, comprehensive dental assisting, and intraoral radiography.

Source Rating: HM	Billet Paygrades:	Personnel Paygrades: E5-E9
Course: Mandatory	CIN:	CDP:
Sequence Code:		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC 00DT is a tracking NEC for personnel only and does not apply to billets.

0093 Combat Zone Injury-Hostile
Identifies Naval Personnel who suffer a hostile injury while serving in a Presidential approved combat operation or while deployed in an area that qualified for Combat Zone Tax exclusion.

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8		NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: PERS-46

NOTE: NEC 0093 is a tracking NEC for personnel only, as approved by the NEOCS process.

0096 Combat Zone Injury-Illness, Non-Hostile
Identifies Naval Personnel who suffer a non-hostile injury or illness while serving in a Presidential approved combat operation or while deployed in an area that qualified for Combat Zone Tax exclusion.

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8		NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: PERS-46

NOTE: NEC 0096 is a tracking NEC for personnel only, as approved by the NEOCS process.

0107 Minesweeping Boatswains Mate
Performs and supervises rigging, streaming and recovery of all minesweeping gear. Performs organizational level maintenance (less electrical) on minesweeping equipment.

Source Rating: MN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-060-0631	CDP: 3000
Sequence Code: 6	ESTB Date: 1/93 REV Date: 8/19/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC is considered adaptable to future employment of helicopter teams assigned a mission formerly performed by shipboard non-helicopter assisted minesweepers and the attendant crews.

BOATSWAIN'S MATE

BM-0160 Causeway Barge Ferry Pilot
Pilots Causeway Ferries up to 360 feet long for the ship-to-shore movement of equipment and cargo during assault follow-on logistics operations and Maritime Prepositioned Ship operations. Communicates piloting instructions to craft used for barge ferry propulsion. Directs ferries alongside ships for lift-on/lift-off operations. Directs ferry beaching and retraction.

Source Rating: BM, GM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: See Note	CIN: K-062-0012	CDP: 180A, 647N
Sequence Code: 3	ESTB Date: REV Date: 8/19/09 (HPRR)	NR Ind: A
Component NEC:	Related NEC: 0169	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVFAC SSPO	ECM: BUPERS-32

NOTE: Course mandatory for naval reserve personnel. Active duty personnel may earn this NEC by completion of PQS/OJT or course completion.

BM-0161 Tugmaster
Operates YTM/YT tugs to assist in docking, undocking, dry-docking, and cold iron moves. Directs use of head, breast and power lines and stern tow makeups. Employs International and Inland Rules of the Road, navigational, visual, and radio communications procedures. Directs the operation and maintenance of engineering plant, deck machinery, firefighting and other emergency equipment. Assists in sea/air rescue and missions of mercy operations. Directs the movement of non-self-propelled Yard Craft within the boundaries of harbors, bays and sounds.

Source Rating: BM, QM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Candidates for and personnel holding this NEC must meet and maintain qualification standards (including physical requirements) contained in OPNAVINST 3171.2.

BM-0164 Assault Boat Coxswain

Handles and beaches landing craft in assault waves. Supervises boat crew in hoisting and lowering operations. Handles all types of cargo including stowing in boat. Assists in salvage operation

Source Rating: BM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 1/27/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC may be earned by OJT. If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.

BM-0167 LCAC Operator

Operates Landing Craft Air Cushion (LCAC) vehicles in amphibious assault and training operations to and from LHAs, LHDs, LPDs, and LSDs and across surf and beach interfaces. Executes current amphibious assault tactics employing International and Inland Rules of the Road, navigation, and radio and visual communications procedures. Supervises LCAC crew in all phases of craft operation.

Source Rating: Open to All Ratings	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: K-062-0100	CDP: 0621, 424H
Sequence Code: 2	ESTB Date: REV Date: 1/27/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum ASVAB score of AR+MK+EI+GS = 204 is required for entry into the training courses. Interested candidates who meet the requisite ASVAB score should contact their detailer for nomination to the LCAC program. Pers-409 (Special Programs) will coordinate assignment with the appropriate detailer.
2. NEC Candidates must be physically qualified for special duty in accordance with the Manual of the Medical Department (NAVMED P117).
3. Successful completion of the Naval Aerospace Medical Research Laboratory (NAMRL) LCAC Operator Psychomotor Test is required prior to assignment to contractor training and course K-062-0100.
4. NEC candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.

BM-0169 Causeway Barge Ferry Coxswain

Operates Causeway Section Powered and Improved Navy Lighterage Warping Tug with 360-degree water jet propulsion system in support of amphibious operations and Maritime Prepositioned Ship operations.

Source Rating: BM, GM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: See Note	CIN: K-062-0011	CDP: 179Z, 647M
Sequence Code: 3	ESTB Date: REV Date: 8/19/09 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVFAC SSPO	ECM: BUPERS-32

NOTE: Course mandatory for naval reserve personnel. Active duty personnel may earn this NEC by completing applicable PQS/OJT or course completion.

BM-0170 Surface Rescue Swimmer

Performs duties as a rescue swimmer for recovery of personnel and equipment at sea.

Source Rating: All shipboard ratings	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-050-0500	CDP: 6952, 889Y
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

BM-0171 Landing Craft Utility Craftmaster

Directs movement of Landing Craft Utility (LCU) in Amphibious assault operations. Directs docking and undocking in landing types (LHA, LHD, LPD, LSD), beaching and retracting, loading stowage, and security of equipment and supplies in the various ship and shore movement assault elements. Directs movement of craft employing Rules of the Road, electronic and visual navigation, and radio and visual communications procedures. Supervises LCU crew of 10 in all phases of craft operations and maintenance.

Source Rating: BM, OS, QM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 0164	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be ESWS qualified; second class swimmer per NAVPERS 15560C; no eval mark below 3.0 in the last 36 months; no record of NJP or financial problems in the last 36 months; minimum ASVAB WK+AR=104 (waiverable); no PRT failures in the past 36 months. Must be eligible for a secret clearance. Night blindness will be cause for rejection. Color Vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP). Member must have a 2-year obliserve requirement to be awarded the NEC. Submit NAVPERS 1221/6 with completed qualifications to PERS-4013 to be awarded this NEC.

BM-0172 LCAC Loadmaster

The Landing Craft Air Cushion (LCAC) Loadmaster is a critical crew position aboard the LCAC, constantly working with high technical and potentially dangerous high speed machinery. The Loadmaster is also responsible for loading and unloading various rolling stock within the United States Marine Corps inventory, and various miscellaneous rolling stock of other countries working with U.S. forces. The Loadmaster will be familiar with the ABS mission.

Source Rating: BM, GSM, GSE	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-062-0020	CDP: 6051, 6052
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

BM-0180 Causeway Lighterage Craftmaster

Operates the Improved Navy Lighterage System Warping Tug (WT) and/or Causeway Ferry (CF).

Rating: BM	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: K-062-0113	CDP: 00SF
	K-062-0110	00SC
Sequence Code: 3	ESTB Date: 5/27/10 REV Date:	NR Ind: A
Component NEC:	Related NEC: 0160, 0169	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVFAC	ECM: BUPERS-32

NOTE: Must be Second Class Swimmer Qualified and have Normal Color Perception.

BM-0181 Navy Lighterage Deck Supervisor

Responsible for the safe and effective operation of all deck equipment on the Improved Lighterage Warping Tug (WT) and/or Causeway Ferry (CF).

Rating: BM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: K-551-0101	CDP: 04H9 or 04HA
Sequence Code: 3	ESTB Date: 5/27/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVFAC	ECM: BUPERS-32

NOTE: Must be Second Class Swimmer Qualified and have Normal Color Perception.

QM-0215 Harbor/Docking Pilot

Pilots naval ships of ALL classes and unlimited tonnage in and out of harbors and naval bases or to and from docks and berths. Supervises naval and civilian personnel in docking, berthing and mooring of all classes of vessels, floating docks, cranes, and barges. Directs operations of all classes of vessels, floating docks, cranes, and barges. Directs operations of pusher boats (YTLs, YTMs YTBs) in the movement of ships and tows to and from sea and in harbors.

Source Rating: QM, BM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2		NR Ind: N
Component NEC: 0161	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OPERATIONS SPECIALIST

OS-0302 AN/SYS-2 Integrated Automatic Detection and Tracking (IADT) Systems Operator

Operates the Radar Control Operator (RCO) and Detector/Tracker monitor (DTM) console of the AN/SYS2(V) IADT system. RCO monitors and controls sensor interfaces, performs sensor alignments, evaluates ECM and clutter, and assists in determining sensor mode of operation, DTM monitors and controls SYS to WDS, CDS, and FCS interfaces and monitors IADT system performance.

Source Rating: OS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-113-1011	CDP: 0443, 0630
Sequence Code: 5	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTE: This NEC may be earned by completion of formal training course J-113-1011 or OJT awarded for E3 and above with one year operational experience on the Radar Control Operator (RCO) and Detector/Tracker monitor (DTM) console of the AN/SYS2(V) IADT system; qualified PQS NAVEDTRA 43372-1A AN/SYS-2(V) 4, 5, 7 DETECTOR/TRACKER MONITOR and all underlying prerequisite watchstations. OJT based on Commanding Officer's recommendation. Submit NAVPERS 1221/6 to PERS-4013D2.

OS-0304 LCAC Radar Operator/Navigator

Operates Landing Craft Air Cushion (LCAC) vehicle's radar, navigation, and communications equipment in support of amphibious assault and training operations. Provides tactical recommendations to the LCAC Craftmaster based on current amphibious assault tactics, navigation, International and Inland rules of the road, and radio and visual communications procedures.

Source Rating: OS, ET(SS), QM, ET, AWO	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-193-0436	CDP: 0623, 424K
Sequence Code: 3	ESTB Date: REV Date: 1/27/11	NR Ind: N
Component NEC:	Related NEC: 14TK	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum ASVAB score of AR+MK+EI+GS=204 is required for entry into the training courses. Interested candidates who meet the requisite ASVAB score should contact their detailer for nomination to the LCAC program. Pers-409 (Special Programs) will coordinate assignment with the appropriate detailer.
2. NEC candidates must be physically qualified for special duty with the Manual of the Medical Department (NAVMED P117).
3. NEC candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
4. Normal color perception required.
5. 20/20 vision correctable with normal depth perception.
6. Must be eligible for SECRET security clearance.

OS-0318-0324 Radar Air Controller

Controls/supervises control of aircraft in tactical operations. Operates/supervises operation of radar, NTDS, communications and associated equipment in the exercise of air control functions. Participates in search and rescue and aircraft emergency operations. Ensures correct positioning of aircraft in specified areas, air corridors and approach or departure tunnels.

NOTE: Qualification, requalification and maintenance proficiency requirements for AIC, ASAC, AICS, ATACO, USTAC and ASTACSUP personnel are set forth in OPNAVINST 1211.2 Series. Personnel who fail to maintain qualification through prescribed proficiency requirements are no longer eligible to retain the NEC. An NAVPERS 1221/6 will be submitted PERS-4013D2 for NEC removal. This NEC removal requirement is waived for a period of 36 months for those personnel who were previously qualified but subsequently transferred to shore duty. Personnel who requalify through formal training will have reestablished their qualification and award of the NEC.

OS-0318 Air Intercept Controller

Controls strike-fighter aircraft in the successful prosecution of air-to-air engagements.

Source Rating: OS	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-221-0027	CDP: 4606, 9377
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel who have maintained Air Controller proficiency as an AIC will continue to receive SDAP at the OS-0318 level as prescribed in BUPERS NAVADMIN.

OS-0319 Supervisory Air Intercept Controller
Supervises performance of air intercepts. Reports and assists in resolving tracking confusion.

Source Rating: OS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: K-221-0015	CDP: 2024, 2025
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC: 0318	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OS-0324 USW/SUW Tactical Air Controller (USTAC)
Controls and directs the communications, overall tactics, sensor information correlation and integration, flight safety, sonobouy, and data link operations of USW/SUW aircraft.

Source Rating: OS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-221-2503	CDP: 743B, 586X
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel who have maintained their Air Controller proficiency as an USTAC will continue to receive SDAP at the OS-0324 level as prescribed in BUPERS NAVADMIN.

OS-0325 AN/SSN-2(V)4 Operator
Operates the AN/SSN-2(V)4 Precise Integrated Navigation System (PINS). During mine hunting/sweeping operations, performs as a team member in the Mine Countermeasure (MCM) ship Combat Information Center (CIC) by providing precise navigation information and command and control functions such as ship's position, speed and direction, and location of mine-like objects using all available navigation and environmental sensors including sonar, surface radar, and ship's control displays. The AN/SSN-2(V)4 operator also maintains operator logs and ensures proper documentation of mission records.

Source Rating: OS, ET, MN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-130-2569	CDP: 06JC
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OS-0326 Operations Systems Specialist
Coordinates combat information from detection to engagement. Performs tactical and administrative message drafting and assists junior personnel and officers in current warfare doctrine and problem solving under all conditions of ship readiness.

Source Rating: OS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-221-0098	CDP: 05UH, 05UJ
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

OS-0327 Sea Combat Air Controller (SCAC)
Controls fixed wing aircraft and helicopters on ships during conduction of Surface Warfare (SUW), Undersea Warfare (USW), Surface Surveillance, Search and Rescue, and Strike Support.

Source Rating: OS	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-221-0001	CDP: 3885, 06H8
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OS-0328 USW/SUW Tactical Air Control (USTAC) Leadership

Responsible for the oversight of ASTAC training and inspection of Fleet USTACs to ensure skill proficiency is maintained and to identify E7-E9 personnel not in an USTAC operational billet, but having been previously qualified to hold the component NEC.

Source Rating: OS	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC: 0324	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum of 3 years shipboard experience is required.
2. NEC is awarded based on advancement to E7 of personnel who hold NEC OS-0324. This will be an automatic NEC adjustment to identify senior leadership that previously held NEC OS-0324. NEC OS-0324 will be removed upon advancement to E7 except when service member is serving at sea under DNEC OS-0324. In this circumstance NEC OS-0324 will be replaced by NEC OS-0328 upon transfer to the next command.
3. Award of NEC to personnel in paygrades E-7 to E-9 that are ACC 100 shore duty as of 01 August 2008 will be handled on a case by case basis.

OS-0332 TOMAHAWK Weapon System (Surface) Operator

Operates the Operation Interactive Display Terminal (OIDT) consoles in the TOMAHAWK Weapon system (Surface) to control and monitor the targeting, pre-setting and launching of TOMAHAWK missiles. Conducts periodic data base updates. Stores and retrieves selected data and processes incoming operational data to provide a comprehensive surface display of the operational theater.

Source Rating: OS, FC	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: SPAWAR	ECM: BUPERS-32

OS-0334 HARPOON (AN/SWG-1A) Engagement Planning Operator

Determines the preferred HARPOON engagement including flight path and missile attack mode for multiple surface targets designated for engagement by the Tactical Action Officer (TAO). Plans the engagement utilizing graphic display capabilities to avoid friendly participants and to increase kill probability of selected targets within a group. Resolves engagement related problems and communicates equipment casualties or faults to proper authority.

Source Rating: OS, FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: J-113-1001	CDP: 0285, 197X
Sequence Code: 3	ESTB Date: REV Date: 1/3/11 (HPRR)	NR Ind: R
Component NEC: 1169 (See Note 1)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTES:

1. FC personnel E4 and above must hold NEC FC-1169 in order to be eligible to earn this NEC.
2. OS personnel E4 with their Commanding Officer's recommendation are eligible to earn this NEC.

OS-0336 Tactical/Mobile (TacMobile) Operations Control (OPCON) Operator

Operates tactical workstations and other computer peripherals associated with the TacMobile network, including communications equipment. Prepares preflight material (briefs and messages), conducts flight following (Data Link), maintains the common operational picture and prepares post-flight material (messages).

Source Rating: OS, IS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-221-0362	CDP: 702Z
Sequence Code: 4	ESTB Date: REV Date: 1/3/11 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: SPAWAR	ECM: BUPERS-32

OS-0340 Global Command and Control System Common Operational Picture/Maritime 4.X (GCCS COP/M 4.X) Operator

Performs Joint Services and Navy specific applications and processes. Manages C4I database management functions, communications operations, and Force Over the Horizon Track Coordinator (FOTC) functions. Maintains the Common Operating Picture (COP) and provides input to the Common Tactical Picture (CTP) at the unit, battle group, component commander, joint and coalition level. These functions are performed at both afloat and ashore commands.

Source Rating: MN, OS, STG	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
AWO, CTR, CTT, FC, IS, QM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-221-0069, A-221-0086 (Diff) (See Note 2)	CDP: 01TR, 01TP, 05YN, 05YP
Sequence Code: 3	ESTB Date: REV Date: 7/9/10	NR Ind: A
Component NEC:	Related NEC: 0342	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17 N1B	ECM: BUPERS-32

NOTES:

1. A security clearance is required.
2. To attend CIN: A-221-0086 (GCCS-M 3.X to GCCS-M 4.X difference course) personnel must have previously attended CIN: J-221-2311 (NEC OS-0342).

OS-0342 Global Command and Control System Common Operational Picture/Maritime (GCCS COP/M) Operator

Performs Joint Services and Navy specific applications and processes. Manages C4I information; database management functions, communications operations and Force Over-the Horizon Track Coordinator (FOTC) functions, utilizing the Unified Build (series) software. Training is accomplished using hardware and software currently installed in the fleet.

Source Rating: MN, OS, STG	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Source Rating: AW, AWO, AWR, AWV, CTI, CTM, CTR, CTT, FC, FT, IS, IT, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: J-221-2311	CDP: 293N, 377N
Sequence Code: 3	ESTB Date: REV Date: 1/3/11 (HPRR)	NR Ind: A
Component NEC:	Related NEC: 0340	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: SPAWAR	ECM: BUPERS-32

OS-0345 Joint Tactical Ground Station (JTAGS)/Multi-Mission Mobile Processor (M3P) System Operator/Maintainer

Responsible for processing and dissemination of real time warning of tactical ballistic missile (TBM) launches, Slow Walkers and other significant tactical events (The M3P's will also have some strategic capability). Processes data from up to three Defense Support Programs (DSP) or Space Based Infrared System (SBIRS) satellites which link directly to theater tactical communication systems for timely and accurate launch locations information, impact area prediction and threat position/velocity data to support early warning, targeting, alerting, and cueing requirements for all services. Also responsible for troubleshooting, analyzing, and performing low level maintenance on antenna relays and interfaces, computers, and self-contained communications devices. Responsible for the transport (March Order), and emplacement of an 8x8x20 ft, C-141 deployable shelter and associated equipment.

Source Rating: OS, IS, ET, CTT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-100-0005	CDP: 5393, 02P9
Sequence Code: 4	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

OS-0346 AEGIS Console Operator Track 3

Will supervise and coordinate the operation of the AEGIS Combat System (ACS) and associated Combat Information Center (CIC) watchstanders in CG-47 Class Cruisers and DDG-51 Class Destroyers. This included Radar Systems AN/SPY-1B/D, Console and Display Group AN/Q-70, Link 4/11/16 Systems, and AN/UPX-29 IFF Systems.

Source Rating: OS	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-221-0038	CDP: 242S
Sequence Code: 4	ESTB Date: REV Date: 7/9/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: AEGIS TRAREDCEN	ECM: BUPERS-32

NOTE: This NEC supports initial pre-comm AEGIS Console Operation Training. If required by already commissioned ships, it may be earned by completion of formal training course S-221-0038 or OJT awarded for E4 and above with one year operational experience on the OJ-719/720 AEGIS computer console and AEGIS computer baseline 6.3 and above; qualified as NAVEDTRA 43398-13A Watchstation 308 AEGIS Display System (ADS0 Operator, and either Watchstation 312 Track Information Coordinator (TIC) or Watchstation 313 Surface Subsurface Supervisor/Surface Subsurface Warfare Supervisor (SWS) and all underlying prerequisite watchstations. OJT based on Commanding Officer's recommendation. Submit NAVPERS 1221/6 to PERS-4013D2.

OS-0347 Ship Self Defense System (SSDS) MK1 Operator

Fulfills the role as the SSDS MK 1 Sensor Supervisor while on watch during Conditions I, IA, III and IV. The Sensor Supervisor functions under the supervision of the Tactical Action Officer (TAO) to control the SSDS configuration, initialize the system and enter appropriate weapons and system doctrine, monitor system status, perform systems operations, and allocate system resources. The Sensor Supervisor evaluates the various threats to own ship. This individual will establish and monitor own ship warfare area posture and doctrine, within the limits of the authority delegated and following the rules of engagement, standing orders and other applicable directions.

Source Rating: OS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0005	CDP: 5395
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

OS-0348 Multi-Tactical Digital Information Link Operator (TADIL)

Operates multiple Tactical Digital Information Links. Directs the tactical integration of joint inter-service link operations, controls communications, overall track processing, sensor information correlation and link integration within the theater of operations. Resolves link operation problems and communicates joint hierarchy interface faults to higher authority.

Source Rating: OS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory (See Notes)	CIN: K-221-0124	CDP: 378F, 382N, 783A
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. OS-0348 will be removed from individual's personnel record by PERS-4013D2 if awarded prior to 1 August 2004. NEC code will be removed on 31 December 2010.
2. Personnel assigned to a billet other than an OS-0348 billet for more than 40 months must re-qualify by successfully completing the formal course (K-221-0124) prior to being re-assigned to an OS-0348 billet.
3. A NAVPERS 1221/6 will be submitted to PERS 4013D2 to remove the OS-0348 NEC code for personnel who fail to qualify.

OS-0349 SSDS MK 2 Advanced Operator

Operates SSDS MK2 consoles and manipulates console controls to access features of the MK2 operational program in support of ship's missions onboard CV/CVN, LHD, and LPD 17 class ships. Assists in development of tactical doctrine, enters tactical doctrine into SSDS MK2, tests tactical doctrine, and recommends changes to tactical doctrine. Utilizes program features that support the following watch positions; Air Intercept Controller, Air Interceptor Controller Supervisor, Amphibious Assault Craft Controller, Auto Track Manager/Sensor Supervisor, Combat Direction Center/Combat Information Center Supervisor, Electronic Warfare Supervisor, Identification Operator, Tactical Information Coordinator, and Sea Combat Air Controller (Surface and Subsurface).

Source Rating: OS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: CTT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-150-0028	CDP: 638K, 02GM
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OS-0350 Interface Control Officer (ICO)

To provide senior enlisted tactical watch-standers and planners with the requisite knowledge of the capabilities and limitations of Link capable units, Data links Link-4A, Link-11, Link-16, and Cooperative Engagement Capability (CEC). Provide necessary skills to plan, implement and monitor a single or multi-link architecture in a Carrier Strike Group, Expeditionary Strike Group, Carrier Strike Force or Naval exercise or operation and understand the impact of the designed architecture on the Common Tactical Picture and Common Operational Picture. Provide fundamental skills to write link-planning documents including an OPTASK Link, JNL request, Link 16 Authorization request and satellite access request messages. Provide the knowledge to supervise the initialization, monitoring, troubleshooting of Link-11 and Link-16 systems, the utilization of collaborative planning tools, as well as the skills needed to maintain a tactical picture, monitor link operations, change system configurations, and maintain voice communications in accordance with the Joint Multi-Tactical Digital Information Link Operating Procedures (JMTOP) and other applicable references.

Source Rating: OS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-2G-0114	CDP: 742M, 742V
Sequence Code: 2	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC: 0348	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Specified Watchstanders are E7-E9. E6 Watchstanders are waiverable by Joint Interface Control Officer (JICO).

SONAR TECHNICIAN (STG/STS)

STG-0402 AN/SQQ-89(V)2/9 Active Sonar Level II Technician/Operator

Performs organizational level maintenance on and operates sonar subsystems including; AN/SQS-56 Sonar System, MK-309 MOD-0 Control Panel, AN/UQN-4 Sonar Sounding Set, AN/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystems; AN/SQQ-28(V) Sonar Signal Processing System, AN/SQR-19(V) TACTAS, and the AN/UYK-25A(V)2 (SIMAS).

Source Rating: STG	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: K-130-0245 (P/L)	CDP: 052D
Sequence Code: 5		NR Ind: R
Component NEC: 0406	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0406 AN/SQQ-89(V)2/(V)9 Sonar Subsystem Level I Operator

Performs equipment light-off, operation, and shut-down of the following subsystems: AN/SQQ-28(V)2/(V)9 Sonar Signal Processing System, AN/SQR-19(V)2/A(V)2 TACTAS, and AN/SQS-56 Sonar for FFG-7 platforms only. Identifies, tracks, and classifies targets and potential targets. Identifies acoustic signatures to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-0269	CDP: 608F
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC: 0411, 0508, 0511	Open to Women: No
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0410 AN/SLQ-48(V) Mine Neutralization Systems (MNS) Operator/Maintenance Technician
Performs operational functions and organizational maintenance on the AN/SLQ-48(V) system.

Source Rating: STG, MN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-647-0931	CDP: 221G
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0411 AN/SQQ-89(V)4/6/10 Sonar Subsystem Level I Operator
Performs equipment light-off, operation and shut-down of the following subsystems; AN/SQQ-28(V)9 Sonar Signal Processing System, AN/SQR-19B(V)1/B(V)3 TACTAS, AN/UYK-25B(V)1 (SIMAS II), and the AN/SQS-53C Sonar. Identifies, tracks, and classifies targets and potential targets. Identify acoustic signatures to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1105	CDP: 140E
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC: 0406, 0508, 0511	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Personnel who previously completed CIN: K-130-0283 are eligible to be awarded NEC STG-0411.

STG-0414 AN/SQQ-89(V)3/5 Active Sonar Level II Technician/Operator
Performs organizational level maintenance on and operates sonar subsystems including; AN/SQS-53B Sonar System, AN/UQN-4/4A Sonar Sounding Set and the AN/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystems; AN/SQQ-28(V) Sonar Signal Processing System, AN/SQR-19(V) TACTAS, AN/UYQ-25A(V)2 or AN/UYQ-25B and the AN/SQS-53B Sonar System.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-130-1131 (P/L)	CDP: 235J
	K-130-1123	091F
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0415 AN/SQQ-89(V) 2/3/4/6/7/8/9/12 Passive Sonar Level II Technician/Operator
Performs organizational level maintenance on and operates sonar subsystems including; Integrated AN/SQR-19(V) Towed Array and AN/SQQ-28(V) Sonobouy Sensors, AN/UYQ-25A(V)2, AN/BQH-7A Oceanographic Data System, AN/SLQ-25A (NIXIE) and the AN/SQQ-89(V) OBT(V)-T. Identify acoustic signatures to source. Operates the following subsystems: AN/SQS-56 or AN/SQS-53B or AN/SQS-53C or AN/SQS-53D sonar and AN/UYQ-25A or AN/UYQ-25B.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-130-1135 (P/L)	CDP: 235N
	K-130-1123	0612
Sequence Code: 5		NR Ind: N
Component NEC: 0406 or 0411	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Personnel who previously completed CIN: K-130-1123 or K-130-0272 are eligible to be awarded NEC STG-0415.

STS-0416 Acoustic Intelligence Specialist

Performs independent duty afloat and ashore as an advisor to Commanding Officers and sonar organizations on acoustic intelligence matters. Reviews documentary, aural and graphically displayed sonar information. Determines nature and origin of acoustic intelligence and prepares acoustic reports. Assists in developing techniques for derivation of maximum information and intelligence value from acoustic data. Prepares and provides briefings and formalized training on acoustic intelligence and related matters.

Source Rating: STS, STG	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B, (N865)	Technical Advisor: ONI	ECM: BUPERS-32

NOTES:

1. Must be physically qualified to perform duty on board submarines. Personnel holding NEC ST-0416 are routinely assigned temporary additional duty (TAD) on board submarines during the qualification program and subsequent sea duty tour.
2. Personnel who are assigned to a billet other than an ST-0416 billet for more than a two year period must requalify at NAVTECHINTCEN prior to being reassigned to an ST-0416 billet. NAVTECHINTCEN will submit a NAVPERS 1221/6 to remove NEC ST-0416 for personnel who fail to qualify.
3. STS personnel must successfully complete a 15-18 month training program (at either UIC 32998, UIC 42914 or UIC 42916) and receive Board qualification at NAVTECHINTCEN for award of NEC ST-0416.
4. STG personnel must successfully complete a 15-18 month training program (at UIC 32998 or UIC 46089) and receive board qualification at NAVTECHINTCEN for award of NEC ST-0416.

STG-0417 ASW Specialist

Assists in planning and preparation for ASW/USW operations. Advises on ASW/USW tactics, ASW/USW system employment, ASW/USW weapons employment and threat interpretations. Analyzes and determines the classification of received acoustic signals. Evaluates target motion analysis and initial reconstruction. Directs the ship's acoustic analysis training and qualification program.

Source Rating: STG	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note	CIN: K-210-0500	CDP: 1271
Sequence Code: 2		NR Ind: R
Component NEC: 0466, 0523 or 0527	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel attending STG-0417 course of instruction must have completed Underwater Fire Control System (UFCS) training. UFCS training is met upon completion of one of the following courses; CIN: K-130-1149, A-130-1165, or A-130-0063.

STS-0419 AN/BSY-1 (XN-1) (V) Advanced Organizational Maintenance Technician

Operates and performs basic Organizational level maintenance, Advanced Organizational level maintenance procedures on the Combat Control/Acoustic set AN/BSY-1 (XN-1) (V) acoustic equipment installed on 688 Class SSNs.

Source Rating: STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0359 (P/L)	CDP: 769R
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STS-0425 AN/BQQ-6 TRIDENT LEVEL III Master Operation and Maintenance Technician

Operates all TRIDENT AN/BQQ-6 subsystems and equipment in all modes and performs all preventive and corrective maintenance on the sonar equipment including advanced corrective maintenance. Provides supervisory guidance to Level I and II trained SSBN personnel in the operation and maintenance of the AN/BQQ-6 sonar system equipment. Performs Division Administrative functions and acts as senior watch supervisor for underway and import sonar watches. Utilizes advanced troubleshooting and systems analysis procedures.

Source Rating: STS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0360 (P/L)	CDP: 769S
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0429 AN/SQQ-89(V) MK-116 Mod 6/7/8 Anti-Submarine Warfare Control System Level II Technician.
Performs organizational level maintenance on subsystems including; Underwater Fire Control MK116 MOD 6/7/8 Anti-Submarine Warfare Control System (ASWCS). Operate the following subsystems; AN/SQS-53B or AN/SQS-53C or AN/SQS-53D sonar and AN/UYQ-25B(V)1 (SIMAS II).

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-0281	CDP: 091E
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Personnel who previously completed CIN: K-130-1101, K-130-0247, or K-130-0280 are eligible to be awarded NEC STG-0429.

STG-0430 Underwater Fire Control System MK-116 MOD 7 Anti-Submarine Warfare Control System Operator
Performs light-off, operation, and shut-down of complete and/or portion of the Underwater Fire Control System (UFCS) MK-116 MOD-7 Anti-Submarine Warfare Control System with the knowledge and skills to function as an Anti-Submarine Warfare Control System Operator (ASWCSO) during all phases of the ASW mission. Accepts, analyzes, and processes targets/contact information from other sources and provides fire control data required to set and launch weapons.

Source Rating: STG	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-130-1149	CDP: 378N
Sequence Code: 4		NR Ind: R
Component NEC: 0411 or 0511	Related NEC: 0516	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0450 Journeyman Level Acoustic Analyst
Classifies surface and subsurface contacts by class and distinguishes between class variants utilizing visual and aural indications of major, minor and transient sound sources and active emissions in a multiple contact environment; interprets indirect and inferred relationships, modulation structures, resonance component and target behavior characteristics; recognizes friendly and threat weapons system acoustic characteristics; and accomplishes acoustic intelligence (ACINT) collection requirements and procedures.

Source Rating: STG, AW, AWO	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-210-0529	CDP: 164X
Sequence Code: 3		NR Ind: R
Component NEC: 7841 (See Note)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Component NEC of 7841 is a requirement for AW and AWO personnel only.

STG-0455 AN/SQQ-89(V) 4/6 Active Sonar Level II Technician
Performs organizational level maintenance on subsystems including; AN/SQS-53C Sonar System, AN/UQN-4/4A Sonar Sounding Set and the AN/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystems; AN/SQQ-28(V) Sonar Signal Processing System, AN/SQS-19(V) TACTAS, AN/SQS-35C(V) 1/2/3 and AN/UYQ-25A(V)2 or AN/UYQ-25B SIMAS.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1134 (P/L) K-130-1106	CDP: 235M 140F
Sequence Code: 5		NR Ind: R
Component NEC: 0411	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STS-0461 AN/BSY-2(V) Advanced Maintainer
Performs organizational level preventive and corrective maintenance, troubleshooting, and fault isolation procedures on the electrical/electronic components of the Acoustic and common portions of the AN/BSY-2(V) Submarine Combat Systems.

Source Rating: STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0356 (P/L)	CDP: 0476
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC: 0419	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0466 Journeyman Surface Ship USW Supervisor

Supervises the activities of sonar operators in the start-up, operation, shut-down, and organizational level maintenance on the AN/SQQ-89(V) USW Combat System and associated equipment. Responsible for on-board sonar system maintenance/operator/watch team training. Evaluate the sonar environment performance threat characteristics, expected operations, and make recommendations for best utilization, as well as other supervisor roles. Perform as an ASWCSO. Evaluate and respond to torpedo threat data. Provide ASW system tactical employment recommendations.

Source Rating: STG	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: K-130-1157	CDP: 316S
Sequence Code: 5	ESTB Date: REV Date: 7/28/10	NR Ind: R
Component NEC: 0450	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Component NEC requirements are waived for personnel holding either STG-0523 or STG-0527.

STG-0469 AN/SQQ-89(V)14 Sensor Level II Technician/Operator

Performs equipment light-off and shut-down, and organizational level maintenance of the AN/SQQ-89(V)14 Sensor Functional Segments including: Hull Sonar Functional Segment (HSFS), LAMPS Sonobuoy Functional Segment (LSFS), On-Board Trainer Functional Segment (OBTFS), and AN/UYQ-70(V) shared display workstations. Recognizes functional segment malfunctions. Utilizes the System Resource Manager (SRM) function and built in Fault Detection/Fault Localization/Fault Isolation (FD/FL/FI) software to isolate and correct faults to the Lowest Replaceable Unit (LRU). Operates the Hull Sonar and LAMPS Functional Segments.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-130-1163	CDP: 02MJ
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: 0476, 0414, 0510	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0476 AN/SQQ-89(V)10 Sensor Level II Technician/Operator

Performs equipment light-off, operation and shutdown of the AN/SQQ-89(V)10 sensor component systems utilizing front panel and remotely located controls. Recognizes normal panel indications and identifies basic and complex malfunctions, and using these symptoms and effect as indicators perform corrective maintenance. Performs organizational level preventive and corrective maintenance. Operates the AN/SQQ-28(V)10, AN/UYQ-25B(V)1 (SIMAS II), and AN/SQS-53C Sonar.

Source Rating: STG	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-130-1154	CDP: 316W
Sequence Code: 5		NR Ind: R
Component NEC: 0455	Related NEC: 0414, 0469, 0510	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STS-0495 Sonar Technician AN/BQQ-5 Series (B/C/D/E) Advanced Maintainer

Operates and performs organizational level maintenance on BQQ-5 or 5(V) submarine sonar equipment and combat system interfaces using advanced maintenance practices to locate and correct malfunctions that are beyond the scope of the built-in Performance Monitoring/Fault Localization (PM/FL) function.

Source Rating: STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0357 (P/L)	CDP: 769M
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STS-0501 Master Sonar Technician

Conducts in-depth acoustic analysis, advanced sonar operations and employment, contact evaluation, and sonar operations coordination required by Leading Petty Officers and Leading Chief Petty Officers onboard submarines.

Source Rating: STS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-130-0342 (P/L) or A-130-0345 and A-130-0349 and A-130-0371 and A-130-0372	CDP: 9299 or 925C, 00Y2, 00Y3 9260 9262 967Y
Sequence Code: 3		NR Ind: N
Component NEC: 0419 or 0425 or 0461 or 0495 or 0518	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: The course that awards this NEC consists of four (4) separate modules which may be attended separately, or in series. Module 1 is Division Management (A-130-0345); Module 2 is Advanced LOFARGRAM Analysis (A-130-0349); Module 3 is Advanced Sonar Employment (A-130-0371); Module 4 is Sonar Operations and Coordination (A-130-0372). Completion of all 4 modules is required for the NEC.

STG-0505 IUSS Analyst

Classifies and positions acoustic contacts from SOSUS, SURTASS, and FDS collected or relayed to an IUSS facility and generates reports to higher authority.

Source Rating: STG, STS, AWO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-130-0366	CDP: 592E
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Those STG personnel that do not receive the IUSS Analyst Course may be awarded the NEC upon successful completion on qualification as a Sensor Operator (SO), completion of one year in an SO operational billet, meet site requirements and are recommended by the Commanding Officer.

STG-0506 IUSS Maintenance Technician

Performs at the organizational level preventative and corrective maintenance on SOSUS, SURTASS, and FDS components.

Source Rating: STG	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-130-0566	CDP: 5741
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Duty Maintenance Technician training will be conducted at IUSS sites. STG personnel who have achieved the Duty Maintenance Technician qualification, have served in that maintenance billet for one year, meet site qualification requirements and are recommended by the Commanding Officer may be awarded the NEC.

STG-0507 IUSS Master Analyst

Conducts in-depth acoustic analysis, multiple ASW platform integration and data fusion. Conducts mission planning and performs contact evaluation based on acoustic contacts from SOSUS, SURTASS and FDS at IUSS facilities.

Source Rating: STG, STS, AW, AWO	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-130-0466	CDP: 5740
Sequence Code: 3		NR Ind: A
Component NEC: 0505	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Onboard Training (OBT) will be conducted at IUSS sites. The NEC will be awarded upon successful site qualification requirements. Personnel who have achieved the Watch Coordinator Billet qualification, have served in that operational billet for one year, meet site qualification requirements and are recommended by the Commanding Officer may be awarded the NEC.

STG-0508 AN/SQQ-89(V)14 Sonar System Level I Operator

Performs equipment light-off, operation and shut-down of the AN/SQQ-89(V)14 Sensor Functional Segments including: Hull Sensor Functional Segment (HSFS), LAMPS Sonobouy Functional Segment (LSFS), and Data Recording Functional Segment (DRFS). Identifies, tracks, and classifies targets and potential targets. Identifies acoustic signature to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1162	CDP: 02MK
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC: 0406, 0411, 0511	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0509 AN/SQQ-89 (V) Adjunct Subsystem Level II Technician

Performs equipment light-off, operation and shutdown of the AN/SQQ-89(V) adjunct subsystem components comprised of the AN/UYQ-65, AN/SQQ-89(V) System Level Recorder (SLR), AN/SQQ-89 (V) Hard Copy Processing System (HCPS), AN/ULQ-132 Tactical Decision Support Subsystem (TDSS), AN/UYQ-25B (V)1 (SIMAS II), Torpedo Recognition and Alertment (TRA) equipment, Signal and Display Local Area Networks (LAN). Recognizes abnormal indications and identifies basic and complex systems malfunctions on the Adjunct Subsystem. Using these symptoms and effects as indicators, the technician performs corrective maintenance. Performs scheduled maintenance.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-130-1156	CDP: 342U
Sequence Code: 5		NR Ind: R
Component NEC: 0429	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0510 AN/SQS-53D Sensor Subsystem Level II Technician/Operator

Performs organizational level maintenance on subsystems including; AN/SQS-53D Sonar System, AN/UQN-4/4A. Sonar Sounding Set and the AN/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystem; AN/SQQ-28(V) Sonar Signal Processing System, AN/AQR-19 (V) TACTAS and AN/UYQ-25B (SIMAS).

Source Rating: STG	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1160	CDP: 342S
Sequence Code: 5		NR Ind: N
Component NEC: 0511	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STG-0511 AN/SQQ-89(V) 8/12 Sonar Subsystem Level I Operator

Performs equipment light-off, operation and shut-down of the following subsystems: AN/SQQ-28(V) Sonar Signal Processing System, AN/SQR-19(V) TACTAS, AN/UYQ-25B(V)1 (SIMAS II), and the AN/SQS-53D Sonar. Identifies, tracks and classifies targets and potential targets. Identify acoustic signatures to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1159	CDP: 342P
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC: 0406, 0411, 0508	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STS-0512 AN/BSY-1 and AN/BQQ-5E Combined Retained Equipment Maintenance Technician

Provides the maintenance technician with the knowledge and skills necessary to perform preventative and operator level corrective maintenance of retained acoustic equipment onboard SSN 688 class and SSBN 726 class submarines.

Source Rating: STS	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-130-0314	CDP: 199N
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: See Note 1	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Related NECs STS-0419 and STS-0495 can be removed from inventory upon awarding of STS-0512.
2. Secret security clearance required.

STG-0516 AN/SQQ-89(V)14 Undersea Warfare Control Operator

Performs equipment light-off, operations and shut-down of the complete and/or portion of the AN/SQQ-89(V)14 Undersea Warfare Control Functional Segment (UFCS) with the knowledge and skills to function as an Anti-Submarine Warfare Control System Operator (ASWCSO) during all phases of the ASW mission. Accepts, analyzes and processes targets/contact information from other sources and provides fire control data required to set and launch weapons.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-130-1164	CDP: 02ML
Sequence Code: 4		NR Ind: R
Component NEC: 0508	Related NEC: 0430	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

STS-0518 Sonar Technician AN/BQQ-10(V) Operator/Maintainer

Operates and performs organizational-level maintenance on AN/BQQ-10(V) submarine sonar system and combat systems interfaces using advanced maintenance practices to locate and correct malfunctions that are beyond the scope of the built-in performance monitoring/fault localization function.

Source Rating: STS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-130-0009 or A-130-0010 or A-130-0038	CDP: 750T, 750U 850S, 2393, 849S, 849U, 850U, 851S or 04DT, 04DU, 04DV, 04DW, 04DX, 04DY
Sequence Code: 4		NR Ind: N
Component NEC: 0419 or 0425 or 0495 or 0461	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STS-0520 Sonar, Combat Control and Architecture (S/CC/A) Equipment Technician

Operates and performs organizational level maintenance on all assigned Architecture (Network), Tactical Control/Information Management, Weapon Control and Acoustic equipment (AN/BYK-6, AN/BYG-1(V) and AN/BQQ-10(V)) of the Sonar, Combat Control and Architecture (S/CC/A) System on board Virginia class (SSN 774) submarines.

Source Rating: STS	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-130-0005 (P/L) or A-150-0037 and A-130-0042	CDP: 02EW 00CD 00CE
Sequence Code: 4	ESTB Date: REV Date: 7/13/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0521 AN/SQQ-89(V)15 Sonar System Level I Operator

Operate all (V)15 functional segments and interpret display data for all USW mission phases. Perform normal, casualty and reduced capability operations in a USW environment. Utilizes the (V)15 System online and offline System Resource Manager (SRM) to support system light-off, shut-down and reconfigurations during tactical situations as instructed by the Sonar Supervisor.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-130-0338	CDP: 626J
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0522 AN/SQQ-89(V)15 Sonar System Level II Technician

Performs system light-off and shut-down, and organizational level maintenance on all AN/SQQ-89(V)15 Functional Segments. Recognizes and interprets system alerts and degraded/casualty indications and malfunctions. Utilizes the System Resource Manager (SRM) built-in Performance Monitor/Fault Detection/Fault Localization (PM/FD/FL) function to locate and correct faults to the Lowest Replaceable Unit (LRU). Performs preventive maintenance procedures as delineated in prescribed maintenance requirement documentation.

Source Rating: STG	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-130-0339	CDP: 626K
Sequence Code: 4		NR Ind: R
Component NEC: 0521	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0523 AN/SQQ-89(V)15 Sonar System Journeyman

Supervises AN/SQQ-89(V)15 Undersea Warfare Combat System equipment operation during all USW mission phases. Recognizes and interprets normal, casualty, and reduced capability operations onboard a ship in a tactical USW environment for all AN/SQQ-89(V)15 Functional Segments. Performs as the Undersea Warfare Control System Operator (USWCSO) using the USW Control Function Segment (UCFS) during all phases of the USW mission. Utilizes the On-board Training Functional Segment (OBTFS) for operator and team training. Utilizes the (V)15 System online and offline System Resource Manager (SRM) to support system reconfigurations during tactical situations.

Source Rating: STG	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-130-1165	CDP: 639U
Sequence Code: 4		NR Ind: R
Component NEC: 0521, 0450	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

STG-0524 AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Sensor Operator

Performs AN/SQQ-89A(V)15 system set-up and configuration procedures based on USW mission parameters. Operates the Acoustic Sensor Functional Segment (ASFS), Passive Acoustic Functional Segment (PAFS), LAMPS Sonobuoy Functional Segment (LSFS), Torpedo Recognition and Alertment Functional Segment (TRAFS), Sonar Performance Prediction Functional Segment-Sonar Tactical Decision Aid (SPPFS-STDA), and Common System Services Functional Segment (CSSFS) in all tactical situations to effectively detect, classify, localize, track and attack USW and small object contacts. Recognizes and interprets system alerts and degraded/casualty indications. Operates the System Resource Manager (SRM) to perform system reconfiguration, clear faults, or assist the maintenance technician with system troubleshooting.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-130-0061	CDP: 02VV
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC 0524 is awarded upon completion of AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Sensor Operator factory training.

STG-0525 AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Maintenance Technician

Performs system light-off and shut-down, and organizational level maintenance on all AN/SQQ-89A(V)15 Functional Segments. Recognizes and interprets system alerts and degraded/casualty indications and malfunctions. Utilizes the System Resource Manager (SRM) built-in Performance Monitoring/Fault Detection/Fault Localization (PM/FD/FL) function to locate the correct faults to the Lowest Replaceable Unit (LRU). Performs preventive maintenance procedures as delineated in prescribed maintenance requirements documentation.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-130-0062	CDP: 02VW
Sequence Code: 4		NR Ind: R
Component NEC: 0524	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Member must attend NEC 0524 course of instruction prior to attending 0525 training.
2. NEC 0525 is awarded upon completion of AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Maintenance Technician factory training. Submit NAVPERS 1221-6 to PERS-4013D2 upon completion of training.

STG-0527 AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Journeyman

Directs, coordinates, monitors, and manages the performance of AN/SQQ-89A(V)15 Sonar Control manned watch stations. Interprets sensor and support equipment outputs, recognizes and responds to environmental and tactical changes, and provides continuous tactical advice. Obtains and maintains a full understanding of the USW situation and makes effective use of the system's sensor and processing resources to achieve mission success. Performs all internal and external communications between the Sonar Control Watch Team and all other ship Watch Teams. In a duel role, operate the Undersea Warfare Control Functional Segment (UCFS) in all tactical situations to effectively classify, localize, track, and attack USW and small object contacts. Contact handling responsibilities include track management coordination including system-level add, merge and drop functions; working with the plotting team in developing TMA solutions; and coordinating contact classification changes between the Sonar Control and Combat Information Center teams. Fire control responsibilities include engagement planning and target prosecution using the Over-the-Side (OTS) torpedoes and VLS-launched ASROC (VLA). Recognizes and interprets system alerts and degraded/casualty indications. Operates the System Resource Manager (SRM) to perform system reconfiguration, clear faults, or assist the maintenance technician with UCFS troubleshooting.

Source Rating: STG	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-130-0063	CDP: 02VX
Sequence Code: 3		NR Ind: R
Component NEC: 0450, 0524	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC 0527 is awarded upon completion of AN/SQQ-89A(V)15 Surface Ship USW Combat Systems Journeyman factory training. Submit NAVPERS 1221-6 to PERS-4013D2.
2. Component NEC requirements are waived for personnel holding either 0466 or 0523. Submit NAVPERS 1221-6 to PERS-4013D2.

STG-0615 IAP Displays Analyst

Operates Inter-array Processor and analyzes video and hard copy outputs.

Source Rating: STG	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: NEC will be awarded upon completion of factory training or on-the-job training (OJT) pending commencement of formal training.

GUNNER'S MATE

GM-0746-0750 Advanced Undersea Weaponsman

Performs intermediate level maintenance on assigned torpedo and associated equipment to include troubleshooting, maintenance and the observance of handling and safety precautions. Employs knowledge of general description, operating principles and functions of all component and systems.

GM-0746 Advanced Undersea MK-46 Maintenance Weaponsman

Source Rating: GM, AO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-123-0174	CDP: 012T
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0750 Torpedo MK 48 Heavyweight Off-line Technician

Provides off-line preventive and basic corrective maintenance at the Intermediate Maintenance Activity (IMA) level for the Afterbody/Tailcone and Fuel Tank sections of the Torpedo MK48, Mod 4, Mod 5 and Mod 6 (ADCAP).

Source Rating: GM, MM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-123-0198	CDP: 03NJ
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0751 Torpedo MK48 Heavyweight On-Line Technician

Provides on-line preventive and basic corrective maintenance at the Intermediate Maintenance Activity (IMA) level for the Guidance and Control section, Warhead section, and Fleet Exercise sections of the MK48 Mod5 and Mod6 (ADCAP); the Nose Group, Command and Control Unit, Warhead Group, and TIES sections of the Torpedo MK48 Mod 4, and MK48 Heavyweight Torpedo all up Rounds.

Source Rating: GM, MM, ET(SS), FT, STS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-123-0198	CDP: 03NJ
Sequence Code: 3		NR Ind: R
Component NEC: 0750	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0812 Small Arms Marksmanship Instructor

Performs specific duties as a Small Arms Marksmanship Instructor. Conducts training in all phases of basic marksmanship, both ashore and afloat, including firearms safety, mechanical training on small arms, instructional and qualification firing, basic range operations, records and reports. Performs preventive maintenance on small arms.

Source Rating: AO, AW, AWR, AWS, FC, GM, MA, MN, MM, STG, SO, EOD, ND, SB (See Note 4)	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0148	CDP: 0165, 703H, 691K
Sequence Code: 7		NR Ind: A
Component NEC: See Note 3	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N889	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel holding 532X or 533X series NECs may be awarded this NEC upon completion of formal training.
2. Source rating MM must be qualified in submarines to be awarded NEC.
3. Source ratings AW, AWR, and AWS must hold NEC AW-7815 prior to assignment of this NEC.
4. For all ratings other than AO, AW, FC, GM, MA, MN, MM, STG, SO, EOD, ND and SB, the NEC can be awarded but will not be used to identify billets.

GM-0814 Crew Served Weapons (CSW) Instructor

Provides Command personnel training to qualify as command anti-terrorism (AT) watchstanders as a Crew Served Weapons operator. In addition, this person will assist the AT Training Supervisor in the development and conduct of AT exercises, CSW Casualty Control drills and tactical employment of CSW training. The CSW Instructor will maintain a command CSW training program and assist the ATO with readiness and vulnerability assessments.

Source Rating: AO, AW, FC, GM, MA, MN, MM, STG, SO, EOD, ND, SB (See Note 1)	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-830-2215	CDP: 00C6, 03JU
Sequence Code: 7		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: For all ratings other than AO, AW, FC, GM, MA, MN, MM, STG, SO, EOD, ND and SB, the NEC can be awarded but will not be used to identify billets.

GM-0870 MK 46 MOD 2 Gun Weapon System (GWS) Technician

Perform planned and corrective maintenance on the MK 46 MOD 2 GWS at the organizational level onboard San Antonio (LPD) and Littoral Combat Ship (LCS) class ships. Perform casualty analysis, fault detection/isolation, modular replacement, repair, test, and alignment of individual equipment using Built-In-Test capability. Operate and perform watch standing duties on the MK 46 MOD 2 GWS Remote Operating Console and associated equipment in support of the ship's combat system during tactical, training, and test/evaluation evolutions.

Source Rating: GM, FC	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: See Note	CIN: A-113-0039	CDP: 06LT
Sequence Code: 4	ESTB Date: 9/1/09 REV Date:	NR Ind: A
Component NEC:	Related NEC: 0879	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: The NEC will be awarded by completion of the formal follow-on training course currently under development or through completion of the factory training course, CIN A-113-0039, and OJT awarded for E-3 and above with a minimum of 1 year operational experience on the MK 46 MOD 2 GWS. OJT based on Commanding Officer's recommendation. Submit NAVPERS form 1221/6 to PERS-4013 via the ECM (BUPERS-32).

GM-0878 Oto Melara 76 MM/62 Caliber Gun Mount MK-75 MODS 0/1 Maintenanceman
Operates and maintains the 76 MM/62 Caliber Gun Mount.

Source Rating: GM	Billet Paygrades: E1-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-113-0040	CDP: 404L
Sequence Code: 4	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0879 5"/54 Caliber Gun System MK-45 MOD 1 and 2 Maintenanceman
Operates and maintains the 5/54 caliber MK-45 MOD 1 and 2 Gun Mount. Uses general and special purpose electronic test equipment to perform organizational level maintenance.

Source Rating: GM	Billet Paygrades: E1-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-113-1118	CDP: 744W
Sequence Code: 3	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0880 5”/62-Caliber MK 45 MOD 4 Gun Mount Maintenance
Operates and maintains the 5”/62-Caliber MK 45 MOD 4 Gun Mount. Uses general and special purpose test equipment and built-in test equipment to perform organizational level maintenance. Loads, stows, and unloads 5”/62-Caliber ammunition. Inspects and maintains magazines including magazine sprinkling systems.

Source Rating: GM	Billet Paygrades: E1-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-113-2101	CDP: 735A
Sequence Code: 4	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: R
Component NEC: 0879	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0979 MK-41 VLS Baseline IV Through VII Technician
Operate, maintain, fault isolate and perform repair procedures on the MK-41 VLS Baselines IV through VII unique equipment.

Source Rating: GM	Billet Paygrades: E1-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-121-0580	CDP: 627A, 627B
Sequence Code: 4	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: R
Component NEC: 0981	Related NEC: 0983	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0981 and 0983 Guided Missile Launching Systems and Missile Maintenance Technician
Operates, inspects, and performs organizational and/or intermediate level maintenance on electric-hydraulic powered guided missile launching systems, missile equipment, and explosive components. Prepares missile components and associated equipment for checkout and/or firing. Tests and repairs electrical control circuitry, electronic and magnetic amplifiers, and power supplies using standard and special test equipment. Personnel in paygrades E-7 and above will supervise the foregoing, organize and monitor system test teams, and instruct junior personnel in all aspects of their assigned equipment.

GM-0981 MK-41 Vertical Launching System Maintenance Technician

Source Rating: GM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-121-0522	CDP: 1993, 575C
Sequence Code: 4	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GM-0983 MK 41 Vertical Launching System (VLS) Advanced Technician
Performs intermediate level maintenance and repair on the MK 41 Vertical Launching System (VLS) at Fleet Group and selected shore activity commands.

Source Rating: GM	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-1000	CDP: 0136
Sequence Code: 3	ESTB Date: REV Date: 11/24/09 (HPRR)	NR Ind: N
Component NEC: 0981	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FIRE CONTROLMAN

FC-1101 Fire Control System (FCS) MK-92 MOD 6 Coherent Receiver/Transmitter (CORT) Technician

Performs preventive and corrective maintenance, casualty analysis, fault isolation, and operates, tests, aligns, and repairs equipment such as the Coherent Receiver/Transmitter (CORT), Combined Antenna System (CAS), Separate Track and Illuminating Radar (STIR) director and associated equipment, the servo control cabinet, and the weapons control consoles. Performs overall operation, maintenance and repair of the MK-92 Mod 6 system in tactical situations and during combat system operability tests.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0102	CDP: 9684
Sequence Code: 5	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC:	Related NEC: 1102	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1102 MK-92 Fire Control System Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational and intermediate level using NAVSEA 05 Technical Manuals, circuit diagrams and other appropriate documentation. Performs casualty analysis and fault isolation. Operates, tests, aligns, and repairs equipment such as the Combined Antenna System (CAS) and the Separate Track and Illuminating Radar (STIR) director and associated equipment, the servo control cabinet and the weapons control consoles. Performs overall operation, maintenance and repair of the MK-92 system in tactical situations and during combat system operability tests.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0080	CDP: 036X
Sequence Code: 5	ESTB Date: REV Date: 1/24/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1104 AEGIS Combat System (BL4) Maintenance Supervisor

Directs and coordinates maintenance actions, test and performs operational procedures on all AEGIS Combat System elements to achieve performance standards meeting design specifications. Directs and coordinates the efforts of AEGIS Combat System personnel to ensure an integrated approach to achieving full combat system operational status. Isolates faults within an AEGIS Combat System through systematic diagnosis of results of operational tests. Monitors and performs preventive and corrective maintenance through test procedures to ensure performance in accordance with AEGIS Combat System design operational specifications.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-0548	CDP: 941F
Sequence Code: 3		NR Ind: R
Component NEC: 1105 or 1331 or 1336	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1105 AEGIS Weapon System MK-7 Technician

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7 Technician including the interface with other systems. Organizes equipment technicians as a system team. Assists maintenance officer in scheduling equipment.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3		NR Ind: R
Component NEC: 1107 or 1115 or 1119 or 1143 or 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1107 AEGIS Radar System (SPY-1A) Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test System MK-1 supported by microfiche work packages and other appropriate technical documentation. Performs fault isolation, tests, aligns, and repairs individual equipment. Operates system consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-104-0191	CDP: 035D
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1109 MK-31 RAM Mod 3 O&M

Designed to provide an operational and maintenance difference description of the MK-31 RAM Mod 3 GMWS, including system capabilities, Weapon Control Panel Operations, and maintenance knowledge to personnel with the RAM 1145 NEC.

Source Rating: FC	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-2103	CDP: 7891 (East Coast)
Sequence Code: 4		NR Ind: R
Component NEC: 1145	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1110 TOMAHAWK Weapon System (VLS) Maintenance Technician

Performs preventive and corrective maintenance for the alignment adjustment removal repair and replacement of equipment to include computer diagnostic tests fault isolation of casualties to the lowest replaceable assembly (printed circuit card or main frame mounted piece part) removal and replacement of interconnecting wiring harnesses and alignment/adjustment procedures.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1111 AEGIS Combat System Computer System Maintenance Technician/AEGIS Ballistic Missile Defense Computer Technician

Performs preventative and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test System MK-1, supported by appropriate technical documentation. Performs fault isolation, testing, alignment, and repair on individual equipment. Operates system consoles and other equipment employed in support of the ship’s combat system in a tactical situation and during test and evaluation in a BMD environment.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-150-0274 or A-150-0430	CDP: 198G or 03NZ
	A-150-0044	01ZF
	S-121-1122	9138, 999C, 999D, 999E
Sequence Code: 4	ESTB Date: REV Date: 7/10/09	NR Ind: A
Component NEC: 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 21F	ECM: BUPERS-32

FC-1112 AEGIS Ballistic Missile Defense Weapon System Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS Weapon System MK-7, including the interface with other systems in a BMD environment. Organizes equipment technicians as a system team in a BMD environment. Assists maintenance officer in scheduling equipment in a BMD environment.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0547 and	CDP: 198N
	(A-104-0005	06F8, 06HG, 982C, 998S, 998T, 998U
	A-113-0005	06F9, 06HH, 981Y, 998V, 998W, 998X
	A-121-0014	06FA, 06HJ, 981V, 9995, 9997, 9998
	A-2F-0006	06FB, 06HK, 981X, 9999, 999A, 999B
	S-150-0024	00A1, 00A2, 00A3, 06FC, 06HL, 9149
	S-2E-1011	06FD, 06HM, 9130, 999R, 999S, 999T
	S-2F-0028)	06FE, 06HN, 9135, 999U, 999V, 999W
	or	
	S-121-0547 and	198N
	A-121-0090	00BT
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 1340, 1341, 1342, 1343, 1344	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1113 AEGIS SPY-1B/D (TK II)/AEGIS Ballistic Missile Defense SPY Radar Operator

Performs preventative and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test system MK-1, supported by appropriate technical documentation. Performs fault isolation, testing, alignment, and repair on individual equipment. Operates system consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evaluation in a BMD environment.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0265	CDP: 03LM
	A-104-0005	06F8, 06HG, 982C, 998S, 998T, 998U
	A-113-0005	06F9, 06HH, 981Y, 998V, 998W, 998X
	A-121-0014	06FA, 06HJ, 981V, 9995, 9997, 9998
	A-2F-0006	9178, 999J, 999K, 999L
	S-150-0031	06FB, 06HK, 981X, 9999, 999A, 999B
	S-2E-1011	06FD, 06HM, 9130, 999R, 999S, 999T
	S-2F-0028	06FE, 06HN, 9135, 999U, 999V, 999W
Sequence Code: 4	ESTB Date: REV Date: 7/10/09	NR Ind: A
Component NEC: 1119	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 21F	ECM: BUPERS-32

Note: Individuals who have previously completed CIN S-104-0210 are not required to attend CIN A-104-0265 to earn this NEC.

FC-1114 AEGIS Fire Control System MK-99/Operational Test System MK-1 Technician/AEGIS Ballistic Missile Defense Fire Control System Operator

Performs preventative and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test System MK-1, supported by appropriate technical documentation. Performs fault isolation, testing, alignment, and repair on individual equipment. Operates system consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evaluation in a BMD environment.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-104-0211 or A-104-0300	CDP: 198J or 03EX
	A-104-0005	06F8, 06HG, 982C, 998S, 998T, 998U
	A-113-0005	06F9, 06HH, 981Y, 998V, 998W, 998X
	A-121-0014	06FA, 06HJ, 981V, 9995, 9997, 9998
	A-2F-0006	06FB, 06HK, 981X, 9999, 999A, 999B
	S-2E-1011	06FD, 06HM, 9130, 999R, 999S, 999T
Sequence Code: 4	ESTB Date: REV Date: 7/10/09	NR Ind: A
Component NEC: 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 21F	ECM: BUPERS-32

FC-1115 AEGIS Combat System Display Maintenance Technician

Operates and performs organizational level maintenance on the AEGIS display system UYA-4(V) including the use of special tools and test equipment operational test alignments and adjustments recognition and interpretation of malfunctions documented fault isolation procedures techniques to employ when procedures fail to isolate the malfunction and disassembly and reassembly procedures.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-150-0238	CDP: 035B
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1116 Gun Computer System (GCS) MK 160 MOD 11/Electro-Optical Sensor System (EOSS) MK 20 MOD 0 Fire Control Technician

Performs planned and corrective maintenance on the GCS MK 160 MOD 11 and EOSS MK 20 MOD 0 of the Gun Weapon System MK 34 MOD 4 at the organizational (Journeyman) and intermediate levels onboard Ticonderoga (CG) class ships. Performs casualty analysis, fault detection/isolation, modular replacement, repair, test, and alignment of individual equipment using Built-in-Test capability. Operates and performs watchstanding duties on the GCS MK 160 MOD 11 Gun Consoles (Gunfire Control Supervisor/GFCS & Gun Engagement Consoles/GEC) and Gun Mount Control Panel (GMCP), and associated equipment in support of the ship's AEGIS combat system during tactical, training, and test/evaluation evolutions.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0009	CDP: 04ZF
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 1146, 1120, 1139	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Secret clearance required.

FC-1119 AEGIS Radar System (SPY-1B/D) Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test system MK-1, MOD, supported by appropriate technical documentation. Performs fault isolation, tests aligns, and repairs individual equipment. Operates system consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0265	CDP: 198K
Sequence Code: 5	ESTB Date: REV Date: 7/10/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 21F	ECM: BUPERS-32

NOTE: Individuals who have previously completed CIN S-104-0210 are not required to attend CIN A-104-0265 to earn this NEC.

FC-1120 GCS MK-160 MOD 4 Fire Control Technician

Performs planned and corrective maintenance (piece part repair) on the Gun Computer System MK-160 MOD 4 of the Gun Weapons System MK-34 MOD 0 at the organizational and intermediate levels. The GCS MK-160 MOD 4 includes the Gun Console Computer, Computer Display Console, recorder-reproducer, Signal Data Converter/Gun Mount Processor and other equipment. Performs system test and alignment of the GCS MK-160 MOD 4. Operates the equipment during Conditions I and II.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-113-0131	CDP: 574Z
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1121-1169 Automatic Gunfire Control Systems Technicians

Performs preventive and corrective maintenance on assigned equipment at the organizational and/or intermediate level using ordnance publications, circuit diagrams, and other appropriate documentation. Performs casualty analysis and fault isolation, and operate, test, align and repair individual equipment, the system and the interface with other systems. Operates the director(s), computer(s), radar console(s) and associated equipment as applicable in support of the ship's weapons system in a tactical situation and during test and evaluation.

FC-1121 CIWS MK-15 BLOCK 11-14 Technician

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0114	CDP: 156A, 574Y
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: 1127	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1122 Phalanx Close-In Weapon System MK 15 MOD 21, 22, and 25 (BLOCK IB) Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational and/or intermediate level using ordnance publications, circuit diagrams, and other appropriate documentation. Performs casualty analysis and fault isolation; operate, test, align and repair individual equipment, system and associated interfaces. Performs search, threat evaluation, acquisition, tracking, engagement and kill assessment of assigned targets. Operates Local Control Station (LCS), computer, Remote Control Station (RCS) and associated loading equipment as applicable in support of the ship's weapon system.

Source Rating: FC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0206	CDP: 663P, 02VS
Sequence Code: 5		NR Ind: N
Component NEC: 1121	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1136 Tactical Tomahawk Weapon Control System (TTWCS) Operation and Maintenance (O&M) Technician

The TTWCS O&M Technician operates the Advanced Tomahawk Display Console (ATDC) to receive and process Mission Data Updates, Launch Sequencing Plans, Tasking Messages and Over the Horizon-Targeting Data Base related messages; prepares Engagement Plans for over water routes to fly missiles to preplanned land fall waypoints; performs missile selection, monitors missile alignment and launch system status; performs equipment monitoring, reconfiguration when casualty is experienced, fault isolation and repair of equipment utilizing system diagnostic software; performs Launch Platforms Mission Planning for Block III and Tactical Tomahawk missiles; performs and monitors post launch activities such as retargeting and mission flexing of missiles, receipt of enroute Battle Damage Indication Imagery (BDII) and health and status messages.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-121-0015 or A-121-0016 (see note)	CDP: 627J, 981T 01MW, 01MX, 627K, 981U
Sequence Code: 4	ESTB Date: REV Date: 8/10/09	NR Ind: N
Component NEC:	Related NEC: 1110, 1332	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel who attended CIN: A-121-1334 Advanced Tomahawk Weapons Control Systems (ATWCS), Launcher Control Group-Replacement (LCGR), Operation and Maintenance will attend A-121-0016 ATWCS to TTWCS Maintenance and Operations Differences to earn NEC 1136.

FC-1139 GCS MK 160 MOD 8/OSS MK 46 MOD 1 Fire Control Technician

Performs planned and corrective maintenance on the Gun Computer System MK 160 MOD 8 and Optical Sight System MK 46 MOD 1 of the Gun Weapon System MK 34 MOD 1 at the organizational and intermediate levels. Performs casualty analysis, fault detection/isolation, modular replacement, repair, test and alignment of individual equipment using Built-In-Test Capability. Operates the GCS Gun Console (GC) and OSS Control and Display (CDC) consoles and associated equipment in support of the ship's combat weapon system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0125	CDP: 582L
Sequence Code: 4		NR Ind: R
Component NEC: 1120	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1140 AN/SPS-48E Search Radar Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational and/or intermediate level using ordnance publications, circuit diagrams and other appropriate documentation. Performs casualty analysis, fault isolation and operates, tests, aligns, and repairs individual equipment, the system and the interface with other systems. Operates the radar consoles and associated equipment in support of the ship's weapons system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0206	CDP: 574U
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1143 AEGIS Fire Control System MK-99/Operational Test System MK-1 Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test system MK-1 supported by appropriate technical documentation. Performs fault isolation, tests aligns, and repairs individual equipment. Operates system consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-104-0211	CDP: 198J
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: All grads of CIN S-104-0192 are eligible to hold FC-1143

FC-1144 AEGIS Combat System (BL 4) Computer System Maintenance Technician

Operates and performs organizational level maintenance on AEGIS Weapons system MK-7 computer complex (SPY-1B/D, C and D, and WCS) and associated peripheral equipment installed in AEGIS ship Combat systems.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-150-0274	CDP: 198G
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1145 Rolling Airframe Missile (RAM) MK-31 Guided Missile Weapons Systems Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational level using appropriate documentation, tools and test equipment. This includes testing, casualty analysis, fault isolation, alignment, and repair of the individual equipment, the total system and the interface with other systems.

Source Rating: FC	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-113-0128	CDP: 575D
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1146 Gun Computer System (GCS) MK 160 MOD 9/10 Fire Control Technician

Performs planned and corrective maintenance on the Gun Computer System MK 160 MODs 9 and 10 of the Gun Weapon System MK 34 MODs 2 and 3, respectively, at the organizational intermediate levels. Performs casualty analysis, fault detection/isolation, modular replacement, repair, test and alignment of individual equipment using Built-In-Test capability. Operates the GCS Gun Console (GC) and associated equipment in support of the ship’s combat-weapon system in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-113-0196	CDP: 749F
Sequence Code: 4		NR Ind: R
Component NEC: 1139	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1147 NATO Sea Sparrow Surface Missile System MK-57 MOD 2, 3 Technician

Performs preventive and corrective maintenance on MK-91 MOD 2 GMFCS and MK-29 MOD 1 GMLS at the organizational level, using ordnance publications, circuit diagrams, and other appropriate documentation. Performs casualty analysis and fault isolation. Operates, tests, aligns, and repairs individual equipment, the system and the interface with other systems. Operates the digital computer, the director, the TV systems, the radar console, the firing officer's console, the GMLS MK-29 MOD 1 and associated equipment in support of the ship's weapon system in tactical situation and during test evaluation.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0204	CDP: 574T
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1148 AEGIS Fire Control System Technician, Track III

Performs preventative and corrective maintenance on the MK-99 AEGIS Fire Control System, MK84 400Hz Power Distribution System, and the Air Cooled Solid State Frequency Power Generation System on Baseline 7.1 and higher AEGIS units (CG and DDG).

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-104-0328	CDP: 03X2
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC: 1143	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1149 Improved Point Defense Target Acquisition System MK-23 (IPD/TAS)

Performs preventive and corrective maintenance on assigned equipment at the organizational and/or intermediate level using appropriate documentation, tools and test equipment. Performs casualty analysis and fault isolation and operates, tests, aligns, and repairs individual equipment, the system and the interface with other systems.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-121-0471	CDP: 591D
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1152 AN/SYQ-27 Naval Fire Control System (NFCS) Phase I Fire Control Technician

Performs planned and corrective maintenance on the AN/SYQ-27 NFCS Phase I Tactical Rack at the organizational level. Performs casualty analysis, fault detection/isolation, modular replacement, repair and test using Built-In Test Capability. Operates the AN/SYQ-27 NFCS Phase I System to conduct naval surface fires mission planning and coordination, recommends execution of fires mission and processes digital and voice Calls-For-Fire (CFF). Supports the safe and effective fire employment of conventional gun ammunition and the Extended Range Guided Munition.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0052	CDP: 647L, 00A0
Sequence Code: 4	ESTB Date: REV Date: 8/10/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1156 NATO Seasparrow Surface Missile System (NSSMS) MK 57 MODS 10/11

Performs preventative and corrective maintenance on the rearchitectured NSSMS equipment at the organizational level, using ordnance publications, circuit diagrams, and other appropriate documentation. Performs casualty analysis and fault isolation. Operates, tests, aligns, and repairs individual equipment, the system and the interface with other systems.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-104-0231	CDP: 00EV
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 1147	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-471)	ECM: BUPERS-32

FC-1157 Improved Self Defense Surface Missile System Technician

Directs and coordinates work performed by assigned technicians, including the operation of the Missile Weapons system and associated equipment in support of ship's weapons system in tactical situations and during test and evaluations. Organizes equipment technicians as a system team. Assists maintenance officer in scheduling equipment maintenance.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-121-0553	CDP: 591G
Sequence Code: 3		NR Ind: A
Component NEC: 1147 or 1149	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1164 Ship Self Defense System (SSDS) MK1 Maintenance Technician

Performs documented organizational-level, preventive and corrective maintenance, under supervision, on SSDS MK1 equipment. The SSDS MK 1 Maintenance Technician will be responsible for alignment, adjustment, configuration, removal, and replacement to the lowest replaceable unit. The Maintenance Technician will perform diagnostic testing and system validation of the LAN and associated equipment as described in system or equipment technical documentation. The SSDS MK 1 Maintenance Technician prepares SSDS MK 1 for tactical, training, or testing operations and monitors system performance during operations. SSDS MK 1 equipment consists of the OK-644(V) Command Control Group, Single and Multi LAN Access Unit (LAU) Cabinets (SLCs and MLCs), Large Screen Projectors, Fiber Optic Data Distribution and ETHERNET interfaces, and associated File Servers and Application Processors. Personnel holding this NEC will direct or perform maintenance activities that may affect the operating system such as using UNIX (HP-UX) networking utilities and commands needed to support the maintenance philosophy.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-150-0006	CDP: 5396
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC-1165 Ship Self Defense System (SSDS) MK1 Systems Technician

The SSDS MK1 Systems Technician fulfils two roles in the SSDS MK1: (1) Functions as the Weapons Supervisor while on watch during Conditions I, IA, and III providing immediate reaction necessary to counter air threats to the ship. (2) Directs and supervises the maintenance activities of the SSDS MK1 Maintenance Technicians and other personnel performing maintenance on the SSDS MK1 system.

Source Rating: FC	Billet Paygrades: E6-E7	Personnel Paygrades: E5-E8
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 0347, 1164	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTE: NEC 1165 is awarded by completing CIN: A-150-0005 Ship Self Defense System (SSDS) MK1 Operator (NEC FC-0347) and CIN: A-150-0006 Ship Self Defense System (SSDS) MK1 Maintenance Technician (NEC FC-1164). Personnel eligible to be awarded this NEC should submit NAVPERS Form 1221/6 signed by their Commanding Officer to PERS-4013D2.

FC-1169 HARPOON (AN/SWG-1A) Maintenance Technician

Performs preventive maintenance, as outlined in maintenance requirement cards (MRCs) and Technical Manuals. Performs corrective maintenance for proper operations by alignment, adjustment, removal, repair and replacement of equipment assemblies, sub-assemblies and components. Performs diagnostic tests and isolates casualties and faults to the lowest replaceable assembly including removal and replacement of interconnecting wiring harnesses.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: J-113-1000	CDP: 197W, 0280
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FIRE CONTROL TECHNICIAN

FT-1174 Combat Control System MK-1 Vertical Launch Subsystem Organizational/Intermediate Level Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control System MK-1 Vertical Launch subsystem on 688 class SSNs.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-130-0301	CDP: 108U
Sequence Code: 5		NR Ind: R
Component NEC: 1175	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1175 Combat Control System MK-1 MOD 1 Organizational/Intermediate Level Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control System MK-1 MOD 1 on 688 and 637 class SSNs.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1179 AN/BSY-1(XN-1)(V) Organizational/Intermediate Level Maintenance Technician
Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control/Acoustic set AN/BSY-1 Combat Control on 688 class SSNs.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0181 (P/L)	CDP: 1419
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1194 AN/BSY-2(V) Advanced Maintainer
Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the AN/BSY-2 Combat Control System and multiple system interfaces using advanced practices to locate and correct malfunctions that are beyond system diagnostic routines.

Source Rating: FT	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0008	CDP: 03KA
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-11AA Shipboard Protection System (SPS) AN/SSQ-132(V)1 Operations and Maintenance Technician
Stands watch at the SPS consoles located either in the bridge or CIC during Anti-Terrorism Force Protection (AT/FP) Force Protection Condition (FPCON) Bravo and above while in port, anchor, or during restricted maneuvering. Operators will utilize SPS as a Force Protection (FP) tool to identify,classify, and engage potential asymmetric threats via non-lethal and lethal effectors. Performs preventive and corrective maintenance on all SPS associated equipment to include the High Intensity Search Light, Acoustic Hailing Device, Electro-Optic Sensors, Electronic Assembly, and the MK-49 MOD 0 Gun Weapon System.

Source Rating: FC, ET, GM, STG	Billet Paygrades:	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-130-0058	CDP: 06K5
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: All SPS training prior to FY13 is factory training until follow-on formal schoolhouse training is established. Submit NAVPERS 1221/6 to PERS-4013.

MINEMAN

MN-1204 Submarine Launched Mobile Mine Technician
Assembles, maintains, tests and stores Submarine Launched Mobile Mine (SLMM) sub-assemblies and components for delivery as a complete unit to the organizational level.

Source Rating: MN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-647-2755	CDP: 293M
Sequence Code: 4	ESTB Date: 4/93 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N859	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MN-1205 Underwater Mine Test Set Maintenance Technician
Performs organizational and intermediate level operation checks, preventive maintenance, fault isolation and periodic calibration of Underwater Mine Test Set and ancillary equipment.

Source Rating: MN	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-647-2754	CDP: 293L
Sequence Code: 5	ESTB Date: 7/93 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N859	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MN-1210 Versatile Exercise Mine System (VEMS) Operator

Performs normal operational procedures on the Versatile Exercise Mine (VEM) MK 74 Mod 1, Exercise Support System (ESS), Overside Body Handling System (OSBHS) MK 9 with Overside Body (OSB) MK5.

Source Rating: MN	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: A-647-2758	CDP: 641K
	A-647-2756	293T
Sequence Code: 5	ESTB Date: 10/97 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N859	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MN-1211 Versatile Exercise Mine System (VEMS) Technician

Performs normal operational, preventive and corrective maintenance procedures to include documented fault isolation and repair procedures on the Versatile Exercise Mine (VEM) MK 74 Mod 1, Exercise Support System (ESS), Overside Body Handling System (OSBHS) MK 9 with Overside Body (OSB) MK5 and Depot Automatic Test Set (DATE).

Source Rating: MN	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-647-2758	CDP: 293T
Sequence Code: 4	ESTB Date: 10/97 REV Date:	NR Ind: A
Component NEC: 1210	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N859	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MN-1212 AN/SQQ-32(V)3 Minehunting Sonar Set (MSS) Maintenance Technician

Detects, diagnoses and isolates equipment failures using computer aided Preventive Maintenance/Fault Location (PM/FL) software, Fault Logic Diagrams (FLD), schematics, wiring and logic diagrams. Corrects faults by removal and replacement of failed modules and components. Prepares system documentation such as OPNAV 4790/2K, logs and maintenance schedules.

Rating: MN, ET, STG	Billet Paygrades: E4-E7	Personnel Paygrades: E2-E8
Course: Mandatory	CIN: A-130-0370	CDP: 06JA
Sequence Code: 3	ESTB Date: 7/98 REV Date: 5/27/10	NR Ind: R
Component NEC: 1213	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

MN-1213 AN/SQQ-32(V)3 Minehunting Sonar Set (MSS) Operator

Operates the MSS during Minehunting/Minesweeping evolutions. Performs light-off, Operation, and Shut down of the MSS. Recognizes abnormal panel and PM/FL indications. Identifies, tracks, and classifies possible mine like objects.

Rating: MN	Billet Paygrades: E3-E7	Personnel Paygrades: E2-E8
Rating: ET, STG, OS	Billet Paygrades: E4-E7	Personnel Paygrades: E2-E8
Course: Mandatory	CIN: A-130-0369	CDP: 06J9
Sequence Code: 4	ESTB Date: 7/98 REV Date: 5/27/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MN-1214 AN/SQQ-32 (V) 4 Minehunting Sonar Set (MSS) Operator

Operates the MSS during Minehunting/Minesweeping evolutions. Performs light-off, operation, and shut down of the MSS. Recognizes abnormal display and Performance Monitoring/Fault Logic indications. Identifies, tracks, and classifies possible mine-like objects.

Rating: MN	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-130-0048	CDP: 06JZ
Sequence Code: 4	ESTB Date: 10/09 REV Date:	NR Ind: A
Component NEC:	Related NEC: 1213	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVSURWARCEN	ECM: BUPERS-32

NOTE: Secret Security Clearance required.

MN-1215 AN/SQQ-32 (V) 4 Minehunting Sonar Set (MSS) Maintenance Technician

Detects, diagnoses, and isolates equipment failures using computer aided Preventative Maintenance/Fault Location (PM/FL) software, Fault Logic Diagrams (FLD), schematics, wiring and logic diagrams. Corrects faults by removal and replacement of failed modules and components. Prepares system documentation such as OPNAV 4790/2K, logs, and maintenance schedules.

Rating: MN	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-130-0093	CDP: 06K0
Sequence Code: 4	ESTB Date: 10/09 REV Date:	NR Ind: A
Component NEC: 1214	Related NEC: 1212	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVSURWARCEN	ECM: BUPERS-32

NOTE: Secret Security Clearance required.

FIRE CONTROL TECHNICIAN

FT-1312 CCS MK-2 MOD 0 Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with Combat Control System (CCS) MK-2 MOD 0, including the installed submarine Central Computer complex and ancillary devises. Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1313 CCS MK-2 MOD 1 Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control System (CCS) MK-2 MOD 1 (Vertical Launch Subsystem) equipment, including the installed submarine Central Computer complex and ancillary devises. Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-130-0301	CDP: 108U
Sequence Code: 4		NR Ind: N
Component NEC: 1312	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1314 CCS MK2 BLK 1 (all MODs) Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control System (CCS) MK2 Block 1 MODs 0/1/2/3 (SSN 688, 688I, SSBN 726), including the installed Submarine Central Computer complex and ancillary devices. Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0003	CDP: 3328
Sequence Code: 4		NR Ind: N
Component NEC: 1174 or 1175 or1179 or 1194 or 1312 or 1313 or 1315 or 1320 or 1327	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1315 CCS MK-2 MOD 3 Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the Combat Control System (CCS) MK-2 MOD 3 TRIDENT Fire Control Subsystem/Data Processing Subsystem. Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1316 AN/BYG-1 (V) TI04 Combat Control Maintenance Technician

Operates and performs organizational level maintenance on all assigned Tactical Control / Information Management (TC/IM), and Weapons Control (WC) equipment (AN/BYG-1 (V) TI04). Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0205	CDP: 993C
Sequence Code: 4		NR Ind: R
Component NEC: 1312 or 1313 or 1314 or 1315 or 1320 or 1179 or 1174 or 1175 or 1194	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be eligible for submarine service duty.

FT-1317 SSGN Tactical Tomahawk Weapon Control System (TTWCS) Operator

Performs normal operations and basic preventive maintenance on the TTWCS system and associated support and test equipment. Assists in correcting TTWCS casualties. Performs internal and external communications. Troubleshoots and performs operational readiness test of systems, and adheres to safety precautions applicable to the SSGN TTWCS system. Participate in weapon system evolutions.

Source Rating: FT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-113-0201	CDP: 789W, 789X
Sequence Code: 6		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

FC-1318 AEGIS Computer Network Technician, Track II

Performs preventive and corrective maintenance on the ADS MK6 and UYQ-70 Display Systems on Baseline 7 Phase I, DDG-91 and follow-on AEGIS Destroyers.

Source Rating: FC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-150-0279	CDP: 652N
Sequence Code: 2		NR Ind: N
Component NEC:	Related NEC: 1335	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1319 SSGN Tactical Tomahawk Weapon System (TTWCS) Maintenance Technician

Perform organizational and/or intermediate level maintenance and operate all assigned equipment with the TTWCS and associated support and test equipment on the 726 Class SSGN TTWCS. Troubleshoot and perform operational readiness test of the system and adhere to safety precautions applicable to the SSGN TTWCS. Isolate and repair system faults and failures. Participate in SSGN TTWCS evolutions.

Source Rating: FT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-113-0202	CDP: 789Y, 789Z
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

FT-1320 TRIDENT MK-118 Combat Control System Maintenance Technician

Performs organizational and/or intermediate level maintenance and operates all assigned equipment with the MK-118 TRIDENT Fire Control Subsystem/Data Processing Subsystem. Conducts preventive maintenance and troubleshooting analysis. Isolates and repairs system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0215	CDP: 00ET
	A-113-0216	00EW
	A-113-0217	00EY
	A-113-0218	00F0
	A-113-0219	00F2
	A-113-0221	00F6
	A-113-0222	00F8
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1321 Combat Systems Senior Enlisted

Performs duties as the senior enlisted principal advisor to the Combat Systems and Operations Officer as well as the Tactical Action Officer (TAO) during tactical situations. Provides tactical, technical, administrative and training expertise in all warfare areas.

Source Rating: FC, OS, GM, STG, ET, MN, CTT	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: J-500-2104	CDP: 382C
Sequence Code: 2	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1322 AEGIS Display Technician

Operates and performs organizational level maintenance on the AEGIS Display Suite of equipment for DDG 59-78 including the use of special tools and test equipment, operational test, alignment and adjustments, recognition and interpretation of malfunctions, documented fault isolation procedures, techniques to employ when procedures fail to isolate the malfunction, and disassembly and reassembly.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-150-0275	CDP: 960W
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1324 AGFCS MK 86 MOD 9 Systems Technician

Performs preventive and corrective maintenance at the organizational level on the MK 86 Gun Fire Control System configuration found on Ticonderoga class CG's using ordnance publications, circuit diagrams and other appropriate documentation. Performs casualty analysis and fault isolation, and operates, tests aligns and repairs individual equipment, sub-systems and interfaces. Operates the consoles and associated equipment as applicable in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0065	CDP: 738A
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1325 Cooperative Engagement Capability (CEC) AN/USG-2 Cooperative Engagement Transmission Processing Set (CETPS) Technician

The CEC AN/USG-2 CETPS Technician will perform preventative and corrective maintenance for the alignment, adjustment, removal and replacement of Lowest Replaceable Units. Perform casualty analysis utilizing computer diagnostic testing to fault isolate and ensure restoration of the AN/USG-2 CETPS.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-150-1001	CDP: 3013, 5739, 749A
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-465)	ECM: BUPERS-32

NOTE: Awarded upon completion of Factory Training.

FC-1326 AN/SPQ-9B Radar Technician

Performs preventive and corrective maintenance at the organizational level on the AN/SPQ-9B ASMD radar using ordnance publications, circuit diagrams and other appropriate documentation. Performs casualty analysis and fault isolation, and operates, tests aligns and repairs individual equipment, sub-systems and interfaces. Operates the consoles and associated equipment as applicable in a tactical situation and during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-113-0162	CDP: 316K, 474L
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1327 Fire Control Technician Basic Maintainer

Possesses knowledge and skills required to operate and perform basic preventive maintenance on Submarine Fire Control Systems and perform basic network administrative functions on submarine installed Local Area Networks (LAN) and associated peripheral equipment.

Source Rating: FT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-113-0133	CDP: 6709 and 986E
Sequence Code: 6		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1328 Master Fire Control Technician

Possesses knowledge and skills required to direct contact management and weapon control teams in advanced tactics, Torpedo Employment, Over-The-Horizon Targeting, Electronic Plot Evaluation, and Submarine Tomahawk Weapon Control System Employment.

Source Rating: FT	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-113-0002 (P/L)	CDP: 313P
Sequence Code: 3		NR Ind: R
Component NEC: 1174 or 1175 or 1179 or 1194 or 1312 or 1313 or 1315 or 1320	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1329 Combat Control Subsystem Equipment Operator

Operates the AN/BYG-1 (V) TI-00/02 Combat Control Subsystem.

Source Rating: FT	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-113-0200	CDP: 641G
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FT-1330 Combat Control, Sonar and Architecture (CC/S/A) Equipment Technician

Operates and performs organizational level maintenance on all assigned Architecture (Network) Tactical Control/Information Management, Weapon Control and Acoustic equipment (AN/BYK-6, AN/BYG-1(V) and AN/BQQ-10(V) of the Combat Control, Sonar and Architecture (CC/S/A) System of the VIRGINIA Class Submarine.

Source Rating: FT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-150-0037 A-113-0204 A-113-0006 (P/L)	CDP: 00CD 993B 02EZ
Sequence Code: 4		NR Ind: R
Component NEC: 1329, 1327	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1331 AEGIS Weapons System Technician

Direct, coordinate and operate the AEGIS Weapons System including: SPY-1D(V), CND, WCS, ADS, FCS, VLS, SM2, ORTS, ACTS and AEGIS Combat System (ACS) interfaces via local area networks (LANs) with other systems. Provide supervision and guidance for organizational maintenance through the element level technicians.

Source Rating: FC	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-121-0574	CDP: 735B
Sequence Code: 2		NR Ind: R
Component NEC: 1105 or 1107 or 1115 or 1119 or 1335 or 1336 or 1143 or 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1332 Over The Horizon-Targeting (OTH-T) Supervisor

OTH-T Supervisor ensures the integrity and functional operability of Tomahawk and associated interface systems for effective missile employment.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: See Notes	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 1110 or or 1136	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. This NEC may be earned by completion of three formal training courses:

a. TTWCS Watch Officer	CIN: A-121-0017	CDP: 632Y, 632Z
b. OTH-T C4I Course	CIN: K-2G-0127	CDP: 378H, 230E, 7420, 767D, 991F, 991G, 991H
c. C4I Systems Engineering Course	CIN: K-121-0181	CDP: 587D, 741Z, 767E, 980G, 06MU, 991D, 991E
or		
TTWS-E Course	CIN: K-221-0165	CDP: 00SM

Personnel who complete the three formal courses listed will be awarded NEC FC-1332. Submit NAVPERS 1221/6 to PERS-4013D2.

2. Per guidance set forth in NTP S-30-9411, upon assignment to staff duty, (group and numbered fleets) NEC FC-1332 qualified personnel will attend two additional courses:

a. TLAM Tactical Commanders Course CIN: K-2G-3005

b. MDS Staff Employment Course CIN: J-2F-2100

Prospective Staff Tomahawk Employment Assistants should utilize a "Functional Area Code" (FAC) in the manning requisition, requiring this additional training.

FC-1335 UYQ-70 Computer/Display LAN Technician

Performs preventive and corrective maintenance for the UYQ-70 Local Area Network (LAN), its interface and associated equipment. The technician will be responsible for alignment, adjustment, configuration, removal, replacement of the lowest replaceable unit to include diagnostic testing and system validation of the UYQ-70 LAN and all associated equipment. This equipment will include the ADS and CND UYQ-70 Consoles, X-STAB monitors, Bridge Routers to interface other LANs, Fiber Optic Data Distribution and ETHERNET interfaces and their associated File Servers and Application Processors, HP-UX and HP-RT. This will include the Unix networking utilities and commands needed to support the maintenance philosophy described above.

Source Rating: FC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-150-0277	CDP: 313V
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC-1336 AEGIS Weapons Systems Technician TRACK 3

Will direct, coordinate and operate the AEGIS Weapons System including: SPY-1, CND, WCS, ADS, FCS, VLS, SM2, ORTS, ACTS and AEGIS Combat Systems (ACS) interfaces via the AEGIS Weapons System Subnet. Provide supervision and guidance for organizational maintenance through the element level technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3		NR Ind: N
Component NEC: 1105 or 1107 or 1115 or 1119 or 1143 or 1144 or 1335	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: AEGIS TRAREDCEN	ECM: BUPERS-32

FC-1337 AN/SPY-1D (V) Radar Technician

The AN/SPY-1D(V) technician will operate and maintain the AEGIS Baseline 7 Phase 1 Commercial-Off-the Shelf (COTS) based radar system.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-104-0996	CDP: 5583
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: AEGIS TRAREDCEN	ECM: BUPERS-32

FC-1339 AEGIS Computer Network Technician, Track III

The AEGIS Computer Network Technician, Track III will perform preventive and corrective maintenance for the ADS MK6 and UYQ-70 Display Systems on Baseline 7 Phase IR, DDG-103 and follow-on AEGIS Destroyers.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0182	CDP: 00RG
Sequence Code: 2		NR Ind: N
Component NEC:	Related NEC: 1335, 1318	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1340 AEGIS Weapon System MK-7 (TK-II) Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer in scheduling equipment maintenance requirements.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 1341, 1342, 1343 1344	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: This NEC is awarded based on advancement to E-7 of personnel who hold one of the component NECs. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC will be required.

FC-1341 AEGIS Weapon System MK-7 (TK-II) Technician/AN/SPY-1 Radar (TK-I or II) Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AN/SPY-1 Radar technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0547, S-104-0191 S-104-0210	CDP: 198N, 035D, 198K
Sequence Code: 3		NR Ind: N
Component NEC: 1107, 1119	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1342 AEGIS Weapon System MK-7 (TK-II) Technician/AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 (TK-I or II) Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3		NR Ind: N
Component NEC: 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1343 AEGIS Weapon System MK-7 Technician (TK-II)/AEGIS Computer System (TK-II) Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Computer System technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-150-0274, S-121-0547	CDP: 198G, 198N
Sequence Code: 3		NR Ind: N
Component NEC: 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1344 AEGIS Weapon System MK-7 (TK-II) Technician/AEGIS Display System (TK-I or II) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Display System technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0547, S-150-0238 S-150-0275	CDP: 198N, 035B 960W
Sequence Code: 3		NR Ind: N
Component NEC: 1115, 1322	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1345 AEGIS Computer Network Technician (ACNT) (TK IV)
Performs preventive and corrective maintenance for the AEGIS Display System and AN/UYQ-70 Display Systems on AEGIS Baseline CR2 for Cruiser Modernization program (CGM) CG-52 and follow-on (CG) upgrades.

Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-150-0301	CDP: 04P0
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC: 1318, 1335, 1339	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Special qualification requires an FC-0000 Data Apprentice.

FC-1350 AEGIS Weapon System MK-7 (TK-III) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer in scheduling equipment maintenance requirements.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 1351, 1352, 1355	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: This NEC is awarded based on advancement to E-7 of personnel who hold one of the component NECs. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC will be required.

FC-1351 AEGIS Weapon System MK-7 (TK-III) Technician/AN/SPY-1 Radar (TK-II) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AN/SPY-1 Radar technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-104-0210, S-121-0005	CDP: 198K, 5584
Sequence Code: 3		NR Ind: N
Component NEC: 1119	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1352 AEGIS Weapon System MK-7 (TK-III) Technician/AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 (TK-II) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3		NR Ind: N
Component NEC: 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1355 AEGIS Weapon System MK-7 Technician (TK-III)/AEGIS Computer Network Technician (TK-I) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Computer Network technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-150-0277, S-121-0005	CDP: 313V, 5584
Sequence Code: 3		NR Ind: N
Component NEC: 1335	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1360 AEGIS Weapon System MK-7 (TK-IV) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer in scheduling equipment maintenance requirements.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 1361, 1362, 1365	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: This NEC is awarded based on advancement to E-7 of personnel who hold one of the component NECs. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC will be required.

FC-1361 AEGIS Weapon System MK-7 Technician (TK-IV)/AN/SPY-1 Radar (TK-III) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AN/SPY-1 Radar technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-104-0996, S-121-0574	CDP: 5583, 735B
Sequence Code: 3		NR Ind: N
Component NEC: 1337	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1362 AEGIS Weapon System MK-7 Technician (TK-IV)/AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 (TK-II) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Fire Control System MK-99/Operational Readiness Test System MK-1 technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-121-0574, S-150-0211	CDP: 735B, 198J
Sequence Code: 3		NR Ind: N
Component NEC: 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1365 AEGIS Weapon System MK-7 (TK-IV) Technician/AEGIS Computer Network Technician (TK-II or III) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Computer Network technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-150-0279, S-150-0182 S-121-0574	CDP: 652N, 00RG, 735B
Sequence Code: 3		NR Ind: N
Component NEC: 1318, 1339	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1370 AEGIS Weapons System MK-7 (CR2) Supervisor

Performs the operation and direct organizational level maintenance on the AEGIS Weapons System, provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline CR2 upgrades (CG-52 to CG-58).

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 2		NR Ind: N
Component NEC: 1107, 1371, 1372, 1375	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1371 AEGIS Weapons System MK-7 (CR2) Technician/AN/SPY-1A Radar Supervisor

Performs the operation and direct organizational level maintenance on the AEGIS Weapons System, provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline CR2 upgrades (CG-52 to CG-58).

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 2		NR Ind: N
Component NEC: 1107	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1372 AEGIS Weapons System MK-7 (CR2) Technician/AEGIS Fire Control System MK-99 Supervisor

Performs the operation and direct organizational level maintenance on the AEGIS Weapons System, provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline CR2 upgrades (CG-52 to CG-58).

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 2		NR Ind: N
Component NEC: 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1375 AEGIS Weapons System MK-7 (CR2) Technician/AEGIS Computer Network Technician Supervisor

Performs the operation and direct organizational level maintenance on the AEGIS Weapons System, provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline CR2 upgrades (CG-52 to CG-58).

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 2		NR Ind: N
Component NEC: 1345	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ELECTRONICS TECHNICIAN

ET-1403 AN/WSC-6(V)5 Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance

Provide Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operational tests on the AN/WSC-6(V)5 SHF SATCOM terminal and related baseband equipment. Uses general purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0011	CDP: 9387
Sequence Code: 4	ESTB Date: REV Date: 9/1/09	NR Ind: R
Component NEC:	Related NEC: 1404, 1405, and 1406	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

ET-1404 AN/WSC-8 Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance

Provide Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operational tests on the AN/WSC-8 SHF SATCOM terminal and related baseband equipment. Uses general purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0012	CDP: 9519
Sequence Code: 4	ESTB Date: REV Date: 9/1/09	NR Ind: R
Component NEC:	Related NEC: 1403, 1405, and 1406	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

ET-1405 AN/WSC-6(V)7 Combatant Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance

Provide Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operational tests on the AN/WSC-6(V)7 SHF SATCOM terminal and related baseband equipment. Uses general purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0147	CDP: 651H, 651G
Sequence Code: 4	ESTB Date: REV Date: 9/1/09	NR Ind: R
Component NEC:	Related NEC: 1403, 1404, and 1406	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

ET-1406 AN/WSC-6(V)9 Combatant Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance

Provide Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operational tests on the AN/WSC-6(V)9 SHF SATCOM terminal and related baseband equipment. Uses general purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-101-0145	CDP: 651D, 651E
Sequence Code: 4	ESTB Date: REV Date: 9/1/09	NR Ind: R
Component NEC:	Related NEC: 1403, 1404, and 1405	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

ET-1407 AN/SSC-12 Shipboard Air Traffic Control Communications (SATCC) Technician

Performs organizational level planned and corrective maintenance actions on an air traffic control (ATC) digital communication switching system. Monitor and poll computer diagnostics to verify operational status, use general purpose and built-in test equipment for fault isolation; administer features, functions and software setting to meet user needs, remove and replace circuit card and modular component assemblies to the lowest repairable unit (LRU), perform communication checks to verify connectivity with Line of Sight (LOS) UHF radios, connectivity of relay interfaces to shipboard announcing and flight deck communications, connections to sound power circuits and interface with digital and analog ship's service telephone system using ISDN protocol. Possess in-depth knowledge of and troubleshooting experience with UHF/VHF communications equipment, including line-of-sight (LOS) transceivers, control indicators, equipment racks and multi-couplers.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: See Note	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC: 1570	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Change Primary Advisor to read: OPNAV (N88) vice OPNAV N882 Change Note to read: NEC may be awarded after formal training at the FAA Academy in Oklahoma City, OK. The course title is "Shipboard Air Traffic Control Communications (SATCC) (U.S. Navy)", course FAA40048 (AMA-413). Submit NAVPERS 1221/6 to PERS-4013D2.

ET-1410 AN/SRC-55(V) HYDRA Technician

Operates and performs organizational level maintenance with limited supervision on the AN/SRC-55(V) HYDRA Wireless Communications System which can include from 4 to 14 repeaters with Site Controller, System Manager, 40 to 600 plus portable radios, several fixed radio stations, multiple battery chargers/conditioners and an extensive Radiating Transmission Line (RTL) (leaking coaxial cable) antenna (2,000 to 14,000 ft) throughout the ship, depending on ship class. Demonstrates knowledge of organizational procedures, repair and maintenance standards, quality assurance and electrical/electronic safety procedures. Performs work as systems manager including but not limited to system database management and reprogramming, radio inventory/issue management, and radio reprogramming.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: IC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0212	CDP: 633G, 633H
Sequence Code: 4	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR, NAVSEA 05	ECM: BUPERS-32

ET-1413 Meteorologist Equipment Maintenance Technician

Aligns and performs organizational level maintenance on weather radar, weather satellite receiving system, facsimile recorders, automatic weather station, runway visibility equipment, shipboard sounding equipment and rawinsonde system.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-2010	CDP: 390M
Sequence Code: 4	ESTB Date: REV Date: 10/1/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1419 Electromagnetic Compatibility Technician

Performs tests, measurements and analysis of EMI-related signals using antenna and transmission line test sets, arc detector test sets, radiation hazard monitoring instrumentation, and inter modulation interference (IMI) test sets.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AT, FC, CTT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-101-0250	CDP: 187D
Sequence Code: 3	ESTB Date: REV Date: 10/1/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1420 Surface HF Communications System Maintenance Technician

Maintains and monitors the operational readiness of a surface ship's exterior communications suite on a system level. Performs preventive and corrective maintenance on the surface ship's exterior communications system. Possesses in-depth knowledge of and troubleshooting experience with HF communications equipment, including the AN/URT-23 series, the AN/URA-38, R2368A/URR LF/MF/HF receiver, CV-2460, AN/URA-17, and their interfaces.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0258	CDP: 452X
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA (05), SPAWAR, USCYBERFOR (N13)	ECM: BUPERS-32

ET-1424 Communications Equipment (SRQ-4) Technician

Performs maintenance on electrical, mechanical, digital and radio frequency (RF) components of the SRQ-4. Diagnosis faults, removes and replaces parts to the lowest replaceable unit (LRU).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0209	CDP: 073E, 452P
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA (05), SPAWAR, USCYBERFOR (N13)	ECM: BUPERS-32

ET-1425 Communications Equipment (WSC-3/UHF DAMA) Technician

Performs organizational level maintenance on the WSC-3 (V) SATCOM and LOS transceivers, OE-82 antenna, SRA-33 multicoupler, CV-9351/WSC control indicator, and WSC-3 equipment rack, OK-454(V)/WSC single DAMA, OK-455(V)/USC dual DAMA and OS-9123/SRC UHF multicoupler.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0138	CDP: 4323, 452L
Sequence Code: 4	ESTB Date: REV Date: 10/1/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1428 Small Combatant Communications Electronic Subsystem Technician

Performs organizational level maintenance on communication electronics systems installed on small combatants. Equipment includes: NAVMACS(V)3 system, WSC-3, VRC-46, AN/URT-23, AN/URA-38 antenna coupler and R2368A/URR LF/MF/HF receivers. NAVMACS (V)3 system includes training on all components of NAVMACS (V)2 system.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0217 (P/L)	CDP: 452T
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: N
Component NEC: 1420, 1425, 1452	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA (05), SPAWAR, USCYBERFOR (N13)	ECM: BUPERS-32

ET-1429 Flight Deck Communications Systems (FDCS) Maintenance Technician

Operates and performs organizational level maintenance on FDCS (AN/SRC-47(V)) equipment. FDCS includes the AN/SRC-48(V) base station and various support equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0210	CDP: 452R
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1430 AN/USC-38 (V)2, 3 Maintenance Technician

Performs start-up, initialization, shutdown, emergency procedures, equipment checkouts, and alignment procedures on the AN/USC-38(V) and C-12509C, (NECC/TIP). Also, performs preventive and corrective maintenance, calibration, and assembly.

Source Rating: ET	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0269	CDP: 213A, 390D
Sequence Code: 4	ESTB Date: REV Date: 10/13/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1433 Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance Technician

Perform operations, preventative and corrective maintenance on the AN/WSC-6A(V)5, AN/WSC-6A(V)7, AN/WSC-6A(V)9, and AN/WSC-8(V)2 SHF SATCOM terminals and related base-band equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0014	CDP: 00EM
Sequence Code: 4	ESTB Date: REV Date: 9/17/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 1405, 1406	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-1452 NAVMACS(V)3 Shipboard Maintenance Technician

Performs organizational level maintenance on SYQ-7(V)3 (NAVMACS(V)3) communication systems control central equipment consisting of UYK-20 computer/processor, TSEC/KG-36 key generator, TT-624 line printer, RD-397/U paper tape reader/punch, ON-143 V/USQ interconnecting group, USH-26 Mag tape unit, USQ-69 data terminal set, and ancillary equipment. NAVMACS(V)3 system includes all components of NAVMACS(V)2 system.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0214	CDP: 452S
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1458 VERDIN/ISABPS Communications Systems Technician

Performs organizational level maintenance on the URC-62 multiplex communication system (VERDIN) and Integrated Submarine Automatic Broadcast Processing System (ISABPS) equipment including UYK-20 digital data processing set, UYK-22 cryptographic auxiliary units, USH-23 magnetic disk storage units, Model 40 video display teletype units, CAS-1 data synchronizers, red/black isolation units, tuning pattern generators, Fredericks Model 1300 and 1350 Baud Rate converter, URT-30 and WRR-7 digital data communications systems, and 0-1695 cesium beam frequency standards.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0140	CDP: 9929
Sequence Code: 4	Related NEC:	NR Ind: R
Component NEC:	ESTB Date: REV Date: 10/1/09	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1459 Mobile Maintenance System Technician

Possesses the basic knowledge and skills required to facilitate operation and maintenance of Mobile Systems at the organizational level to include: Mobile Systems Automated Data Processing (ADP), Suite Maintenance, AN/PRC-150 High Frequency (HF) Communication System, TMR-8092 HF Communication System, AN/PRC-117 Very High Frequency/Ultra High Frequency (VHF/UHF) radio, AN/USC-54 (V) Versa Module Eurocard (VME) Integrated Communications System (VICS), International Maritime Satellite (INMARSAT) B, AN/TSR-9 Global Broadcast System and the AN/USC-60A Super High Frequency (SHF) Communication System.

Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0137 (P/L)	CDP: 05WK
Sequence Code: 3	ESTB Date: 6/14/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2/N6	Technical Advisor: SPAWAR PMW-750	ECM: BUPERS-32

NOTE: Secret Security Clearance required.

ET-1460 Limited Communications Security (COMSEC) Maintenance Technician

Performs organizational level maintenance on KY-57/58, AN/USC-43, KG-84A/C, KW-46, KG-194, and associated common fill devices, to include inspections, servicing, removing and replacing faulty assemblies or chassis mounted components. Diagnoses faults by using prescribed procedures, Built-In-Test Equipment (BITs), and Special and General Purpose Electronic Test Equipment (SPETE/GPETE) as required.

Source Rating: ET, CTM, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-160-0116	CDP: 213J, 453W
Sequence Code: 4	ESTB Date: REV Date: 10/26/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA (05), SPAWAR, CYBERFOR (N13)	ECM: OPNAV (N132D5)

ET -1465 Special Maintenance (AN/GSC-52(V), GSC-39, FSC-78/79 SHF Satellite Terminal) Technician.

Performs organizational maintenance on DSCS AN/GSC-52 (V) State-of-the-Art Medium Terminal (SAMT) satellite communications equipment, DSCS GSC-39, FSC-78, or FLTSATCOM FSC-79 satellite ground terminal equipment, and USC-28(V) satellite communication set.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0729	CDP: 181N
Sequence Code: 4	ESTB Date: REV Date: 10/1/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1471 URN-25 Tactical Air Navigation Technician

Perform organizational and/or intermediate level maintenance on assigned navigation equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-0239	CDP: 4256, 452Z
Sequence Code: 5	ESTB Date: REV Date: 10/25/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-1486 Single Audio System (SAS)

Performs organizational level maintenance on the SAS Communications system consisting of the SA-2112(V) STQ SWM (ASAS only) and C-10276/SSC Control Indicator consisting of the following subsystems: TA 970, 980 (MSAS only), 990, C-10315/V (MSAS only), C-10316/F, C-10276/SSC (ASAS only). Performs limited maintenance on the TSEC/KY-57/58, TSEC/KG-84 and the AN/WSC-43 equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-160-0125 (P/L)	CDP: 390K, 453X
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC: 1460	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA (05), SPAWAR, CYBERFOR (N13)	ECM: BUPERS-321D

ET-1491 FFG-7 Class Navigation Electronics Subsystem Technician

Performs organizational level maintenance on navigation electronics subsystems installed on FFG-7 Class ships. Performs repairs, replacement, and maintenance on the SPS-55 radar, radar repeaters, URN-25 TACAN, SRN-12 OMEGA, and SRN-19 Radio Navigation equipment.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-0295 (P/L)	CDP: 066J, 453B
Sequence Code: 4	ESTB Date: REV Date: 7/27/10 (HPRR)	NR Ind: R
Component NEC: 1471 and 1504	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1493 Tactical Support Communications (TSCOMM) Replacement Program Maintenance Technician

Performs organizational level maintenance on the ASCOMM system and subsystem equipment, including line of sight and satellite UHF transceiver, HF receiver, modems, computers, high speed printers, voice terminals, Chirpcom, Data Link 11, and ASW Center Command and Control system (ASWCCCS). Performs limited maintenance on KG-40, KG-48 family, KY-57/58, KY-65/75 and ANDVT COMSEC equipment. Provides systems continuity through total in/out signal training, and performs system tests to verify proper system operations.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-101-0817	CDP: 702X
Sequence Code: 4	ESTB Date: REV Date: 10/1/09	NR Ind: N
Component NEC: 1460	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-1494 LHD Class Radio Communications System Maintenance Technician

Performs planned and corrective organizational level maintenance on the AN/URC-109(V) VLF-HF Radio Communications Group, the AN/SSQ-33(V) Surface Ship Exterior Communications Control System, and associated remote controlled equipment. Isolates faulty modules to the Lowest Replaceable Unit (LRU) for forwarding to the depot for repair. Performs system diagnostic tests to isolate system faults and verify satisfactory operation.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0234	CDP: 577P
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-14AA Common Submarine Radio Room (CSRR) Maintenance Technician

Provide Electronics Technicians with the knowledge and skills necessary to effectively perform journeyman level preventative and corrective maintenance on Common Submarine Radio Room (CSRR) equipment for OHIO (SSBN/SSGN), SEAWOLF, VIRGINIA and LOS ANGELES Class submarines.

Source Rating: ET	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-101-0020	CDP: 00BS
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 14CM/14TM	Open to Women: Yes
Primary Advisor: OPNAV N87	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14AB Common Submarine Radio Room (CSRR) Equipment Operator

Provide Electronics Technicians with the knowledge and skills necessary to effectively operate Common Submarine Radio Room (CSRR) equipment for OHIO (SSBN/SSGN), SEAWOLF, VIRGINIA and LOS ANGELES Class submarines.

Source Rating: ET	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-101-0019 or W-101-1116	CDP: 00BN or 00DL or 00DM or 00LW
Sequence Code: 4	ESTB Date: REV Date: 11/9/09	NR Ind: R
Component NEC:	Related NEC: 14RO/14TO	Open to Women: No
Primary Advisor: OPNAV N87	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14BH SSN 774 Class Electronic Support Equipment Maintenance Technician

Performs organizational level maintenance on all assigned Photonics (AN/BVS-1) and Electronic Support (AN/BLQ-10(V)) Equipment.

Source Rating: ET, CTM	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-233-0106 and A-233-0008	CDP: 768S and 5234
Sequence Code: 4	ESTB Date: REV Date: 5/24/10	NR Ind: N
Component NEC: 14RO	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Component NEC 14RO not required for CTM source rating.

ET- 14CM SSN Radio Frequency (RF) Equipment Technician

Performs all tasks, as they pertain to communications supervisors associated with submarine communications and operations. Operates and performs preventive and organizational maintenance on the following SSN Communications equipment/systems: EHF, VLF, HF, UHF, and SHF.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-101-0291 (P/L)	CDP: 305Y
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14EM SSN ESM Equipment Maintenance Technician

Performs Electronic Intelligence analysis. Operates and performs preventive and organizational maintenance on the following submarine electronic equipment/systems: TYPE 8B/J Periscope, WLR-8(V)2, Type 18 Periscope, and HPI Receiver.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-233-0117 (P/L) A-233-0040 A-233-0083 A-233-0099 A-102-0157	CDP: 2087 4351 263M 768R 544Q
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14GM SSGN Navigation Maintenance Electronics Technician

Performs troubleshooting and maintenance on Navigation, Radar, Ship Control, Interior Communications, and other selected electronic equipment found on SSGN submarines.

Source Rating: ET	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0415 and A-102-0007	CDP: 04R1 and 3027
Sequence Code: 4		NR Ind: N
Component NEC: 14NO or 14XO	Related NEC: 14NM, 14NP, 14TK, 14XM	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Secret clearance and normal color vision required. Must complete PETT and Senior Navigation.

ET-14HH SSN 21 Class ESM Technician

Operates and performs preventive and organizational maintenance on the following SSN 21 Class submarine electronic equipment/systems: AN/BLD-1 Direction Finding System, Type 18 ADF Periscope, Type 8J MOD 3 Periscope, AN/WLQ-4(V)1 ESM Suite, and Type 18H MOD 1 Periscope.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14NM Navigation Equipment Maintenance Technician

Operates and performs organizational preventive and corrective maintenance on the following SSN 688 class submarine navigation equipment. AN/WSN-7(A), AN/WSN-7(B), AN/WRN-6, AN/BPS-15(H), Digital Depth Detector, AN/WIC, Central Atmosphere Monitoring System, Electromagnetic Log.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0392 (P/L)	CDP: 036W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14NO Navigation Equipment Operator

Performs start-up, initialization, shutdown, emergency procedures, equipment checkouts, and alignment procedures on submarine navigation equipment, forward electronic equipment that do not require the use of test equipment. Performs cataloging, inventorying, and preparation of navigation charts.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC will be OJT awardable to personnel currently serving on SSN/SSBN who have successfully completed the Submarine Navigation Operator qualification card.

ET-14NP SSN 774 Class Navigation and Ship's Electronic Equipment Technician

Operates and performs organizational preventive and corrective maintenance on the following SSN 774 class submarine navigation equipment: AN/WSN-7(A), AN/WSN-7(B), AN/BPS-16, Central Atmosphere Monitoring System Mark II, Digital Electromagnetic Log, and Ship Control system maintenance.

Source Rating: ET	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-102-0130	CDP: 04HH
Sequence Code: 4		NR Ind: R
Component NEC: 14NM	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14NV SSN/SSBN Assistant Navigator

At sea, acts as assistant to the Navigator for the safe navigation of the ship. Ashore, is assigned to submarine staffs to coordinate submarine routing and operations, prevent mutual interference, and ensure safety of submerged operations.

Source Rating: ET	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC will be awarded to personnel who have successfully completed the Submarine Assistant Navigator qualification card.

ET-14RO SSN Radio Frequency (RF) Equipment Operator

Provides Electronics Technicians with basic skill sets necessary to draft basic standard Navy messages, perform EKMS user tasks, operate RADAR, operate EHF/SLVR units and perform basic Electronic Surveillance (ES) tasks on SSN/SSBN/SSGN submarines.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0391 (P/L)	CDP: 768J
Sequence Code: 6	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14TK SSN 21 Navigation Technician

Operates and performs preventive and organizational level maintenance on the following equipment: AN/WSN-7(A) & (B), AN/BPS-16 Radar, AN/WRN-6 GPS, CAMS MK II, AN/WIC-2B, Digital Depth Detector, and Digital EM Log.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0255	CDP: 02UF
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14TM TRIDENT I/II Radio Frequency (RF) Equipment Maintenance Technician

TRIDENT Exterior Communications Subsystem (ECS) Radio Room Maintenance Technician.

Source Rating: ET	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-101-0730	CDP: 654B
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14TO TRIDENT I/II Radio Frequency (RF) Equipment Operator

TRIDENT Exterior Communications Subsystems (ECS) Integrated Radio Room Operator.

Source Rating: ET	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-101-0726	CDP: 385A
Sequence Code: 6		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14XM Electronics Technician Trident II SWS D-5 Backfit SWS Navigation Maintenance Technician

Perform organizational and/or intermediate level maintenance on the TRIDENT II (D-5) Backfit SWS Navigation, Forward Electronic and Quartermaster equipment on TRIDENT SSBNs with the TRIDENT II D-5 Backfit SWS Navigation System.

Source Rating: ET	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-193-0445 (P/L)	CDP: 588T, 588U
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

ET-14XO Electronics Technician Trident II SWS D-5 Backfit SWS Navigation Operator

Perform all SWS Navigation, Forward Electronic and Quartermaster operator tasks and SWS Navigation maintenance task not requiring the use of test equipment on TRIDENT SSBNs with the TRIDENT II D-5 Backfit SWS Navigation System.

Source Rating: ET	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-193-0444 (P/L)	CDP: 588R, 588S
Sequence Code: 6		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

ET-14ZA AN/BRD-7 Submarine Radio Direction Finding (RDF) Set Maintenance Technician
Operates and performs preventive and organizational level maintenance on the AN/BRD-7 RDF system.

Source Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0127	CDP: 535W
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-14ZQ SSN/SSGN AN/BLQ-10A (V) Submarine Electronic Warfare Support (ES) Equipment Operator
Performs all operator task/function skills associated with the AN/BLQ-10A (V) Submarine Electronic Warfare Support (ES) System (AN/BLQ-10 (V)) under all conditions of readiness in port and underway.

Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0550 (P/L)	CDP: 07HM
Sequence Code: 4	ESTB Date: 8/26/10 REV Date:	NR Ind: N
Component NEC:	Related NEC: 14RO	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel must be qualified for submarine duty to be awarded this NEC code.

ET-14ZR SSN/SSBN AN/WLR-8(v) Submarine Electronic Warfare Support (ES) Equipment Operator
Performs operator task/function skills associated with the AN/WLR-8(v) Submarine Electronic Warfare Support (ES) System under all conditions of readiness in port and underway.

Rating: ET	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-233-0057	CDP: 449B
	A-233-0300	06V8
Sequence Code: 4	ESTB Date: 3/3/11 REV Date:	NR Ind: N
Component NEC:	Related NEC: 14ZQ	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-323C

NOTE: Personnel must be qualified for submarine duty to be awarded this NEC code.

ET-1503-1511 Radar Technicians
Perform organizational and/or intermediate level maintenance on radar. Make power output checks and minimum discernible signal tests. Check standing wave ratio. Inspect and locates faulty wave guide and transmission line sections. Align RF, IF and video amplifier circuits for malfunctions, diagnose symptoms and isolate, localize and replace faulty components and parts to restore equipment to optimum operating condition.

ET-1503 Radar (SPS-49) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-104-0176	CDP: 453H
Sequence Code: 4	ESTB Date: REV Date: 7/27/10(HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1504 Radar (SPS-55) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN: A-104-0162	CDP: 350S, 453G
Sequence Code: 4	ESTB Date: REV Date: 7/27/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: NEC may be earned by either formal training or by OJT. If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.

ET-1507 Radar (SPS-67(V)) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0177	CDP: 453J
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-1510 Radar (AN/SPS-49(V)5 & 7) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0209	CDP: 453M
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-1511 Radar (AN/SPS-40E) Technician

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0199	CDP: 352U
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-1517 DASR/STARS Maintenance Technician Pipeline

Performs organizational maintenance on the AN/GPN-30 Digital Airport Surveillance Radar (DASR), AN/FSQ-204 Standard Terminal Automation Replacement System (STARS) and AN/FYC-22 Visual Information Display System (VIDS). Uses general and special purpose test equipment, built-in test equipment, trouble analysis, and networking administration on the entire NASMOD system.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2069 (P/L)	CDP: 6201
Sequence Code: 5	ESTB Date: REV Date: 11/29/10 (HPRR)	NR Ind: R
Component NEC: 1529, 1530	Related NEC: 1580	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

ET-1520 AN/SPS-73 Maintenance Technician

Perform documented preventive and corrective maintenance on AN/SPS-73(V) Surface Radar Ser under all conditions of readiness, in port and underway.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0225	CDP: 7675, 7676
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 1504	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-1529 Standard Terminal Automation Replacement System (STARS) Maintenance Technician

Performs organizational maintenance on the AN/FSQ-204 Standard Terminal Automation Replacement System (STARS) and the AN/FYC-22 Visual Information display System (VIDS). Uses general and special purpose test equipment, built-in test equipment, trouble analysis, and networking administration on the AN/FSQ-204.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2025	CDP: 5855
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05 SPAWAR	ECM: BUPERS-32

ET-1530 Digital Airport Surveillance Radar (DASR)

Performs organizational maintenance on the AN/GPN-30 Digital Airport Surveillance Radar (DASR). Uses general and special purpose test equipment, built-in test equipment, and trouble analysis on the AN/GPN-30 equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2018	CDP: 6039
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 1580	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05 SPAWAR	ECM: BUPERS-32

ET-1570 Air Traffic Control Communications Technician

Performs organizational and/or intermediate level maintenance on AN/FSC-127 ETVS, AN/FSC-104 ECS, CM-200 Transmitters/Receivers Group and the Flight Data Input/Output (FDIO system).

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2115 (P/L)	CDP: 708F
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1571 AN/UPX-29(V) Ship System Maintainer

Provides Preventive Maintenance (PM) and Corrective Maintenance (CM) on the AN/UPX-29(V) AIMS Central IFF system (CIS) consisting of the following sub systems: OE-120/UPX Antenna Group (AS3134 Antenna, CV-3372 Antenna Position Programmer, C-10063 Antenna Control), AN-QPX-24(V) Interrogator Set (CP-1273 Central Processor Controller, C-10065 Control-Monitor, C-10064 Remote Control Indicator), KIR-1A/TSEC Crypto Computer, AN/UPX-27 Interrogator Set (AS-2188/UPX Linear Array Antenna, AS-177(B)/UPX Omni Directional Antenna, SA-1807/UPA-61 Electronic Switch, and C-8834/UPA-61 Control Monitor).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-102-0085	CDP: 931G
Sequence Code: 3	ESTB Date: REV Date: 7/27/10 (HPRR)	NR Ind: R
Component NEC: 1572	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1572 AIMS System Technician

Performs organizational and/or intermediate level maintenance on ATCRBS, IFF system and limited maintenance on crypto.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-0062	CDP: 4784
Sequence Code: 5	ESTB Date: REV Date: 7/27/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1574 AN/TPX-42(V)5 Maintenance Technician

Performs organizational and/or intermediate maintenance on Interrogator Set AN/TPX-42A(V)5 and ancillary equipment installed at shore installations.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 1578	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Equipment replaced by STARS NEC-1529. No new assignments to this NEC. NEC will remain until equipment completely removed from fleet.

ET-1578 AN/TPX-42(V)10 Maintenance Technician

Performs organizational and/or intermediate level maintenance on Interrogator Set AN/TPX-42A(V)10 and ancillary equipment installed at shore installations.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 1574	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Equipment replaced by STARS NEC-1529. No new assignments to this NEC. NEC will remain until equipment completely removed from fleet.

ET-1579 Precision Approach Radar Technician

Performs organizational and/or intermediate level preventative and corrective maintenance on the AN/FPN-63 Precision Approach Radar consisting of performance verification, testing alignment and fault isolation. Replaces discrete chassis, components piece parts, line replaceable units, modules, sub-assemblies, and printed circuit cards.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2037	CDP: 706T
Sequence Code: 4	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 9614	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

ET-1580 ASR-8 Maintenance Technician

Performs organizational and/or intermediate level maintenance on the AN/GPN-27 radar consisting of fault isolation, performance testing and alignment, removal and replacement of subassemblies, and printed circuit boards.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN: C-103-2036	CDP: 706S
Sequence Code: 4	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC: 1530	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: NEC may be earned by either formal training or OJT. If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.

ET-1589 Fleet Electronics Calibration (FECL) Technician

Performs intermediate level maintenance, repair, calibration, and documentation of surface ship General Purpose Electronic Test Equipment (GPETE) in Fleet Electronic Calibration Laboratories and selected Field Calibration Activities (FCAs) in AD, AR, AS, CGN, CV, CVN, LHA, LHD and LPH ship classes, Shore Intermediate Maintenance Activities (SIMA) and other designated Fleet shore activities.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-6671	CDP: 713T
Sequence Code: 5	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05, NNWC, N1B	ECM: BUPERS-32

ET-1590 AN/SPN-46(V) Radar Technician

Performs system operational checks, preventive maintenance, fault isolation, removal and replacement of plug-in assemblies or chassis mounted parts and systems alignments. Fault isolation will be facilitated by Built in Test Equipment (BITE), General Purpose Electronic Test Equipment (GPETE), Special Purpose Electronic Test Equipment (SPETE) and Maintenance Assistance Modules (MAMS).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2046	CDP: 706X
Sequence Code: 4	ESTB Date: REV Date: 8/24/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

ET-1591 Miniature/ Microminiature Module Test and Repair (2MTR) Technicians

Performs corrective maintenance on circuit cards and electronic modules by troubleshooting and repairing the faulty cards and modules. Preventive maintenance will be performed periodically as schedule by Maintenance Requirement Cards for 2M Rework Stations (Pace PRC 2000 and PP-8087/U) and the primary MTR test system (AN/USM-674).

Source Rating: ET, IT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Source Rating: AT, AE, FC, FT, CTT, GM, GSE, MN, MT, STG, STS, IC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0076 A-100-0072 A-100-0073	CDP: 452G, 092M, 4804, 5390, 588K, 993G 350T, 452D, 439G, 093X, 769F, 439T 8706, 452E, 092V, 093Y, 769H, 439U
Sequence Code: 3		NR Ind: A
Component NEC: 9526	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N43, (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC Code 1591 is obtained by completing the following three training courses: AN/USM-674 Operator, CIN: A-100-0076; Miniature Electronic Repair, CIN: A-100-0072; and Microminiature Electronic Repair, CIN: A-100-0073. The source ratings for the AN/USM-674 training are the same as for the 2M training courses. The AN/USM-674 training can be taken before Miniature Electronic Repair training, between Miniature and Microminiature Electronic Repair training or after Microminiature Electronic Repair training. Completing only the AN/USM-674 training provides no NEC Code. Miniature Electronic Repair training is a prerequisite for attending the Microminiature Electronic Repair Course.

ET-1592 AN/TPX-42A(V)14 Shipboard DAIR Maintenance Technician

Performs organizational and/or intermediate maintenance on the AN/TPX-42(V)14 Shipboard Direct Altitude and Identity Readout (DAIR) System. Uses general and special purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis on the entire Shipboard DAIR system.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2063	CDP: 5255
Sequence Code: 5	ESTB Date: REV Date: 11/29/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

ELECTRONICS TECHNICIAN and FIRE CONTROL TECHNICIAN

FC-1601 SSDS OA Maintenance Technician

Performs documented organizational-level maintenance on SSDS OA configuration including a Three-Position Tactical Computer Console OJ-774 (V) 2/UYQ-70(V) 2, Command and Decision Consoles OJ-719 (V) 3/UYQ-70 (V), associated printers and projectors, Automated Status Boards (CV/LHD), and internal SSDS OA configured Local Area Networks (LANS). Monitors and manages operation of SSDS OA configuration including LANS, performs routine housekeeping and administrative operating system tasks using documented procedures, and uses system/equipment/software diagnostic features to locate problems. Loads and initiates operational and operating system programs, configures system to maintain required tactical capabilities, troubleshoots SSDS OA configured interface including fiber optic networks, mounts/un-mounts devices, makes backups, restores hard drives, and configures replacement processors and other devices.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC: 1628	Open to Women: Yes
Primary Advisor: OPNAV N86	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FC-1615 Shipboard Tactical Data Systems Technician

Provides organizational and/or intermediate level maintenance on a system level for Shipboard Tactical Data systems.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 1624 or 1681 or 1656 or 1671	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC may be assigned to personnel who have three years supervisory experience in an NTDS/CDS environment and hold at least two of the three NTDS/CDS type NECs. Submit NAVPERS 1221/6 to PERS-4013D2 with appropriate documentation indicating that member meets requisite criteria.

FC-1624 AN/UYQ-21 Computer Display System Maintenance Technician

Performs organizational level maintenance on the AN/UYQ-21(V) and DITEG/ASTAB display equipment, including the OJ-451(V) Computer Display Console, OJ-535(V) Display Control Console, OL-191, 224, and 318 Signal Data Signal Processor Converter Groups, PT-525(V) Projection Plotting Unit, PT-533/USQ-88 Printer Plotter, ON-173(V) Signal Data Interconnecting Group, ON-201(V) Intercommunications Interconnecting Group, ASTABS, and Video Monitors.

Source Rating: FC	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0651	CDP: 03VN
Sequence Code: 4	ESTB Date: REV Date: 9/2/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N866)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC-1625 AN/SYQ-24(V)1 Maintenance Technician

Performs documented organizational level maintenance on LHA 1 class ACDS (AN/SYQ-24(V)1) and component equipment including the AN/UYK-43A computer set, AN/UYK-70(V) and TAC-4 series consoles and cabinets, VME Commercial Off The Shelf (COTS)/open system architecture devices, printers, and UNIX based operating systems. The technician sets up and performs limited Local Area Network (LAN) management tasks associated with ACDS LANs and fiber optic data distribution interfaces. The technician sets up and operates equipment in all configurations to support tactical operation and maintenance of LHA ACDS.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-150-0300	CDP: 714R
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC- 1628 SSDS MK-2 Maintenance Technician

Performs documented organizational-level maintenance on SSDS MK-2 including OJ-719(V)/UYQ-70(V), OJ-723(V)2/SYQ-24(V), OL-657(V)/S, OK-644 (V)/S, associated printers and projectors, Automated Status Boards (CV/LHD), and internal SSDS MK-2 Local Area Networks (LANS). Monitors and manages operation of SSDS MK-2 including LANs, performs routine housekeeping and administrative operating system tasks using documented procedures, and uses system/equipment/ software diagnostic features to locate problems. Loads and initiates operational and operating system programs, configures system to maintain required tactical capabilities, troubleshoots SSDS MK-2 interfaces including fiber optic networks, mounts/unmounts devices, makes backups, restores hard drives, and configures replacements processors and other devices.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-150-0029	CDP: 637T
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTE: This NEC cannot normally be attained by SELRES within three years or normal TRC A training cycle. However, NEC is assignable with restrictions to SELRES manpower requirements if SELRES already holding NEC in this category can maintain periodic re-certification/re-qualification required for the NEC within a normal, annual TRC A training cycle.

ET-1654 Intelligence Center Maintenance Technician

Performs organizational level maintenance on all computer systems peripheral equipment installed in the Intelligence Centers on CV/CVN, LCC, LHA and LHD class ships and shore activities including Naval Intelligence Processing Systems (NIPS), Fleet Imagery Support Terminal (FIST), Prototype Ocean Surveillance Terminal (POST), AN/UYK-48 Analytical Photogrammetric Positioning System (APPS), AS-27B Module Image Interpretation System (MIIS), Tactical Air Mission Planning System (TAMPS), Microcomputer Maintenance, and Local Area Network (LAN)/System Interface.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: J-150-2019	CDP: 988X
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: SPAWAR	ECM: BUPERS-32

FC-1656 CV/CVN Combat Direction System (CDS)/(ASWM) Computer/Peripheral Subsystem Maintenance Technician

Performs organizational level maintenance on the AN/UYK-43(V) Computer Set and associated peripheral equipment, including AN/UYH-3(V) Disk Memory Unit, AN\USQ-69(V) and AN/USQ-69X(V) Data Terminal Set, RD-358(V)/UYK Recorder-Reproducer, RD-358A(V)/UYK Recorder-Reproducer, CV-2036(V)/USQ-20 Signal Data Converter, TT-624D(V)6 Teleprinter, OK-406(V)3/SQQ Control Adapter Group and PT-549(V)1/U Printer Plotter/High Speed Printer, MK-70 Digital Switchboard, CV-2517B Digital/Analog Converter, and OJ-212(V)1/UYK Teleprinter and Teletype Adapters.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0260	CDP: 577Z
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVSEA 05 (PMS-461), NAVAIR	ECM: BUPERS-32

ET-1657 CV-ASWM Fast Time Analyzer Subsystem Upgrade (FTAS-U) Systems Technician

Performs organizational and limited intermediate level maintenance on the following CV-ASWM FTAS-U equipment: OJ-570(V)/AN/SQX-3 FTA console, AN/AYX-14(V) computer set, OJ-572(V)/SQX-3(V) with AN/USH-31 acoustic input console, OJ-571/SQX-3(V) LGR console, AN/SKR-6A telemetric data receiving set, MS-1018/U tape cleaner, packer/wider, ID-1872/A ambient sea noise meter and AN/SYK-1A integrated carrier ASW prediction system.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-102-0393	CDP: 221P
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

FC-1658 LHD 1 Class ITAWDS Computer/ Peripheral Subsystem Maintenance Technician

Performs organizational level maintenance on the LHD 1 Class Integrated Tactical Amphibious Warfare Data system (ITAWDS) Computer/Peripheral equipment, Data Multiplex System (DMS), Tactical Information Processing System (TIP), and Combat Simulation Test System (CSTS). Operates the CSTS. Specific equipment includes the AN/UYH-3 Disk Memory Unit, RD-35A Magnetic Tape Unit, TT-624D Teleprinter, AN/SSQ-91 CSTS, TD-1320A(p/o AN/USQ-82 DMS), CV-3647A(p/o AN/USQ-82 DMS), MK-70 MOD 23 Switchboard, MK-328 MOD 21 Computer Switching Control Panel, AN/USQ-69 and AN/USQ-69B Data Terminal Sets and RO-581 High Speed Printer.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0271	CDP: 590Z
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC-1671 FFG-7/LHA-1 Class Computer/Peripheral Technician

Performs intermediate level maintenance on UYK-7 and UYK-43 computers and associated peripherals, including UYK-44 MRC data processor set, UYK-20(V) data processor, USH-26 recorder/reproducer set, CV-2963 Signal Data Converter (SDC), OJ-172 Data Exchange Auxiliary Console (DEAC) and SYS-2(V)1, 2, and 11.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0135	CDP: 577V
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

FC-1676 Afloat Planning System (APS) Maintenance Technician

Performs organizational level maintenance on the Tomahawk Land Attack Missile (TLAM) Afloat Planning System (APS) AN/SWQ-1 (V) equipment to include the Digital Imagery Workstation Suite Afloat (DIWSA), the TLAM Planning System Afloat (TPSA), and the Mission Distribution System (MDS). Will also perform organizational level maintenance on segments of the Joint Service Imagery Processing System Navy (JSIPS-N) AN/SYQ-23 equipment installed in Rapid Deployment Suites (RDSs) and at shore and training sites.

Source Rating: ET, FT, FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-243-2951	CDP: 988W
Sequence Code: 3	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-1678 Information System Maintenance Technician

Knowledgeable in Windows 2000/XP, UNIX, Cisco Internetworking Operating System (IOS) and basic Global Command and Control Systems (GCCS), and Naval Tactical Command Support System (NTCSS) applications. Performs initial system setup, basic administration and operational checks on various Naval systems. Areas of responsibility include A+, Tactical Computer-Three (TAC-3), Tactical Computer-Four (TAC-4), HP-3600, HP-6000, V240, DL380, Uninterruptible Power Supplies (UPS), Satellite Communications (SATCOM) peripheral devices, ON-143(V)6, ON-143(V)14, Generic Front-End Communications Processor (GFCP), Link Converters, Fiber Optics, XYLAN OMNI Switch, CISCO Routers, and Local Area Networks (LAN).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-2300	CDP: 5781, 5791
Sequence Code: 4	ESTB Date: REV Date: 10/25/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

FC-1681 FFG-7 Class Display Equipment Maintenance Technician

Performs organizational level maintenance on the UYA-4 display equipment including the OJ-197 Operational Summary Console and CV-2834 Radar Video Processor (RVP) as installed on the FFG-7 class.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0136	CDP: 577W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

ET-1685 Tactical Support Center (TSC) Acoustic System Maintenance Technician

Performs organizational and intermediate level preventive and corrective maintenance on the Acoustic Fast Time Analyzer System and non-acoustic equipment unique to ASWOCs. Performs maintenance on related peripheral equipment.

Source Rating: ET, FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-102-0364	CDP: 333S
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-1690 TacMobile Acoustic Support System Maintenance Technician

Possesses the basic knowledge and skills required to facilitate operation and maintenance of the Tactical Mobile Acoustic Support System (TacMASS) at the organizational level.

Rating: ET	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-102-0132	CDP: 05WG
Sequence Code: 3	ESTB Date: 6/14/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2/N6	Technical Advisor: SPAWAR PMW-750	ECM: BUPERS-32

NOTE: Secret Security Clearance required.

CRYPTOLOGIC TECHNICIAN (TECHNICAL)

CTT-1702 AN/SLQ-32B (V) 2 Technician

Performs preventive and corrective maintenance on AN/SLQ-32B (V) 2 Electronic Warfare Support System.

Source Rating: CTT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN: A-102-1980	CDP: 04RJ
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 1733/1734/1736/1737	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NEC will be awarded through formal training or through OJT for personnel who have earned NECs 1733/1734/1736/1737 and completed required on the job training.

CTT-1733 Electronic Warfare Systems Technician (AN/SLQ-32(V)2)
Performs preventive and corrective maintenance on AN/SLQ-32A(V)2 and the AN/SLQ-32(V)2 Electronic Warfare Support System.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-0215	CDP: 016E
	A-102-0142	02UB
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT -1734 Electronic Warfare Systems Technician (AN/SLQ-32(V)3)
Performs preventive and corrective maintenance on the AN/SLQ-32A(V)3 and the AN/SLQ-32(V)3 Electronic Warfare Deceptive Electronic Countermeasures (DECM) system.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-0216	CDP: 016F
Sequence Code: 3		NR Ind: R
Component NEC: 1733	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT -1736 Electronic Warfare Systems Maintenance Technician (AN/SLQ-32(V)4)
Performs preventive and corrective maintenance on the AN/SLQ-32A(V)4 and the AN/SLQ-32(V)4 Electronic Warfare Deceptive Electronic Countermeasures (DECM) system.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-0361	CDP: 226T
Sequence Code: 3		NR Ind: N
Component NEC: 1733 or 1734	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT -1737 Electronics Warfare Systems Technician (AN/SLQ-32A(V)5/AN/SLQ-32(V)5)
Performs preventive and corrective maintenance on the AN/SLQ-32A(V)5 and the AN/SLQ-32(V)5 Electronic Warfare Deceptive Countermeasures (DECM) system.

Source Rating: CTT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-0382	CDP: 299T
Sequence Code: 3		NR Ind: R
Component NEC: 1733	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT -1781 Electronic Warfare Technician (Advanced Application)
Develops Electronic Order of Battle (EOB) in support of local, fleet and joint fleet operations. Provides the human interface between electronic warfare equipment, both active and passive, and other shipboard weapons systems related to integration under the Combat Weapons System Organization. Serves as staff advisor in the employment of electronics warfare equipment involving surface, subsurface, air and satellite forces. Provides resident expertise for the collection of intelligence data related to enemy use of any portion of the electromagnetic spectrums.

Source Rating: CTT	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-230-0018	CDP: 988P, 989M
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

MASTER AT ARMS

MA-2002 Military Investigator

Performs specialized duties in the investigation of military offenses with particular emphasis on knowledge of military and civilian legal considerations. Collects and preserves physical and testimonial evidence. Investigates drug related offenses and provides support for special operations and protective services.

Source Rating: MA	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-832-0001	CDP: 437N
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NCIS HQ CODE 21	Technical Advisor: NCIS HQ CODE 21	ECM: BUPERS-32

NOTE: NEC awarded to Naval Reservists after completion of the 85 hour Army Military Investigator Correspondence Course (191-M17).

MA-2005 Dog Handler

Performs specialized duties in law enforcement, physical security, anti-terrorism operations and detection of explosives and/or illicit drugs in the military community utilizing assigned military working dog. Responsible for the care, welfare and continuous training of assigned dog to ensure physical condition and proficiency are maintained. Maintains administrative records associated with the use and maintenance of assigned military working dog.

Source Rating: MA	Billet Paygrades: E1-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-830-0019	CDP: 478N
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC N34MA	Technical Advisor: NECC N34MA	ECM: BUPERS-32

NOTE: Applicants must submit 1306/7 via NECC N34 MA. Personnel completing the NEC MA-2005 MWD Handler "C" School are required to perform duties in designated NEC MA-2005 billets for a minimum of 48 consecutive months immediately following graduation.

MA-2006 Kennel Master

Supervises all Military Working Dog (MWD) teams assigned to respective commands. Manages, supervises and administers training and utilization evolutions. Controls and issues drug/explosive training aids. Maintains probable cause, history, training records and all other pertinent data pertaining to each MWD team. Ensures submission of complete and accurate quarterly reports and other required documentation to appropriate authority.

Source Rating: MA	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-830-0009	CDP: 107L
Sequence Code: 4	ESTB Date: REV Date: 9/2/10	NR Ind: R
Component NEC: 2005	Related NEC:	Open to Women: Yes
Primary Advisor: NECC N3-AT	Technical Advisor: NECC N3-AT	ECM: BUPERS-32

NOTE: Applicants must submit 1306/7 via NECC N3-AT. Personnel completing the NEC MA-2006 Kennel Master "C" School are required to perform duties in designated NEC MA-2006 billets for a minimum of 48 consecutive months immediately following graduation.

MA-2008 Afloat Corrections Specialist

Performs specialized correctional duties on afloat units having confinement facilities, including the responsibility for security, control, supervision, support, health and care of prisoners. Knowledgeable on correctional programs and administration.

Source Rating: MA	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-831-0006	CDP: 5699
	A-831-0001	572B
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC N34MA	Technical Advisor: BUPERS-N135E	ECM: BUPERS-32

NOTES:
1. Completion of the Correction Specialist Course referenced under NEC 9575 meets all requirements for awarding of this NEC to MAs only.
2. Candidates for this NEC are screened for selection in accordance with MILPERSMAN 1306-903.
3. Personnel converting to MA who hold NEC 9575 will have it removed and be awarded NEC MA-2008.

MA-2009 Protective Service Specialist

Performs, plans, coordinates, and executes protective service missions for personnel in high-risk billets who are potential targets of terrorism. Responsible for protective service tactics, anti-ambush operations, counter surveillance operations, evasive driving techniques, and physical security.

Source Rating: MA	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-840-0001	CDP: 338M
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NCIS HQ CODE 21	Technical Advisor: NCIS HQ CODE 21	ECM: BUPERS-32

NOTES:

1. NEC is only awarded after completion of the Protective Service Training Course (7H-F18/830-F13) or Protective Operations Training Program for Special Agents and Protective Services Operations Members (S-830-0055).
2. Billets assignment will be controlled by NCIS Headquarters Code 21A/21B. Prior approval must be granted prior to billet establishment

2186 Career Recruiter

Performs recruiting duties and recruiting management and supervisory duties as prescribed for the Career Recruiter Force and Naval Reserve Recruiter Force.

Source Rating:	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-501-0006	CDP: 525F
Sequence Code: 3		NR Ind: N
Component NEC: 9585 or 2612	R elated NEC:	Open to Women: Yes
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: BUPERS-32

NOTES:

1. NEC is awarded to members who are approved for lateral conversion to the Career Recruiter Force for the remainder of their Naval or Naval Reserve career.
2. Applicant must meet the screening criteria for Recruiter per MILPERSMAN 1306-965, Career Recruiting Force (CRF), be recommended by his or her Commanding Officer and Navy Recruiting Command, and be approved by BUPERS.
3. BUPERS (Pers-255/913) will notify PERS-4013D2 of approval for lateral conversion and request award of NEC NC-2186.

NC-2187 Hometown Career Recruiting Force (HCRF) Recruiter

Performs recruiting duties as prescribed for Career Recruiter Force and Navy Reserve Recruiter Force. Possesses expertise in recruiting techniques and knowledge of recruiting textbooks and Navy enlistment programs and policies.

Rating: All	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date:	NR Ind: N
Component NEC: 9585	Related NEC: 2186	Open to Women: Yes
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: BUPERS-32

NOTES:

1. Personnel awarded NEC 2187 must meet all screening requirements per MILPERSMAN 1306-964.
2. Hometown Recruiters are to be assigned to the hard to fill areas only, which will be determined by the Commanding Officer at each NRD and screened by Navy Recruiting Command.

INFORMATION SYSTEMS TECHNICIAN

IT-2301 Enlisted Frequency Manager

Coordinates frequencies for use within area of responsibility. Maintains frequency employment files. Initiates action as appropriate to prevent and/ correct harmful interference. Makes recommendations for changes in frequencies affected by propagation and un-resolvable harmful interference.

Source Rating: IT	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-202-0039	CDP: 121E
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT-2302 Joint Task Force (JTF) Spectrum Management Master Level

Performs core elements and supporting activities of the JTF Spectrum Management policy, doctrine, organization, capabilities, and related activities; Mastery of JTF planning and use of JTF automated planning tools in a Joint environment are accomplished.

Source Rating: IT	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-202-0008	CDP: 02RT
Sequence Code: 2		NR Ind: N
Component NEC: 2301	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT-2354 FLTSATCOM (SSIXS-OPCONCEN) Operator

Operates and performs preventive maintenance on core SSIXS equipment and AN/USQ-XXX SSIXS II/SI SSIXS communications equipment consisting of existing ON-143(V)/USQ interconnecting group, MICROVAX II computer, RD-397/U perforated tape reader/punch, RD-585 UYK line printer, RA-60 disk drive and COMPAQ 386/16T computer, MXT 1200 keyboard printer and associated peripherals.

Source Rating: ET, IT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTES:

1. Source rating ET must be qualified in submarines.
2. Must complete operator PQS, six months OJT and have the Commanding Officer's recommendation.

IT-2363 Strategic SHF SATCOM Systems/DSCS Operator

Operates DSCS terminals AN/GSC-52, AN/FSC-78B(V), AN/FSC-79A(V) and AN/GSC-39B, DSCS FDMA Control Subsystems (DFCS), Digital Communications Subsystems (DCSS), Standard Tactical Entry Point (STEP), Integrated Digital Network Exchange (IDNX) and Spread Spectrum Multiple Access (SSMA) Modem AN/USC-28(V) electronic counter-countermeasures (ECCM) operations.

Source Rating: IT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-260-0034	CDP: 406X
Sequence Code: 4	ESTB Date: REV Date: 9/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: NEC may be assigned to personnel who have completed on site JQRs and demonstrated the ability to operate Strategic SHF SATCOM Systems and Subsystems. Submit NAVPERS 1221/6 to PERS-4013D2 via Naval Computer and Telecommunications Command (N12). Include copies of applicable supporting documentation; service record page 4's, enlisted evaluations, CO/OIC's recommendation.

IT-2375 Tactical Support Communications (TSCOMM) Replacement Program System Operator

Utilizes a computer matrix exchange terminal to set up and operate various ASCOMM systems including ASW Centers Command and Control systems (ASWCCS), HF, UHF and satellite voice circuits, teletype circuits, and Data Link 11. Coordinates teletype and voice circuits with patrol aircraft and shore sites. Operates VP Broadcast, records air-to-ground communications and briefs/debriefs aircrews. Operates various receivers, transmitters, modems, multiplexers, computer operated remote control and message processing systems, interconnecting groups, switching devices and cryptographic equipment. Utilizes a chirpsounder with associated frequency management terminal to maintain effective communications.

Source Rating: IT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-201-0816	CDP: 702Y
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NETWARCOM N17 SPAWAR	ECM: BUPERS-32

IT-2378 VERDIN/ISABPS Shore Communications System Operator

Operates, coordinates and performs systems checks on the shore VERDIN System (consisting of URR-7, URT-30, associated crypto and frequency standard), and the ISABPS system (consisting of the USH-23 and UYK-20).

Source Rating: IT, ET (see note)	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-260-0035	CDP: 063B
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Source rating ET must be qualified in submarines.

IT-2379 Transmission System Technician

Operates and performs system monitoring, fault isolation and circuit restoration of communications suites in the HF, UHF, SHF, and EHF frequency spectrums afloat and ashore, to include; communication transmission paths, input/output devices, cryptographic devices, interface equipment and patch panels, familiarization with signals, multiplexers, modulators/demodulators, and applicable system transmitters, receivers, couplers and antenna subsystems. Maintains signal quality through the use of circuit and system performance tests, determines point of signal distortion and identifies preventive or corrective action as required. Prepares and maintains all necessary circuit, watch to watch, operational and administrative logs, and ensures accountability o cryptographic publications and associated materials.

Source Rating: IT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-260-0057 (P/L)	CDP: 653N, 663U
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Personnel assigned to this course must be E3 or above and have completed initial tours of duty (career designated).

RELIGIOUS PROGRAM SPECIALIST

RP-2401 Marine Basic Combat Skills Specialist

Provides physical security for chaplains assigned to Marine units afloat and ashore during field exercises and in combat.

Source Rating: RP	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-561-0008	CDP: 2080
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N972	Technical Advisor: OPNAV N097M	ECM: BUPERS-32

NOTES:

1. NEC may be awarded upon successful completion of Chaplain/RP Expeditionary Skills Training (CREST) course. Additionally, the NEC may be awarded to RPs who laterally convert from the Marine Corps.
2. RP personnel must be advised of Marine Corps standards for appearance and fitness. Personnel must pass a color blindness screening, and a valid driver's license is required to operate a tactical vehicle.
3. CREST replaces Marine Combat Training (MCT).

YEOMAN

YN-2514 Flag Officer Writer

Serves on the personal staffs of Flag and General Officers, and certain other senior officers in command positions at sea and ashore. Must be able to function independently and carry out required duties. Must be able to draft personal and professional correspondence; act on matters of social usage, protocol, honors and ceremonies; prepare and liquidate travel orders; and prepare Officer Fitness Reports. Individuals serve in a highly visible position and must conduct themselves in a professional manner at all times. Additionally, members will be required to satisfactorily meet any additional requirements of the Flag Officer.

Source Rating: YN	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: See Note	CIN: A-511-0015	CDP: 048G
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-44ES1	Technical Advisor: Pers-44ES1	ECM: Pers-44ES1

NOTE: The YN-2514 NEC will be awarded upon successful completion of the five-week Navy Flag Officer Writer Course, A-511-0015. All requests will be sent to PERS-405C for review and forwarded to ECM (PERS-44ES1) and BUPERS-32 for approval.

PS-2612 Classification Interviewer

Interviews enlisted personnel to obtain information for classification purposes. Determines educational and occupational background, hobbies, abilities, and interests of personnel. Administers and scores basic battery and other classification tests. Screens personnel for special billets or training assignments.

Source Rating: PS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: S-501-0031	CDP: 945P
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-405C, Pers-231	Technical Advisor: Pers-405C	ECM: BUPERS-32

INFORMATION SYSTEMS TECHNICIAN 2709 - 2791

IT-2709 Joint Force Air Component Commander (JFACC) System Administrator

JFACC System Administrator for Joint Standard Air Operations Software, comprised of either: 1) Contingency Theater Automated Planning System, or 2) joint-service portions of Theater Battle Management Core Systems. Uses advanced skills in Unix and TCP/1P networking to maintain a complex array of government and commercial software. Administers multiple databases; remotely coordinates configuration of distant systems; manages user accounts, permissions and profiles; and assists users. Monitors and troubleshoots the data interfaces with all external systems; and assists the administrators for those systems. Diagnoses errors down to sub-application or segment level. Follows complicated directions from remote service technicians to assist in major troubleshooting and repairs.

Source Rating: IT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-531-0024	CDP: 539T, 539V
Sequence Code: 3	ESTB Date: 4/97 REV Date:	NR Ind: R
Component NEC:	Related NEC: 2720, 2735	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Secret security clearance required. Member should attain level 1 (NOVICE) certifications per the Navy's System Administrator Certification Program prior to formal training.

IT-2710 Global and Command Control System-Maritime 4.X (GCCS-M 4.X) System Administrator

Performs installation, configuration, administration, repair, and basic operation of the GCCS-M 4.0 system. Maintains databases, establishes accounts, and configures communications and system interfaces. Performs basic troubleshooting and disaster recovery procedures. These functions are performed at afloat and ashore commands.

Source Rating: IT, FT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-150-0045	CDP: 00SA, 00SB, 03TS, 03VR, 04JL, 04JM
Sequence Code: 3	ESTB Date: 3/7/06 REV Date: 7/9/09	NR Ind: A
Component NEC:	Related NEC: 2720	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: LAN NEC is a prerequisite for this NEC. A security clearance is required.

IT-2720 GCCS-M System Administrator

Performs basic operation of the GCCS-M system with regard to the system administration functions. Responsible for backing-up and restoring data, assigning or changing user accounts and passwords, profiling administration procedures, monitoring C4I system interfaces and log-in requirements, analyzing emergency shutdown occurrences, and controlling printer utilities and data base purging requirements.

Source Rating: IT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: J-150-2955	CDP: 767G, 788D, 9624, 04JK
Sequence Code: 4	ESTB Date: 10/93 REV Date: 7/9/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

IT-2730 Naval Tactical Command Support System (NTCSS) II Manager

Provides a basic understanding of Naval Tactical Command Support Systems (NTCSS), UNIX operating systems, Sybase SQL Adaptive Server Enterprise Relational Database, Windows NT, network system operations and protocols, NTCSS II Desktop Graphical User Interface (GUI), system applications, and System Administrator functions.

Source Rating: IT, ET, FT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Source Rating: FC	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-531-0021	CDP: 3032, 713M, 03WL
Sequence Code: 3	ESTB Date: REV Date: 8/26/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: ET personnel must be submarine qualified to earn this NEC Code.

IT-2735 Journeyman Networking Core

Provides basic and in-depth levels of instruction in Local Area Networks (LAN) and Metropolitan Area Networks (MAN), with focus on system administration. Prepares technical personnel to administer commercial network operating systems within the functional areas of configuration, system, and performance management. Manage/maintain internal site networks to include but not limited to MS Exchange, NetWare, Novell, UNIX, and Windows NT. Conduct first level network software and hardware corrective actions.

Source Rating: CTM, ET, FT, IT, ITS, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-531-0046	CDP: 2029, 319J, 2586, 303E, 3033, 5240, 781A
Sequence Code: 3	ESTB Date: 1/92 REV Date: 1/25/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT-2778 Mission Distribution System Operator

Performs all functions related to management of tactical database used to support the Tomahawk route planning requirements of APS. Includes detailed operations related to controlling communications necessary for receipt and updating of required databases, and the transmission of approved Tomahawk missions developed or modified by the APS. Additionally, he/she will perform the database management and critical system administrator function for the Digital Imagery Workstation Suite Afloat (DIWSA) , Mission Distribution System (MDS) , TLAM Planning System Afloat (TPSA) , Precision Targeting Workstation (PTW) , and Strike Planning Archive (SPA).

Source Rating: IT, FC, OS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: J-243-2952	CDP: 293R
Sequence Code: 3	ESTB Date: 10/93 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CNO769	Technical Advisor: NAVINT	ECM: BUPERS-32

IT-2779 Information System Security Manager

Functions as the activity's accreditation action officer, focal point, and principal advisor for all command INFOSEC matters in compliance with governing directives and instructions. Analyze and evaluate system security technology, policy, and training requirements in support of National, DOD, and DON INFOSEC, policies. Implement DON risk management programs. Develop and maintain system accreditation and support documentation. Review and validate proposed system changes. Develop information systems contingency plans. Maintain activity INFOSEC plans. Develop system security plans.

Source Rating: ET, FT, IT, ITS, STS	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course: Mandatory	CIN: A-531-0009	CDP: 7440, 7443, 04KL, 04KM, 04KN, 04KP, 04KR
Sequence Code: 3	ESTB Date: REV Date: 1/25/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT-2780 Network Security Vulnerability Technician

Recognizes microcomputer operating systems (i.e. MS-DOS, Windows NT, UNIX, and Novell Netware) vulnerabilities and performs corrective actions to ensure maximum system availability. Assists the Information Systems Security Manager (ISSM) with the System Security Plan (SSP) and systems accreditation in accordance with IN-225. Uses commercial off the shelf software and operating system specific tools to perform virus protection and detection, system backups, data recovery, and auditing functions. Creates, configures, and maintains user and group accounts across multiple operating systems. Assesses protocol and proxy service vulnerabilities and their relation to firewalls. Develops and implements solutions, with regard to protocol and proxy service vulnerabilities, guarding against hostile attempts of compromise or inadvertent disclosure of sensitive material. Verifies and writes Access Control Lists (ACL) and programs screening routers.

Source Rating: ET, FT, IT, ITS, STS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-531-0022	CDP: 588P, 588N, 659J, 633T, 654G, 767H
Sequence Code: 3	ESTB Date: REV Date: 1/25/11	NR Ind: R
Component NEC: 2735	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT-2781 Advanced Network Analyst

Manages network operating systems (i.e. Windows NT, UNIX, and Novell Netware) utilizing infrastructure (i.e. cabling, throughput, connectivity, I/O devices, and topologies). Possesses thorough knowledge of current technology and trends. Implements a variety of connectivity solutions including but not limited to RAS, T1/T3, ISDN, ATM, X.25. Implements a variety of protocols, services, and standards such as TCP/IP, IPX/SPX, NetBEUI stacks, Internet (http, ftp, telnet, smtp), and X.400/500. Designs hardware and software to work in concert taking into consideration compatibility, environmental constraints, growth potential, life cycle management, cost/performance analysis, and user feedback. Performs hardware and software installation and testing. Performs management and maintenance functions including inventory control of computer assets, software and configuration management, user training, and help desk management.

Source Rating: ET, FT, IT, ITS, MT, STS	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-531-0045	CDP: 4333, 6058, 6252, 659H, 636F, 04L7, 04L8
Sequence Code: 3	ESTB Date: REV Date: 1/25/11	NR Ind: R
Component NEC: 2735	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/ N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

2783 Submarine Local Area Network (SUBLAN) Technician

Troubleshoots and performs maintenance on AN/USQ-177(V) Submarine Local Area Network (SUBLAN) and other associated electronic equipment found on submarines.

Source Rating: ET, FT, STS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-531-0150	CDP: 06Z4, 06Z7
Sequence Code: 4	ESTB Date: REV Date: 10/13/10	NR Ind: N
Component NEC: 2780	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6, N871B)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: TOP SECRET Security Clearance required for billets. Training will be conducted at the SECRET level.

IT-2790 INFORMATION SYSTEMS TECHNICIAN (IAT I)

Operates and maintains information systems and various information technologies including local area networks, wide area networks, mini and micro-computer systems and associated peripheral equipment and services. Performs basic data back-ups, system restoral procedures, assigns or changes user accounts, and password resets. Provides desktop support to network users. Performs troubleshooting procedures, documents technical support advice, and maintains media libraries. Installs new hardware, workstation components, peripherals, and documents media hardware and software licenses. Manages and updates directory information, and monitors equipment status. Assists technical personnel in providing critical voice and data communication links between ship and shore commands. Operates and performs system monitoring and circuit restoration of various HF, UHF, SHF, and EHF communication suites. Ensures proper handling of cryptographic equipment and keying material. Properly handles, formats, and transmits official message traffic. Performs corrective and preventative maintenance as required. Maintains logs, files, and publications as it relates to communication and network operations.

Rating: ET, FT, IT, STS	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-202-0000	CDP: 05GD
Sequence Code: 4	ESTB Date: 3/22/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N16IT	ECM: BUPERS-32

NOTES:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. ET, FT, STS personnel must complete their respective 'A' school plus delta training package and COMPTIA A+ and MicroSoft 70-279 certification to obtain this NEC code.
3. ET personnel must be submarine qualified to earn this NEC code.

IT-2791 INFORMATION SYSTEMS ADMINISTRATOR (IAT II)

Administers commercial network operating systems within the functional areas of configuration, systems, and performance management. Manages and maintains internal site networks, to include but not limited to MS Exchange, UNIX, and Windows Operating Systems. Conducts Tier 2 level network software and hardware corrective actions. Understands and administers general security concepts. Identifies potential risks, monitors activity, secures network environments, and enforces security policies and procedures.

Rating: CTM, ET, FT, IT, STS	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-1980	CDP: 05M6
Sequence Code: 3	ESTB Date: 3/22/10 REV Date:	NR Ind: A
Component NEC: 2790	Related NEC: 2735	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N16IT	ECM: BUPERS-32

NOTES:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Component NEC code not required for CTM, ET, FT, and STS.
3. ET personnel must be submarine qualified to earn this NEC code.

LOGISTICS SPECIALIST 2813 - 2831

LS-2813 Independent Duty Ashore Logistics Specialist

Performs coordination and oversight of all supply support procedures for attached units and personnel at Naval Reserve Centers, Navy Recruiting Districts, and other shore stations without a Supply Corps officer assigned. Establishes contracts for facility repairs, messing support, berthing arrangement, and procurement actions within Blanket Purchase Authority (BPA) guidelines. Manages real property use agreements and facilities inspection programs.

Source Rating: LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: R-551-0010	CDP: 869D
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2814 SNAP II Supply and Financial Management (SFM) Logistics Specialist

Performs inventory and financial management functions in SNAP II ships. Performs preliminary analysis on stock reorders, historical demand listings and financial reports. Reviews and corrects SNAP II supply and financial transactions and financial reconciliation reports.

Source Rating: LS	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-551-0093	CDP: 196J, 243N, 3288, 370U, 574F, 3289
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2819 Personal Property Specialist

Performs duties in connection with the movement and storage of personal property. Reads and understands a military rate tender. Recognizes packaging, packing and storage discrepancies. Understands MIL-STD requirements. Is familiar with Joint Federal Travel Regulations, Personal Property Traffic Regulations, and warehouse storage facilities.

Source Rating: LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-553-0010	CDP: 593M
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: NEC may also be earned upon completion of course 8B-F8 (JT)-822-F8.

LS-2820 SNAP II Supply and Financial Management (SFM) Functional Area Supervisor

Performs duties as the senior enlisted manager for the SNAP II system. Performs inventory control, financial management and system management analysis. Establishes record controls for inventory and financial areas.

Source Rating: LS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-551-0094	CDP: 652L, 767B
Sequence Code: 2		NR Ind: R
Component NEC: 2814	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2821 Air Transportation Specialist

Performs duties associated with the movement of passengers, air cargo packing, operations, documentation and selection. Performs aircraft load planning and the safe operation of material handling equipment.

Source Rating: LS, ABE, ABH, ABF	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-822-0017 (P/L)	CDP: 398U
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2824 Supply and Accounting (SUADPS R/T) Technical Specialist

Performs SUADPS-RT system internal document identifier preparation, input/output audit and control, processing of inventory and financial management listings, maintenance of stock record/requisition files and matter validation tables. Prepares parameters for management report analysis.

Source Rating: LS	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-551-0085	CDP: 068F, 574E
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2825 Supply and Accounting (SUADPS-R/T) Advanced Technical Specialist

Performs duties as the senior enlisted manager of the SUADPS-RT system. Analyzes and evaluates system inputs from subordinates and audits system coordinator outputs. Performs file analysis and document identifier production schedules. Establishes proper inventory and financial records controls.

Source Rating: LS	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 2		NR Ind: A
Component NEC: 2824	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:

1. The requirement for Senior Chief and Master Chief Petty Officers ordered to SUADPS-RT billets to have previously held NEC LS-2824 may be waived by the gaining commanding officer.
2. First Class Petty Officers who hold NEC LS-2824 (Supply and Accounting (SUADPS-R/T) Technical Specialist) are eligible to attend the SUADPS-R/T Management Course at NSCS Athens.

LS-2828 Relational Supply Force Technical Specialist

Performs various automated systems inventory and financial management functions in Relational Supply Force activities. Functions include internal document identifier preparation, input/output controls, processing of inventory and financial management listings, maintenance and review of stock records/requisition files and system validation tables.

Source Rating: LS	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-551-0029	CDP: 746L, 746M
Sequence Code: 4		NR Ind: R
Component NEC: 2824	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2829 Relational Supply Unit Technical Specialist

Performs various automated systems inventory and financial management functions in Relational Supply Unit Level activities. Functions include inventory control, stock recorders, analysis of historical demand listings and financial reports. Reviews and corrects inventory and financial transactions and financial reconciliation reports.

Source Rating: LS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-551-0026	CDP: 740M, 746F, 789S
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2830 Relational Supply Force Advance Technical Specialist

Performs duties as the senior enlisted manager for the Relational Supply Force System. Analyzes and evaluates system inputs from subordinates and audits system coordinator outputs. Performs file analysis and document identifier production schedules. Establishes proper inventory and financial records controls.

Source Rating: LS	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-551-0027	CDP: 746H
Sequence Code: 4		NR Ind: R
Component NEC: 2828 or 2825	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

LS-2831 Relational Supply Unit Advance Technical Specialist

Performs duties as the senior enlisted manager for the Relational Supply Unit System. Performs inventory control, financial management, and system management analysis. Establishes record control for inventory and financial areas.

Source Rating: LS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-551-0028	CDP: 750C, 755X, 789V
Sequence Code: 4		NR Ind: R
Component NEC: 2829	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Component NEC 2829 is not required for E7-E9 personnel. E7-E9 personnel without component NEC should submit NAVPERS 1221/6 with command endorsement to PERS-4013.

PS-2905 Disbursing Afloat Automated Systems Specialist

Directs and coordinates operations of afloat disbursing offices equipped with automated disbursing payroll and travel systems. Performs auditing of payroll entries, cash flow in Automatic Teller Machines (ATMs) and accurate settlement of PCS and TDY travel claims. Directs payroll services utilizing information obtained from the automated systems, proper training or procedures to operate systems and exercises financial controls with the Disbursing Officer to ensure proper monetary accountability is maintained. Supervises audits of automated system files, records, logs, and financial returns.

Source Rating: PS	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-542-0015	CDP: 574C, 150A, 607E
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (56, N00B)	ECM: PERS 4011D15

LS-3001 Independent Duty Logistics Specialist

Performs duties and responsibilities of a Custodian of Postal Effects, to include processing postal claims for loss and damaged articles for the crew and the principles of providing good customer service; postal officer responsibilities and fleet audits and postal assist visits/inspections, preparing and releasing Mail Routing Instructions, preparing mail/PAX/Cargo and mail on hand reports, preparing and releasing postal incident reporting messages to include monthly updates, preparing mail routing schemes and mail transportation forms (to include International mail and customs requirements), the ability to review and approve requests for United States Postal Service capital equipment, operating postage meter equipment and Postage Validation Imprinters and maintaining records for them, programming an integrated retail terminal for both the Custodian of Postal Effects and finance clerks, the ability to prepare money order and meter reports for correctness prior to submission to the United States Postal Service, providing directory service on all un-deliverable mail, training department mail orderlies on safeguarding mail until delivery to the addressee, preparing and maintaining Standing Operating Procedures for ships postal operations, ensuring post office security is compliant with DOD regulations, an understanding of Best Business Practices of Perpetual Inventories and Cost Based Accounting.

Source Rating: LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-554-0026	CDP: 7439, 7905, 790W, 972E, 975C, 975D, 965K
Sequence Code: 3	ESTB Date: REV Date: 2/22/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP	ECM: BUPERS-32

NOTES:
1. Must be a U.S. citizen, eligible for a SECRET clearance, and possess a valid driver license.
2. E-4 personnel may request to attend the course with a strong recommendation from their command, or in conjunction with a STAR (Selective Training and Reenlistment) reenlistment. Also, an E-4 designated by PERS-4013D2 to fill a gapped independent duty billet must attend the Fleet Independent/Supervisors Postal Clerk course enroute to the gapped command.

SHIP'S SERVICEMAN

SH-3122 Barber

Cuts and trims hair and maintains equipment.

Source Rating: SH	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-840-0013	CDP: 325S, 574N, 5389, 5369, 538N, 6060
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

SH-3131 Ship’s Store Afloat Resale Operations Management (ROM) II Manager

Has knowledge of and uses a variety of modern E-Commerce and civilian automated systems and tools, including computer based cash registers, laser scanning, cash-less debit, and Electronic Data Interchange systems. Understands best business practices of perpetual inventories and cost-based accounting. Maintains financial and material accountability in a variety of operational environments through production and analysis of management reports produced by the Resale Operations Management (ROM) II system. Manages all service activities in ROM II configured ships.

Source Rating: SH	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-823-0019	CDP: 7359, 743A, 744P, 761D
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

MC-3251 Broadcast Operations Director

Directs the operation of radio, television, satellite, cable, and shipboard SITE support systems as coordinated elements of the command information broadcasting function. Conducts research, plans programming, production, budgeting, training, and maintenance. Performs liaison with host and other tenant activities to provide broadcast command information service. Conducts initial negotiations for facility modifications and inter-service support agreements. Supervises Broadcast Operation Specialists, Broadcast Engineers, Videographers, Graphic Designers, Clerks and Logistic personnel. Coordinates with Department of Defense level media activities to support American Forces Information Service products and taskings.

Source Rating: MC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Source Rating: IC	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course: Mandatory	CIN: S-570-0018	CDP: 961Y
Sequence Code: 3	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: R
Component NEC: 4747 (See Note 2)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N09C	Technical Advisor: CHINFO	ECM: BUPERS-32

NOTES:

1. NEC may be earned by graduation from the Broadcast Managers Course at the Defense Information School (DINFOS) or upon completion of at least two previous management assignments with AFRTS activities. Non course graduates must submit a NAVPERS 1221/6 to BUPERS (Pers 221L) via Chief of Information (CHINFO) with the following enclosures: Certified statements of AFRTS management assignments (LPO, SITE, Radio Program Director, TV Program Director, News Director, Operations Director, Chief Engineer); and a copy of enlisted performance evaluations for the past three years.
2. Component NEC 4747 is requirement for IC personnel only.

3301 Nuclear Qualified Reactor Department Master Chief (RDMC)

Is the senior enlisted advisor to the respective command advising on proper administration and supervision of a nuclear propulsion plant. The RDMC assists the Reactor Officer in administering enlisted personnel, designating enlisted watch assignments, monitoring the qualification program of all nuclear trained operators, and acts as a liaison for the Reactor Department at the CPO level. Additionally, the NEC identifies those individuals with the skills necessary to perform as RDMC based on a TYCOM directed shipboard qualification process.

Source Rating: Nuclear trained MM, ET, EM	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/13/10	NR Ind: N
Component NEC: Note 2	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 08	ECM: N133D

NOTES:

1. NEC awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (N133D).
2. Personnel must hold 3393, 3394, 3395, and 3396.

3302 Nuclear Qualified Engineering Department Master Chief (EDMC)

Is the senior enlisted advisor to the respective command advising on proper administration and supervision of a nuclear propulsion plant. The EDMC assists the Engineering Officer in administering enlisted personnel, designating enlisted watch assignments, monitoring the qualification program of all nuclear trained operators, and acts as a liaison for the Engineering Department at the CPO level. Additionally, the NEC identifies those individuals with the skills necessary to perform as EDMC based on a TYCOM directed shipboard qualification process.

Source Rating: Nuclear trained MM, ET, EM	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC: Note 2	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 08	ECM: N133D

NOTES:

1. NEC awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (N133D).
2. Personnel must hold 3363, 3364, 3365, and 3366.

MISSILE TECHNICIANS

MT-3303-3320 Missile Technicians

Operate and perform organizational and/or intermediate level maintenance on POSEIDON or TRIDENT weapons systems, fire control subsystems, missile subsystems, launcher systems, and associated support and test equipment. Perform operational readiness tests of systems and adheres to safety precautions applicable to missile explosive devices, missile hydraulics and missile testing. Participate in missile handling evolutions.

MT-3303 Missile Technician TRIDENT II SWS MK 98 MOD 6

Operates and performs organizational and/or intermediate level maintenance on the TRIDENT II (D5) Backfit Weapon Systems, MK 98 MOD 6 Fire Control subsystems, Missile subsystems, Launcher subsystems, and associated support and test equipment. Performs operational readiness tests of systems and adheres to safety precautions applicable to missile explosive devices, missile hydraulics, and missile testing. Participates in missile handling evolutions.

Source Rating: MT	Billet Paygrades: E3-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-121-0031 A-121-0032	CDP: 02X0 02X2, 02X3
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC: 3312	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Personnel must remain Personnel Reliability Program (PRP) eligible. New accessions or MT personnel with other than NEC MT-3312 are authorized to attend A-121-0031. NEC MT-3312 is required prior to attending A-121-0032.

MT-3312 Missile Technician Trident II SWS D-5 BACKFIT

Operates and performs organizational and/or intermediate level maintenance on the TRIDENT II (D-5) Backfit weapons system, fire control subsystems, missile subsystems, launcher subsystems, and associated support and test equipment. Performs operational readiness test of systems and adheres to safety precautions applicable to missile explosive devices, missile hydraulics and missile testing. Participates in missile handling evolutions.

Source Rating: MT	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-121-0085	CDP: 4928
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Projected last convening of A-121-0085 is in FY 2011, and deletion of NEC MT-3312 is projected to occur in FY 2017.

MT-3320 Nuclear Weapons Specialist (NWS)

Performs depot level maintenance on nuclear weapons. Encompasses three critical nuclear ordnance skill areas, Vertical Missile Packaging Branch (VMPB) Mate/Demate Technician, Service Unit Technician and Limit Life Component Exchange (LLCE) Technician. The VMPB Mate/Demate and Service Unit Technician perform handling, mating/demating, packaging/unpackaging and inspections of Re-entry Bodies (REB's). The LLCE Technician performs REB handling, packaging/unpackaging, inspections testing, and maintenance and replacement of REB limited life components. These skills are not provided by any of the source rating skills.

Source Rating: MT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

ET-3329 Navigation Electronics Operations and Maintenance Technician (TRIDENT II D5 Backfit SWS)

Operates and performs organizational and/or intermediate level maintenance on the TRIDENT II D5 Backfit SWS navigation subsystem.

Source Rating: ET	Billet Paygrades:	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-193-0442	CDP: 4890, 4891
Sequence Code: 4		NR Ind: N
Component NEC: ET-14XO	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: NEC is required to identify personnel only - who have earned NEC ET-14XO and received additional training to operate and maintain TRIDENT II D5 Backfit SWS Navigation equipment, but have not completed all requirements in the D5 Backfit SWS Navigation Maintainer Replacement pipeline CIN A-193-0445/CDP 588T and 588U.

MT-3349 Fleet Ballistic Missile Weapons and Navigation System Technician - Special Category
Performs duties as required in current duty assignment.

Source Rating: MT, ET	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: This NEC is not used to identify personnel. Billets have been identified at selected activities which do not require specific SWS NECs but which do require personnel with SWS backgrounds in the rating indicated on the manpower authorization.

MT-3350 SSGN Attack Weapon System (AWS) Missile Technician
Operate and perform organizational and/or intermediate level maintenance on 726 Class SSGN Tomahawk missile subsystems, launcher subsystems, and associated support and test equipment. Perform operational readiness tests of systems and adhere to safety precautions applicable to missile explosive devices, missile hydraulics and missile testing. Participate in missile evolutions. Assist in Special Operations Forces (SOF) operations as required.

Source Rating: MT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-121-0087	CDP: 789M
Sequence Code: 4	ESTB Date: REV Date: 9/1/09	NR Ind: N
Component NEC: 3312	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

NUCLEAR PROPULSION PLANT OPERATOR/SUPERVISOR

3351 Submarine Nuclear Propulsion Plant Emergency Welder
Performs emergency weld repairs on propulsion plant piping and components.

Source Rating: MM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-701-0015	CDP: 1303
Sequence Code: 5		NR Ind: N
Component NEC: See Note	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: NEC is assigned to personnel holding PNECs 3355, 3365 and 3359 only.

3353 Submarine Nuclear Propulsion Plant Operator - Reactor Control
Operates and performs organizational level maintenance on reactor control systems for submarine nuclear propulsion plants.

Source Rating: ET	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0012	CDP: 1306, 203K
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3383	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

3354 Submarine Nuclear Propulsion Plant Operator - Electrical
Operates and performs organizational level maintenance on electrical systems for submarine nuclear propulsion plants.

Source Rating: EM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0012	CDP: 1312, 203L
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3384	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

3355 Submarine Nuclear Propulsion Plant Operator - Mechanical
Operates and performs organizational level maintenance on mechanical systems for submarine nuclear propulsion plants.

Source Rating: MM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0014	CDP: 1318, 203M
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3385	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

3356 Submarine Nuclear Propulsion Plant Operator - Engineering Laboratory Technician

Performs radiological controls and water chemistry control functions and associated analyses in addition to operating and performing organizational level maintenance on mechanical systems for submarine nuclear propulsion plants.

Source Rating: MM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 1324, 203N
Sequence Code: 3		NR Ind: N
Component NEC: 3355	Related NEC: 3385, 3386	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

3359 Submarine Nuclear Propulsion Plant Operator - Special Category

Submarine nuclear propulsion operator assigned to duties not associated with the supervision, operation or maintenance of naval nuclear propulsion plants.

Source Rating: MM, ET, EM	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3353 or 3354 or 3355 or 3356 or 3363 or 3364 or 3365 or 3366	Related NEC: 3383, 3384, 3385, 3386, 3389, 3393, 3394, 3395, 3396	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Previously qualified for any 335X/336X NEC but not currently assigned to a nuclear propulsion plant billet associated with the supervision, operation, and maintenance of a nuclear propulsion plant. NEC assignment determined by Chief of Naval Operations (N13). NAVMILPERSCOM INSTRUCTION 1540.1 Series and OPNAVINST 1220.1 Series (NOTAL) apply.

3363-3366 Submarine Nuclear Propulsion Plant Supervisors

Fully qualified by virtue of seniority, experience and demonstrated proficiency (including specified watchstation qualification) to supervise the operation and maintenance of a submarine nuclear propulsion plant.

NOTES:

1. Assigned upon recommendation by the Commanding Officer to Petty Officers Second Class and above who have completed six or more years active naval service and are currently qualified the specified watchstations. For paygrade E-5, the Commanding Officer should ensure all military and professional requirements for advancement to E-6 are completed before forwarding recommendation. (Include watchstation qualification dates and completion of advancement requirements on NAVPERS 1221/6.)
2. Members serving in senior nuclear billets (NEC 336X) at commands where the specified watchstations do not exist are considered to have satisfied the watch qualification criteria if they were previously qualified on the required watchstations. Personnel who are advanced to CPO while serving at these commands may continue to be eligible for NEC 336X based on previous attainment of watchstation qualification required for paygrade E-6. In all cases, previous watchstation qualification must be documented in the member's service record.
3. Members with NEC 336X who are transferred to a nuclear powered ship and assigned in a senior nuclear billet will retain NEC 336X for a maximum of six months. If the member has requalified on the applicable watchstations, NEC 336X may be retained. If the member has not requalified in six months, the Commanding Officer is directed to recommend a change in NEC 336X to 335X or removal of NEC as appropriate. (See OPNAVINST 1220.1 Series for guidance.)
4. First Class Petty Officers with NEC 336X attached to nuclear powered ships who are advanced to CPO will retain their NEC while completing qualification as Engineering Watch Supervisor. OPNAVINST 1220.1 Series (NOTAL) specifies time limits for attainment of required watchstation qualification.
5. Members with NEC 3359 who are scheduled to be transferred to a nuclear powered ship are screened by Bureau of Naval Personnel (N13) per NAVMILPERSCOM INSTRUCTION 1540.1 Series. Based upon this screening, NEC 335X or NEC 336X will be assigned. Bureau of Naval Personnel (N13) will specify requalification time limits for the individual by letter to his commanding officer. NAVMILPERSCOM INSTRUCTION 1540.1 Series and OPNAV INSTRUCTION 1220.1 Series (NOTAL) apply. Commanding Officers should recommend NEC change to 335X as a step toward possible NEC removal recommendation when personnel with 336X are delinquent in requalification. (See OPNAVINST 1220.1 Series of guidance.)
6. Commanding Officers shall recommend NEC 335X in the case of those members with NEC 336X who are unable to maintain the necessary proficiency and leadership skills for continued assignment in senior nuclear power supervisor positions but who are still considered satisfactory nuclear propulsion plant operators. Those personnel who are unable to regain the necessary proficiency and leadership skills for supervisory positions should be considered for removal of their nuclear operator NEC 335X. (See OPNAVINST 1220.1 Series of guidance.)
7. On each ship there may be a few, singularly outstanding individuals who have clearly demonstrated that they are able to be effective supervisors prior to having six years time in service. In order to recognize the exceptional performance of these individuals, Commanding Officers may recommend a waiver of the six year time in service requirement to a minimum of five years time in service for supervisory NEC (336X). This recommendation will be on a case basis for those individuals who, in addition to meeting the requirements of paygrade, technical ability, and leadership, have qualified as Engineering Watch Supervisor (EWS). The waiver of the time in service requires the approval of the Bureau of Naval Personnel (N13).
8. Submit recommendations for change or removal of NECs for Enlisted Nuclear Propulsion Operators to the Bureau of Naval Personnel (N13) who will resolve the NEC change recommendation. (See OPNAVINST 1220.1 Series for additional guidance.)

3363 Submarine Nuclear Propulsion Plant Supervisor - Reactor Control

Source Rating: ET	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3353	Related NEC: 3393	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified Watchstations are: E-5/6: Reactor Operator and Shutdown Reactor Operator; E-7/8/9: Engineering Watch Supervisor.

3364 Submarine Nuclear Propulsion Plant Supervisor – Electrical

Source Rating: EM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3354	Related NEC: 3394	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N1333D

NOTE: Specified Watchstations are: E-5/6: Electrical Operator and Shutdown Reactor Operator; E-7/8/9: Engineering Watch Supervisor.

3365 Submarine Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3355	Related NEC: 3395	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified Watchstations are; E-5/6: Engine Room Supervisor and Shutdown Roving Watch; E-7/8/9: Engineering Watch Supervisor.

3366 Submarine Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3356	Related NEC: 3396	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified Watchstations are; E-5/6: Engineering Laboratory Technician, Engineroom Supervisor and Shutdown Roving Watch; E-7/8/9: Engineering Watch Supervisor

3373 Nuclear Propulsion Plant Maintenance Supervisor - Electronics
Supervises organizational and depot level maintenance on reactor control systems for Naval nuclear propulsion plants.

Source Rating: ET	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: F-191-0010	CDP: 050L, 031K, 042D, 355T, 1024
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865, N879)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: ET's must be assigned a nuclear operator or supervisor NEC and must be a graduate of Electronics Technician Maintenance School (ETMS) to qualify for this NEC.

3376 Nuclear Propulsion Plant Maintenance Supervisor - Radiological Controls
Supervises organizational and depot level radiological maintenance on Naval Nuclear Propulsion Plants and in nuclear capable repair activities.

Source Rating: MM, ET, EM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-661-1030	CDP: 322J
Sequence Code: 5	ESTB Date: REV Date: 8/26/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Must be assigned NEC 335X, 336X, 338X or 339X and must be a graduate of Radiological Controls Technician Qualification School (RCTQS) to qualify for this NEC.

3377 Nuclear Propulsion Plant Planner
Researches and writes organizational level nuclear propulsion plant maintenance procedures.

Source Rating: MM, ET, EM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-661-1022	CDP: 925Y
Sequence Code: 5	ESTB Date: REV Date: 8/26/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: N1323D

NOTES:
1. Must be assigned a 336X or 339X NEC and be a graduate of the IMA Nuclear Planner course.
2. Members assigned a 336X or 339X NEC and who are not an IMA Nuclear Planner course graduate may request assignment of NEC 3377 after completing 12 months OJT in the Nuclear Planning Division of Nuclear IMA.

3383-3389 Surface Ship Nuclear Propulsion Plant Operators

3383 Surface Ship Nuclear Propulsion Plant Operator - Reactor Control
Operates and performs organizational level maintenance on reactor control systems for surface ship nuclear propulsion plants.

Source Rating: ET	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1306, 203K
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3353	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

3384 Surface Ship Nuclear Propulsion Plant Operator - Electrical
Operates and performs organizational level maintenance on electrical systems for surface ship nuclear propulsion plants.

Source Rating: EM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1312, 203L
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3354	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

3385 Surface Ship Nuclear Propulsion Plant Operator - Mechanical
Operates and performs organizational level maintenance on mechanical systems for surface ship nuclear propulsion plants.

Source Rating: MM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 203M, 1318
Sequence Code: 3		NR Ind: N
Component NEC: 9901	Related NEC: 3351, 3355	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

3386 Surface Ship Nuclear Propulsion Plant Operator - Engineering Laboratory Technician
Performs radiological controls and water chemistry control functions and associated analysis in addition to operating and performing organization level maintenance on surface ship nuclear propulsion plants.

Source Rating: MM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 203N, 1324
Sequence Code: 3		NR Ind: N
Component NEC: 3385	Related NEC: 3356	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

3389 Surface Ship Nuclear Propulsion Plant Operator - Special Category

Surface ship nuclear propulsion operator assigned to duties not associated with the supervision, operation, or maintenance of a naval nuclear propulsion plant.

Source Rating: EM, ET, MM	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3383 or 3384 or 3385 or 3386 or 3393 or 3395 or 3396	Related NEC: 3351, 3353, 3354, 3355, 3356, 3359, 3363, 3364, 3365, 3366	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Previously qualified for any 338X/339X NEC but not currently assigned to a nuclear propulsion plant billet associated with the supervision, operation and maintenance of a nuclear propulsion plant. NEC assignment is determined by the Chief of Naval Operations (N13). NAVMILPERSCOMINST 1540.1 Series and OPNAVINST 1220.1 Series apply.

3393-3396 Surface Ship Nuclear Propulsion Plant Supervisors

Fully qualified by virtue of seniority, experience and demonstrated proficiency (including specified watchstation qualification) to supervise the operation and maintenance of surface ship nuclear propulsion plants.

NOTES:

1. Assigned upon recommendation by the Commanding Officer to Petty Officer Second Class and above who have completed six or more years active naval service and are currently qualified the specified watchstations. For paygrade E-5, the Commanding Officer should ensure all military and professional requirements for advancement to E-6 are completed before forwarding recommendation. (Include watchstation qualification dates and completion of advancement requirements on NAVPERS 1221/6.)
2. Members serving in senior nuclear billets (NEC 339X) at commands where the specified watchstations do not exist are considered to have satisfied the watch qualification criteria if they were previously qualified on the required watchstations. Personnel who are advanced to CPO while serving at these commands may continue to be eligible for NEC 339X based on previous attainment of watchstation qualification required for paygrade E-6. In all cases, previous watchstation qualification must be documented in the member's service record.
3. Members with NEC 339X who are transferred to a nuclear powered ship and assigned in a senior nuclear billet will retain NEC 339X for a maximum of six months. If the member has requalified on the applicable watchstations NEC 339X may be retained. If the member has not requalified in six months, the Commanding Officer is directed to recommend a change in NEC 339X to 338X or removal of NEC as appropriate. (See OPNAVINST 1220.1 Series for guidance.)
4. First Class Petty Officers with NEC 339X attached to nuclear powered ships who are advanced to CPO will retain their NEC while completing qualification as Engineering Watch Supervisor or Propulsion Plant Watch Supervisor. OPNAVINST 1220.1A (NOTAL) specifies time limits for attainment of required watchstation qualification.
5. Members with NEC 3389 who are scheduled to be transferred to a nuclear powered ship are screened by Chief of Naval Operations (N13) per NAVMILPERSCOMINST 1540.1 Series. Based upon this screen, NEC 338X or NEC 339X will be assigned. Chief of Naval Operations (N13) will specify requalification time limits for the individual by letter to his Commanding Officer. NAVMILPERSCOMINST 1540.1. Series and OPNAVINST 1220.1 Series (NOTAL) apply. Commanding officers should recommend NEC change to 338x as a step toward possible NEC removal recommendation when personnel with NEC 339X are delinquent in requalification. (See OPNAVINST 1220.1 Series for guidance.)
6. Commanding Officers shall recommend NEC 338X in the case of those members with NEC 339X who are unable to maintain the necessary proficiency and leadership skills for continued assignment in senior nuclear power supervisory positions but who are still considered satisfactory nuclear propulsion plant operators. Those personnel who are unable to regain the necessary proficiency and leadership skills for supervisory positions should be considered for removal of their nuclear operator NEC 338X. (See OPNAVINST 1220.1 Series for guidance.)
7. On each ship there may be a few, singularly outstanding individuals who have clearly demonstrated that they are able to be effective supervisors prior to having six years time in service. In order to recognize the exceptional performance of these individuals, Commanding Officers may recommend a waiver of the six year time in service requirement to a minimum of five years time in service for supervisory NEC (339X). This recommendation will be on a case basis for those individuals who, in addition to meeting the requirements of paygrade, technical ability and leadership have qualified as Engineering Watch Supervisor (EWS) or Propulsion Plant Watch Supervisor (PPWS). The waiver of the time in service requires the approval of the Bureau of Naval Personnel (N13).
8. Submit recommendation for change or removal of NECs for Enlisted Nuclear Propulsion Operators to the Chief of Naval Operations (N13) who will resolve the NEC change recommendation. (See OPNAVINST 1220.1 Series for additional guidance.)

3393 Surface Ship Nuclear Propulsion Plant Supervisor - Reactor Control

Source Rating: ET	Billet Pay Grades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3383	Related NEC: 3363	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified Watch stations are; E-5/6: Reactor Operator and Shutdown Reactor Operator; E-7/8/9: Engineering watch Supervisor or Propulsion Plant Watch Supervisor

3394 Surface Ship Nuclear Propulsion Plant Supervisor - Electrical

Source Rating: EM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3384	Related NEC: 3364	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified watchstations are; E5/6: Electrical Operator and Shutdown Reactor Operator; E7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

3395 Surface Ship Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3385	Related NEC: 3365	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified Watchstations are: E-5/6: Chief Reactor Watch and Shutdown Roving Watch or Chief Machinery Operator and Shutdown Roving Watch on CVNs; E-7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

3396 Surface Ship Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 3386	Related NEC: 3366	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N133D

NOTE: Specified watchstations are: E-5/6: Engineering Laboratory Technician and the following: Chief Reactor Watch or Chief Machinery Operator and Shutdown Roving Watch on all CVNs; E-7/8/9: Engineering Watch Supervisor or Propulsion Plant Supervisor.

3397 In-Tube Conversion Technician

Converts Trident II tactical Fleet Ballistic Missiles (FBM) to test configuration in support of the Director, Strategic Systems Program's Flight Test Program.

Source Rating: ET, MT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Factory Training	CIN: A-121-0025	CDP: 0A1R
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: DIRSSP	ECM: BUPERS-32

CULINARY SPECIALIST

CS-3527 Advanced Culinary Techniques and Management

Performs and manages food service functions in general messes afloat and ashore. Plans menus, adjusts recipes, prepares foods, and operates serving lines. Operates and manages food service equipment. Responsible for sanitation and customer service. Specializes in food service support in general messes afloat and ashore. Responsible for mess financial management and internal control records.

Source Rating: CS	Billet Paygrades: E5	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-800-0030	CDP: 576L, 435D, 4763, 4918, 534R, 628E
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (51, N00B)	ECM: BUPERS-32

CS-3529 Wardroom/Galley Supervisor
Manages, supervises, directs, coordinates, and controls all functions of a wardroom/galley to achieve sustained excellence in all aspects of the food service operation.

Source Rating: CS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-800-0015	CDP: 343T, 574G, 607J, 654E, 662B
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41	Technical Advisor: NAVSUP (51, N00B)	ECM: BUPERS-32

CS-3530 Public Quarters Enlisted Aide Specialist
Responsible to Public Quarters operations. Prepares meals, coordinates quarters maintenance and performs official function planning duties in accordance with OPNAVINST 1306.3(Series). NEC holders adhere to protocol, etiquette and Flag Officer and General Officer public residence security requirements.

Source Rating: CS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-800-0038	CDP: 03W7
	A-800-0035	640R
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-44ES	Technical Advisor: PERS-44ES	ECM: BUPERS-32

Notes:
1. Member must have a minimum of a secret security clearance.
2. NEC will be awarded upon completion of the required course, completion of Enlisted Aide Personnel Qualification Standards, and completion of one year in a valid Enlisted Aide billet. Contact the Enlisted Aide Detailer for more information.

MUSICIAN

MU-3801-3815 Instrumentalists
Perform duties as instrumentalists on primary and/or secondary instrument(s) as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

NOTES:
1. Must meet instrumental audition requirements for graduation from applicable course.
2. Flute/Piccolo Instrumentalists (MU-3801) and Clarinet Instrumentalists (MU-3803) must also qualify for and hold NEC MU-3805 as a secondary NEC. Saxophone Instrumentalists (MU-3805) must also qualify for and hold either MU-3801 or MU-3803 as a secondary NEC. Euphonium Instrumentalists (MU-3808) must also qualify for and hold MU-3809 as a secondary NEC.
3. Guitar Instrumentalists (MU-3812), Keyboard Instrumentalists (MU-3814), Electric Bass/String Bass Instrumentalists (MU-3815), and Vocalists/Entertainers (MU-3825) perform on auxiliary percussion instruments as required/directed.

MU-3801 Flute/Piccolo Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3802 Oboe Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3803 Clarinet Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3804 Bassoon Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3805 Saxophone Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3806 Trumpet Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3807 French Horn Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3808 Euphonium Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3809 Trombone Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3811 Tuba Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3812 Guitar Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010

Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

MU-3813 Percussion Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3814 Keyboard Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3815 Electric Bass/String Bass Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3825 Vocalist/Entertainer
Performs duties as solo/lead vocalist for authorized Navy bands.

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

NOTE: Must meet vocal audition requirements for graduation from applicable course. SPECIAL QUALIFICATIONS: Must possess the necessary showmanship and vocal musicianship to perform a wide variety of musical genres at a professional level as part of various ensemble types.

MU-3851 Enlisted Band Leader
Change description to: Performs duties as Assistant Director, Command Master Chief, Senior Enlisted Advisor and/or Acting Director of an official Navy band or other Navy Music Program command/activity/unit afloat or ashore. Supervises the performance of assigned personnel and directs daily operation and management of band activities. Functions as the de facto assistant Officer in Charge of assigned personnel. Also serves in special duty assignment billets as directed.

Source Rating: MU	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-450-0014	CDP: 471P
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3852 Arranger
Performs duties as musical arranger for authorized Navy bands. Develops and writes musical scores/arrangements to meet various performance requirements.

Source Rating: MU	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3853 Unit Leader

Performs duties as Chief Petty Officer/Petty Officer in Charge of musical unit(s) for authorized Navy bands. Directs, leads, and instructs musical ensembles in rehearsal and performance.

Source Rating: MU	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-450-0012	CDP: 3250
Sequence Code: 7		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3854 Ceremonial Conductor-Drum Major

Performs duties as ceremonial conductor and drum major for authorized Navy bands. Conducts and directs the musical and military performance of ceremonial units and parade bands.

Source Rating: MU	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

MU-3855 Sound Reinforcement Technician

Designs, configures, and operates multi-amplifier concert sound reinforcement systems for use in public performances by official Navy bands. Technician qualifications include knowledge of acoustics, hearing conservation, simple repair of basic sound system cables, professional wired and wireless microphone systems (placement, sensitivity, directionality, and frequency response profiles), digital and analog signal processors, digital and analog mixing consoles (powered and non-powered), digital speaker management systems, use of multiple monitor mixes (both in-ear and on-stage monitors), loudspeakers (design, directivity, and sensitivity ratings), signal flow, and troubleshooting of complete sound reinforcement systems.

Source Rating: MU	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-450-0018	CDP: 6990
Sequence Code: 7		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

NOTE: Personnel must demonstrate competency in mixing techniques and have Bandmaster endorsement. At least one year of on-the-job training with a qualified Sound Reinforcement Technician is recommended prior to requesting course assignment. PERS-4014 will select best qualified candidates to attend course.

INTELLIGENCE SPECIALIST

IS-3910 Naval Imagery Interpreter

Interprets all-source imagery intelligence, uses an electric light table (ELT) to interpret imagery, operates digital imagery systems, identifies and measures objects of intelligence interest found in imagery, prepares imagery interpretation reports, and maintains files related to imagery interpretation. Analyzes full motion video, provides battle damage assessment and uses imagery to provide an accurate picture to the Tactical/Operational commander for Intelligence Preparation of the Battlespace.

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: J-242-0993	CDP: 164P
Sequence Code: 4	ESTB Date: REV Date: 6/26/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: OPNAV N2M	ECM: BUPERS-32

NOTES:

1. NEC can be awarded to SELRES personnel who have completed specified training or who have completed a combination of training and specified experience as indicated below:

a. U.S. Air Force Course X3ABR20630-001, X3ABR20630-002, X3ABR20630-003, R-242-0011-01 or R-242-0011-02 Goodfellow AFB, TX.

b. U.S Army Course 242-96D10 (AIT), Ft Hauchuca, AZ.

c. National Imagery and Mapping College, National Imagery Analysis Course A101 or 000743, Washington, DC.

2. Other documented imagery interpretation training received from a secondary school, university, or commercial course of instruction may qualify for NEC 3910 when coupled with extensive experience as outlined below.

a. At least one tour of duty as an imagery interpreter while on active duty or,

b. At least one year of civilian employment as an imagery interpreter or,

c. At least 200 workdays of Active Duty for Training (ACDUTRA) and weekend drills where the primary duty was imagery interpretation

3. Reservists requesting the 3910 NEC submit NAVPERS 1221/6 form (Navy Enlisted Classification (NEC) Change Request)

To: Commanding Officer, Enlisted Placement Management Center
New Orleans, LA 70159-7900
Via: Chief of Naval Operations (N2M)
2000 Navy Pentagon
Washington, DC 20350-2000

IS-3912 Expeditionary Warfare Intelligence Specialist

Provides comprehensive intelligence support to Special Operations Forces (SOF) and Expeditionary Warfare Operations (EWO). Performs analytical assessment, all-source fusion, mission planning, and threat analysis using standardized procedures in support of Special Operations and Expeditionary forces.

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-243-0050	CDP: 02S9
Sequence Code: 5	ESTB Date: REV Date: 6/26/09	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: OPNAV N2M, SPECWAR	ECM: BUPERS-32

IS-3913 Navy Tactical Human Intelligence (HUMINT) Specialist

The mission of the Navy Tactical HUMINT Specialist is to acquire intelligence information from human sources in response to validate Navy and national requirements by supervising and conducting tactical HUMINT collection operations. The Navy Tactical HUMINT Specialist supervises and conducts tactical HUMINT collection operations that include, but are not limited to, debriefings, interrogations and elicitations in English and foreign languages for positive intelligence and force protection information; facilitating in theater military source operations (MSO), screening of HUMINT sources and documents to establish priorities for exploitation; under CI supervision, plans and participates in Counterintelligence and Force Protection Operations (CFPO); coordinates the translation and exploitation of captured enemy documents, foreign language and open source publications; prepares and edits appropriate intelligence and administrative reports; utilizes CI/HUMINT reporting and communications equipment; uses interpreters and manages interpreter/translator operations; conducts liaison and coordination in foreign language with host nation agencies; conducts analysis and performs briefings and debriefings as required.

Source Rating: Rating: IS (See Note 1)	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: J-244-0944	CDP: 0447
Sequence Code: 4		NR Ind: R
Component NEC: 3912	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: OPNAV N272	ECM: BUPERS-32

NOTES:

1. Waiver requests from non-IS personnel will be considered on a case by case basis for individuals with relevant qualifications (such as foreign language proficiency) or prior experience in view of personnel requirements which may exist at the time of request.
2. TS/SCI Secret Security Clearance required.

IS-3923 Strike Planning Applications

Conducts afloat tactical and operational level research, analysis and dissemination in support of strike operations. Fuse multi-source data into textual and graphical presentations of the battlefield and operational area to support power projection planning. Provides mensurated aimpoints utilizing the Precision Targeting Workstation (PTW) in support of Navy Precision Guided Munition strike warfare. Provide integrated operational and environmental intelligence information to strike planners. Provide target intelligence to tactical mission planners and maintain tactical level targeting folders.

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0991	CDP: 663H
Sequence Code: 4	ESTB Date: REV Date: 6/26/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: OPNAV N2M	ECM: BUPERS-32

IS-3924 Operational Intelligence (OPINTEL) Analyst

Provides training on the knowledge and skills required to perform Operational Intelligence (OPINTEL) analysis. The six-week OPINTEL course awards the Navy Enlisted Classification (NEC) Code 3924 to Intelligence Specialists. Students are instructed in GCCS-M operations, intelligence fundamentals, Command, Control, Communications, Computers, and Intelligence (C4I) concepts, and nodal analysis.

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: J-150-0962, A-243-0022	CDP: 3687, 422X, 04J0
Sequence Code: 4	ESTB Date: REV Date: 6/26/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: OPNAV N2M	ECM: BUPERS-32

GAS TURBINE SYSTEMS TECHNICIAN

GS-4123 CG-47 Gas Turbine Electrical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 class gas turbine main propulsion and electric generating plants control systems.

Source Rating: GSE, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0350 (P/L) A-652-0328	CDP: 714G 004W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GS-4124 CG-47 Gas Turbine Mechanical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 gas turbine main propulsion and electric generating plants, mechanical systems, and auxiliary support systems.

Source Rating: GSM, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0354 (P/L) A-652-0303	CDP: 714L 173P
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel that are assigned to a CG-47 (non-smart ship) holding either GS-4126, GS-4128, or GS-4143 Gas Turbine Mechanical Technician NEC, have a minimum of twelve (12) months CG-47 platform experience, and have completed local JQR for the propulsion control and electrical generating system are, with Commanding Officer's recommendation, eligible to apply for NEC GS-4124. Submit NAVPERS 1221/2 to EPMAC (Code 49).

GS-4125 DDG-51 Gas Turbine Electrical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 gas turbine main propulsion and electric generating plant control systems.

Source Rating: GSE, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0352 (P/L) A-652-0329	CDP: 714J 004X
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GS-4126 DDG-51 Gas Turbine Mechanical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 gas turbine main propulsion and electric generating plants mechanical system and auxiliary support systems.

Source Rating: GSM, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0355 (P/L)	CDP: 714M
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel that are assigned to a DDG-51 holding either GS-4124, GS-4128 or GS-4143 Gas Turbine Mechanical Technician, have a minimum of twelve (12) months DDG-51 platform experience and completed local JQR for the propulsion control and electric generating system are, with Commanding Officer's recommendation, eligible to apply for NEC GS-4126. Submit NAVPERS 1221/6 to PERS-4013D2.

GS-4128 FFG-7 Gas Turbine Mechanical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on FFG-7 gas turbine main propulsion plant mechanical systems and auxiliary support systems.

Source Rating: GSM, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0353 (P/L)	CDP: 714K
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel holding either GS-4124, GS-4126 or GS-4143 Gas Turbine Mechanical Technician assigned to an FFG that have a minimum of twelve (12) months FFG platform experience and have Commanding Officer's recommendation are eligible to apply for NEC GS-4128. Submit NAVPERS 1221/6 to PERS-4013D2.
2. Personnel successfully completing Gas Turbine (FFG) Console Operating Training (CDP: 005C; CIN: A-652-0336) and GSM Mechanical Maintenance (CDP: 173P; CIN: A-652-0303) course of instruction are eligible to apply for NEC GS-4128. Submit NAVPERS 1221/6 to PERS-4013D2.

GS-4129 FFG-7 Gas Turbine Electrical Maintenance Technician

Operates and performs advanced organizational and/or intermediate maintenance to the component level on FFG-7 gas turbine main propulsion plant control systems.

Source Rating: GS, GSE	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0351 (P/L) A-652-0327	CDP: 714H 004V
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GS-4130 LCAC Deck Engineer

The Landing Craft Air Cushion Deck Engineer is a critical crew position aboard the LCAC, constantly working with high technical and potentially dangerous high-speed machinery. Also maintains, troubleshoots, and perform maintenance on the LCAC gas turbine engines, propulsion and lift system, and mechanical auxiliaries. The Deck Engineer will be familiar with the ABS mission.

Source Rating: GSM, GSE, HT	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E5
Course: Mandatory	CIN: S-062-0021	CDP: 6049, 6050
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: PERS-4011D5

GS-4131 LCAC Craft Engineer/Assistant Operator

Operates the Landing Craft, Air Cushion (LCAC) vehicle engineering plant (propulsion, lift, and control systems) in amphibious assault and training operations. Performs systems diagnostics, troubleshooting, and limited engineering systems repair during operations. Operates the LCAC when the Craftmaster (NEC BM-0167) is incapacitated.

Source Rating: DC, EN, EM, GS, GSE, GSM, HT, MM, MR	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-652-0312	CDP: 0622, 424J
Sequence Code: 5	ESTB Date: REV Date: 7/15/09	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum ASVAB Score of AR+MK+EI+GS = 204 is required for entry into the training courses. Interested candidates who meet the requisite ASVAB score should contact their detailer for nomination to the LCAC program. Pers-409 will coordinate assignment with the appropriate detailer.
2. NEC candidates must be physically qualified for special duty in accordance with the Manual of the Medical Department (NAVMED P117).
3. NEC candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.

GS-4133 LCAC Mechanical Systems maintenance Technician

Performs organizational and intermediate level maintenance on LCAC propulsion and lift systems.

Source Rating: GS, GSM, GSE	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0314	CDP: 0609, 645S
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GS-4135 LCAC Electrical Systems Maintenance Technician

Performs organizational and intermediate level maintenance on LCAC craft control systems.

Source Rating: GS, GSE, EM, IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0315	CDP: 0610, 646M
Sequence Code: 5	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GS-4136 Marine Gas Turbine Inspector

Performs periodic borescope inspections, mechanical grooms, and gas turbine bulletin inspections. Provides troubleshooting and on-the-job training, oversees intermediate maintenance level repairs, and assists in calibration. Makes engine change-out recommendations and oversees gas turbine change installations. Ensures accuracy of engine logbook entries.

Source Rating: GS, GSM, GSE	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-652-0505	CDP: 186W, 1853
Sequence Code: 3	ESTB Date: REV Date: 7/15/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel qualified per OPNAVINST 9220.3 and General Gas Turbine Bulletin 11 (Current Revision). Submit NAVPERS 1221/6 to PERS-4013D2 via NSWCCD 933.

GS-4140 NAMTS Gas Turbine Repair

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of marine gas turbine engines in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: GSM	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: See Description	CIN: V-651-4140 (P/L)	CDP: 667X, 667Y, 667Z, 6680, 6681, 6682, 6683, 6684, 6685
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

GSE -4141 CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technician

Operates and performs preventive and corrective maintenance and all authorized fault isolation and repair procedures on the Engineering Control System Equipment (ESCE).

Source Rating: GSE, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-4141 (P/L) (See Note)	CDP: 744M
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel who participated in a complete Smart Ship Engineering Control System Equipment (ECSE) installation and testing and have completed both S-652-0040 AEGIS Smart Ship Engineering Control System Equipment (ECSE) interim training and S-652-0041 AEGIS Smart Ship Engineering Control System Equipment (ECSE) operator and familiarization are eligible to be awarded NEC GSE-4141. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to NAVPERS-4013.

GSM-4143 CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technician

Provide personnel with information regarding engineering administrative programs necessary for performance as work center supervisor and with knowledge and skills required to perform organizational level maintenance on pumps, valves, hydraulic systems, fuel systems, lube oil systems, air systems, waste heat boilers and LM2500/Allison gas turbine engines associated with the CG-47 Smart Ship class engineering plant.

Source Rating: GSM, GS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See Description	CIN: A-652-0364(P/L)	CDP: 750G
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel that are assigned to a CG-47 (smart ship) holding either GS-4124 or GS-4126 Gas Turbine Mechanical Technician, have a minimum of twelve (12) months CG-47 (smart ship) platform experience and completed local JQR for the propulsion control and electric generating system are, with Commanding Officer's recommendation, eligible to apply for NEC GS-4143. Submit NAVPERS 1221/6 to PERS-4013D2.
2. Personnel who have completed A-652-0039 CG-47 Smart Ship Console Operator training or S-652-0041 AEGIS Smart Ship Engineering Control System Equipment (ECSE) operator and familiarization are immediately authorized to be awarded NEC GSM-4143. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to NAVPERS-4013D2.

MACHINIST'S MATE

MM-4201 Cryogenics Technician, Overseas Shore Based Equipment Operator/Maintainer

Operates, tests, inspects, and performs organizational and intermediate level maintenance on shore based (overseas) high and low pressure liquid oxygen and nitrogen generating plants in the manufacture of liquid oxygen and liquid nitrogen. Tests liquid oxygen and liquid nitrogen for purity and acetylene contamination. Performs required checks on O2/N2 compressed gas cylinders both prior to and after charging them to proper pressure. Operates and maintains mechanical refrigeration systems, reciprocating high pressure and centrifugal low pressure air compressors, cryo generators, vacuum pumps, and gaseous distribution systems. Detects, analyzes and corrects abnormal situations which may arise during operation of liquid oxygen/nitrogen generating plants.

Source Rating: MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: M-750-9901 (P/L)	CDP: 215Z
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4204 Steam Propulsion Maintenance Supervisor

Supervises organizational level maintenance and conducts onboard maintenance training on conventional propulsion boilers, steam propulsion engines, forced draft blowers, associated machinery, ship service turbine generators (SSTG), steam plant controls/regulating components (less automatic boiler controls), supporting auxiliary equipment, valves and piping systems. Conducts equipment material inspections, identifies abnormal equipment conditions and initiates corrective action. Maintains a current inventory of all required maintenance/repair records, technical documentation, special tools and repair equipment.

Source Rating: MM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-651-0063 (P/L)	CDP: 036Y
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4206 Shipboard Engineering Plant Program Manager

Administers, manages and evaluates shipboard engineering programs. Recognizes engineering systems and major components external to the propulsion plant which comes under the cognizance of the Engineering Officer of the Watch (EOOW). Evaluates operating conditions and makes recommendations to the engineering officer.

Source Rating: MM, EM, EN, IC, GSE, GSM, GS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-651-0110 A-4H-0178 A-4H-0157 A-4H-0158 A-4H-0159 A-4H-0160	CDP: 732X, 732W 3977 444Y 444Z 445A 445B
Sequence Code: 3	ESTB Date: REV Date: 3/10/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: E6 personnel earning this NEC must be EOOW qualified and billeted to Afloat Training Group.

MM-4208 Automated Electrolytic Oxygen Generator (AEOG) Maintenance Technician

Operates the Automated Electrolytic Oxygen Generator on board submarines.

Source Rating: MM, EM, ET	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0087	CDP: 01E3, 5576
Sequence Code: 5		NR Ind : A
Component NEC:	Related NEC: 4252	Open to Women: Yes
Primary Advisor: OPNAV N8779	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4231 SSN/SSBN Auxiliary Equipment Operator
Operates, maintains and repairs submarine hydraulic power plants, hoists and cylinders, atmosphere control equipment, emergency diesel engine pressurized air systems and potable water systems.

Source Rating: MM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0700	CDP: 02AY
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4233 SSN/SSBN Weapons Equipment Technician
Operates, maintains and repairs submarine underwater launch systems. They are responsible for safe loading, unloading, shipping and storage of these weapons.

Source Rating: MM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-123-0204	CDP: 6658
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4234 SSN 774 Class Advanced Auxiliary Equipment Technician
Operates and performs organizational level maintenance on all assigned auxiliary equipment.

Source Rating: MM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course:	CIN: A-652-0090	CDP: 04HF
Sequence Code: 4		NR Ind: R
Component NEC: 4231	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4235 SSN 751-773 Submarine Vertical Launch System Tube Maintenance Technician
Possesses knowledge and skills required to operate, and perform preventive maintenance and basic corrective maintenance on submarine vertical launch tube components unique to SSN 751-773 class ships.

Source Rating: MM, FT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-123-0207	CDP: 2354, 1238
Sequence Code: 2		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4236 Combined Torpedo MK48 Heavyweight Technician
Provide the maintenance technician with the knowledge and skills to perform preventative and basic corrective maintenance at the Intermediate Maintenance Activity (IMA) level in support of the MK48 Heavyweight Torpedo program.

Rating: MM, ET(SS), STS, FT(SS)	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-123-0198	CDP: 03NJ
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: 0750, 0751	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: PERS-323

NOTE: A Secret Security Clearance is required to obtain this NEC.

MM-4246 SSN/SSBN Diesel Engine (Fairbanks-Morse) Maintenance Technician
Performs preventive, organizational and/or intermediate level maintenance on submarine diesel engines and components including pumps, blowers, governors, injectors, cylinders, liners, pistons, connection rods, bearings, crankshaft, vertical drive assembly, lubrication oil, fuel oil, scavenging air, exhaust, starting air, and cooling water systems. Takes readings and makes adjustments required for the proper operation and repair of the engines. Performs shipboard duties required for lube oil, trend and water analysis.

Source Rating: MM	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0150	CDP: 044W, 050V, 354X, 5501, 8126
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4247 SSN 719 – 725 and 750 Submarine Vertical Launch System Tube Maintenance Technician

Possesses knowledge and skills required to operate and perform preventative maintenance and basic corrective maintenance on submarine vertical launch tube components unique to SSN 719-725 and 750 ships.

Source Rating: MM, FT	Billet Paygrades: E3-E7	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-123-0210	CDP: 5266, 5267
Sequence Code: 2		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4252 Electrolytic Oxygen Generator (Model 6L16) Operator/Mechanical Maintainer

Operates, troubleshoots, and performs basic corrective maintenance on the Model 6L16 Electrolytic Oxygen Generator.

Source Rating: MM, EM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0050	CDP: 044Y, 354M
Sequence Code: 5	ESTB Date: REV Date: 11/9/09	NR Ind: A
Component NEC:	Related NEC: 4208, 4253, 4254	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4253 Low Pressure Electrolyzer (LPE) Operator

Operates and performs required mechanical maintenance on the Low Pressure Electrolyzer on board submarines.

Source Rating: MM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0190	CDP: 05TZ, 05U0
Sequence Code: 4		NR Ind: N
Component NEC: 4231	Related NEC: 4208, 4252, 4254	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4254 Oxygen Plant Operator/Maintenance Technician

Functions as watchstander on the Electrolytic Oxygen Generator for Seawolf. Identifies abnormal conditions in operation of the plant that may lead to emergency and/or casualty and initiates corrective or emergency procedures. School is factory training.

Source Rating: MM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-652-0592	CDP: 5861
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC: 4252	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4283 High and Low Pressure Cryogenic Technician

Operates, tests, inspects, and performs organizational and intermediate level maintenance on high and low pressure liquid oxygen and nitrogen generating plants. Tests liquid oxygen and liquid nitrogen for purity and acetylene contamination. Performs required checks on O2N2 compressed gas cylinders prior to and after charging them to the proper pressure. Manufactures liquid oxygen and liquid nitrogen by operating liquid oxygen and nitrogen generating plants to achieve capacity production under various climatic conditions. Operates and maintains mechanical refrigeration systems, reciprocating high pressure and centrifugal low pressure air compressors, cryogenerators, vacuum pumps, and gaseous distribution systems. Detects, analyzes, and corrects abnormal situations which may arise during the operation of liquid oxygen/nitrogen generating plants and associated equipment as prescribed on PMS maintenance requirement cards and applicable instructions. Documents corrective maintenance on relevant MDCS forms. Type II or Universal certification in accordance with EPA mandate is required.

Source Rating: AS, MM	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-750-0015	CDP: 809U
Sequence Code: 4	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865/N871B/N889)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: BUPERS-32

MM-4291 Refrigeration and Air Conditioning Systems Technician

Starts, operates, performs organizational and/or intermediate level maintenance and overhauls all types of refrigeration, cooling and air conditioning equipment utilizing centrifugal or reciprocating compressors, including accessories and controls. Identifies abnormal conditions and corrects malfunctions that may lead to inadequate refrigeration, cooling or air conditioning. Performs refrigerant recovery and recycling in accordance with section 608 of the Clean Air Act as amended. Universal certification in accordance with EPA mandate is required.

Source Rating: MM, EN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-720-0010	CDP: 3102, 713J
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4295 UNREP Equipment Mechanic

Operates and performs organizational level maintenance on hydropneumatic and electro-hydraulic equipment and machinery associated with UNREP Systems. Tests and repairs hydraulic power supplies, circuits, motors, valves, and other components.

Source Rating: MM, EN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-690-0028	CDP: 703C
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4296 Shipboard Elevator Hydraulic/Mechanical System Mechanic

Tests, inspects, and performs organizational maintenance on shipboard weapons and cargo handling elevators on a system and component level. Troubleshoots and repairs hydraulic, mechanical and hydromechanical systems and equipment, not including electronic and electrical components and interfaces. Coordinates efforts with operators and maintainers of other ratings using or servicing the systems.

Source Rating: EN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: MM, GM, AO	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-690-0100	CDP: 585R
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 4295	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ENGINEMAN

EN-4302 PAXMAN Valenta Diesel Engine Operator

Operates and maintains PAXMAN Valenta Diesel Engines. Performs maintenance on the SF Reduction gear model BW 1500 in accordance with specifications and procedures outlined in the manufacturers technical manual or performance checklist.

Source Rating: EN	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTE: Personnel completing USCG course of instruction and have Commanding Officers' recommendation can be awarded this NEC. Submit NAVPERS 1221/6 to PERS-4013D2.

EN-4303 Cummins Diesel Engines Technician

Operates and performs organizational and/or extensive intermediate maintenance and overhaul on the Cummins Diesel Engines (6BTA5.9M and 6B5.9M) and associated auxiliary equipment.

Source Rating: EN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Source Rating: SB	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Factory Training	CIN: K-652-0232	CDP: 378D, 423D
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC awarded through factory training.

EN-4304 MTU Diesel Technician

Operates and performs organizational preventive maintenance, troubleshoots system/component failures and performs corrective maintenance on MTU diesel engines and Kamawa water jet pumps in accordance with manufacturer's recommendations.

Source Rating: EN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-652-0210	CDP: 533U
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

EN-4305 Caterpillar Diesel Technician

Operates and maintains Caterpillar model 3126 diesel engines in Naval Special Warfare Rigid Hull Inflatable Boats. Performs maintenance and troubleshooting in accordance with procedures as outlined in the manufacturer's technical manual or performance checklist.

Source Rating: EN, SB	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-652-0210	CDP: 533U
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

EN-4306 Caterpillar Electronically Controlled Engine Technician

Performs organizational level maintenance and troubleshooting on Caterpillar B series engines.

Source Rating: EN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-652-0600	CDP: 785X
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N869	Technical Advisor: SPECWAR	ECM: BUPERS-32

EN-4308 Causeway Section Powered/Side Loadable Warping Tug (CSP/SLWT) Engineer

Operates and performs preventive and corrective maintenance on the water jet propulsion engines and associated auxiliary mechanical systems on the Causeway Sections Powered and Side Loadable Warping Tugs.

Source Rating: EN, CM, MM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN: K-652-0297	CDP: 179Y, 647R
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Course mandatory for naval reserve personnel. Active duty personnel may earn this NEC by completing applicable PQS/OJT or course completion.

EN-4310 ALCO (251C) and General Motors EMD (645) Diesel Engine Technician

Operates and performs organizational and/or intermediate maintenance on the ALCO, and General Motors EMD diesel engines and associated auxiliary equipment.

Source Rating: EN, MM, CM, EQ	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0321	CDP: 005G
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4313 Outboard Engine Mechanic

Performs troubleshooting, preventive and corrective maintenance, and engine and lower unit overhauls on 2-stroke outboard engines ranging in size from 9.9 to 225 horsepower.

Source Rating: EN	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Source Rating: EM, BM, HT, SO, EOD, ND, SB	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0237	CDP: 093D, 7697
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel holding 53XX NEC's are also eligible to earn this NEC.
2. NEC awarded upon completion of Factory Training.

EN-4314 Diesel Engine Inspector

Inspects and assesses material condition, monitors general readiness, provides on-board maintenance training, and diagnoses improper operating procedures and equipment casualties/failures and supports corrective actions of marine main propulsion diesel engines, diesel generators, and component systems.

Source Rating: EN, MM	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-652-0311	CDP: 696G, 696F
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC assignment is based on 5 years experience in operation and maintenance of main propulsion diesel engines or diesel generators and must pass certification course administered by Center of Naval Excellence or other NAVSEA 05 designated representative.
2. E-6 EN and Submarine MM may attend the certification course if they have been selected for promotion to CPO and meet the other NEC requirements.
3. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013D2 for award of this NEC.

EN-4324 MCM Propulsion Technician

Operates and maintains, at the organizational level, Isotta Franchini diesel engines used for marine propulsion or generator service. Operates and maintains the SOLAR T-1302S-28AA Gas Turbine Generator set used on board the MCM class ships.

Source Rating: EN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Source Rating: GSE	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-652-0017	CDP: 06SS
Sequence Code: 4	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4333 Fairbanks Morse (38D 8-1/8) and Colt Pielstick (PC2.5V) Diesel Engine Technician

Operates and performs organizational and/or intermediate maintenance on the Fairbanks Morse and Colt Pielstick diesel engines and associated auxiliary equipment.

Source Rating: EN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0323	CDP: 005J
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4334 LSD-41/49 Class Advanced Engineering Control System-Machinery Control System (AECS-MCS) Propulsion Systems Technician

Safely operates the Advanced Engineering Control System-Machinery Control System (AECS-MCS) using Engineering Operational Sequencing System (EOSS) procedures onboard upgraded LSD 41/49 Class Ships. Operates and performs organizational maintenance on the LSD-41/49 Class AECS propulsion system. Calibrates, inspects, assembles, disassembles, troubleshoots, and overhauls the Colt-Pielstick propulsion diesel, its associated subsystem and power trains.

Source Rating: EN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: G-651-1000	CDP: 06MM
Sequence Code: 4	ESTB Date: 7/17/09 REV Date: 10/6/10	NR Ind: R
Component NEC: 4333	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: This is a pipeline course of instruction. This NEC may be earned by (1) completion of the formal follow-on training course which is in development, or (2) Sailors who have completed CINs A-652-0320 and A-652-0323 will be awarded the NEC by completion of the interim training, CIN G-651-1000, a minimum of six months on-the-job training, and recommendation of the Commanding Officer. Recommend use of existing JQR/PQS as a means of documenting OJT. Submit NAVPERS form 1221/6 to PERS-4013 via the ECM (BUPERS-322).

EN-4340-4346 NAMTS Diesel Engine, Governor, and Injector Repair Technician, Generalist

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance on marine diesel engines including governor/injectors used for propulsion or generator service in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Award of this NEC to be based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during training and hands-on production work as specified in the current JQR located at www.namts.com. Training will be led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

EN-4340 NAMTS Diesel Engine, Governor, and Injector Repair Technician, Generalist

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Header Description	CIN: V-652-4340	CDP: 6829, 682A, 682B, 682C, 682D, 682E, 682F, 682G, 682H
Sequence Code: 3		NR Ind: N
Component NEC: See Note	Related NEC: 4342, 4343, 4344 and 4346	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: BFIMA NEC 4340 will be awarded to Enginemen who have completed the NAMTS JQR for this skill but who lacks any of the component NEC's required for platform or system specific NEC's listed immediately below. Sailors who subsequently earn component NEC's should request conversion to the higher-level NEC when eligible.

EN-4342 NAMTS Diesel Engine, Governor and Injector Repair Technician, ALCO (251C) and General Motors EMD (645) Specialization

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Header Description	CIN: V-652-4342 (P/L)	CDP: 6833, 6834, 6835, 6836, 683A, 683B, 683C, 683D, 683E
Sequence Code: 3		NR Ind: N
Component NEC: 4310	Related NEC: 4340, 4343, 4344 and 4346	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: BFIMA NEC 4343 Specifically identifies Enginemen with previous experience based on the 4310 Component NEC.

EN-4343 NAMTS Diesel Engine, Governor and Injector Repair Technician, MCM Propulsion (Isotta Franchini / SOLAR) Specialization

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Header Description	CIN: V-652-4343 (P/L)	CDP: 685P, 685R, 685S, 685T, 685U, 685V, 685W, 685X, 685Y
Sequence Code: 3		NR Ind: N
Component NEC: 4324	Related NEC: 4340, 4342, 4344 and 4346	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: BFIMA NEC 4343 specifically identifies Enginemen with previous experience based on the 4324 Component NEC.

EN-4344 NAMTS Diesel Engine, Governor and Injector Repair Technician, Fairbanks Morse (38D 8-1/8) and Colt Pielstick (PC2.5V) Specialization

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Header Description	CIN: V-652-4344 (P/L)	CDP: 685Z, 6862, 686A, 686B, 686C, 686D, 686E, 686F, 686G
Sequence Code: 3		NR Ind: N
Component NEC: 4333	Related NEC: 4340, 4342, 4343 and 4346	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: BFIMA NEC 4344 specifically identifies Enginemen with previous experience based on the 4333 Component NEC.

EN-4345 16V146TI Diesel Engine/Waste Heat System Technician
Performs, at the organizational level, operational procedures and preventive maintenance on 16V149TI Diesel Engine/Waste Heat System.

Source Rating: EN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-652-0167	CDP: 2974
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4346 NAMTS Diesel Engine, Governor and Injector Repair Technician, FFG-7 Class Auxiliaries Mechanical System Specialization

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Header Description	CIN: V-652-4346 (P/L)	CDP: 686H, 686J, 686K, 686L, 686M, 686N, 686P, 686R, 686S
Sequence Code: 3		NR Ind: N
Component NEC: 4382	Related NEC: 4340, 4342, 4343 and 4344	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: BFIMA NEC 4346 specifically identifies Enginemen with previous experience based on the 4382 Component NEC.

EN-4355 LAMPS MK III RAST Mechanical Maintenanceman
Performs organizational maintenance on Recovery Assist, Securing and Traversing (RAST) system hydraulic and mechanical subassemblies. Removes and replaces failed modules and piece parts.

Source Rating: EN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: K-652-2205	CDP: 159H, 083G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4366 LSD-41 Class Propulsion System Technician
Operates and performs organizational maintenance on the LSD-41 class propulsion system. Operates the TANO propulsion system control console. Calibrates, inspects, assembles and disassembles, troubleshoots, and overhauls the Colt-Pielstick propulsion diesel, its associated subsystem and power trains.

Source Rating: EN	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0349 (P/L)	CDP: 594T
Sequence Code: 4		NR Ind: R
Component NEC: 4333	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4370 Causeway Lighterage Engineer
Maintains the Improved Navy Lighterage System Warping Tug (WT) and/or Causeway Ferry (CF).

Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: K-062-0112 K-062-0111	CDP: 00SE 00SD
Sequence Code: 3	ESTB Date: 5/27/10 REV Date:	NR Ind: A
Component NEC:	Related NEC: 4308	Open to Women: Yes
Primary Advisor: OPNAV ((N865))	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be Second Class Swimmer Qualified and have Normal Color Perception.

EN-4382 FFG-7 Class Auxiliaries Mechanical System Technician
Operates and performs corrective and preventive maintenance at the organizational level on mechanical auxiliary systems on FFG-7 class ships.

Source Rating: EN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-652-0233 (P/L)	CDP: 066R
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EN-4398 Auxiliary Systems Technician
Performs at the organizational level, operational procedures and preventive and corrective maintenance on auxiliary systems onboard CG-47 and DDG-51.

Source Rating: EN	Billet Paygrades:E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-652-2167 (P/L)	CDP: 011Q
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MACHINERY REPAIRMAN

MR-4402 Advanced Machinery Repairman
Performs calculations using basic algebra and trigonometry to manufacture spur, helical, bevel gears, and worm/worm wheels. Manufacture and repair precision parts from blueprints utilizing tool and cutter grinders, surface grinders, cylinder grinders, universal milling machines, optical comparators, surface finish analyzer, disintegrators, vertical turret lathes, and horizontal boring mils. Understanding the nature and physical properties of metal and alloys with demonstration and practice in metal testing, identification and heat treating.

Source Rating: MR	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-702-0029 (P/L)	CDP: 5252, 5251
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MR-4404 Computer Numerically Controlled Machinist
Understands the theory and application of Computer Numerically Controlled (CNC) lathes, milling machines and associated equipment utilizing Computer Aided Design (CAD), and Computer Aided Machining (CAM) software.

Source Rating: MR	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-702-0025	CDP: 744D
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MACHINIST'S MATE

MM-4502 Boiler Repair Technician
Performs intermediate level maintenance on marine propulsion boilers. Reviews and maintains records and reports pertinent to boiler repair.

Source Rating: MM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-651-0109	CDP: 089Y
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4503 Main Propulsion Steam Generating Plant Inspector

Inspects material condition, monitors general readiness, and diagnoses improper operating procedures and equipment casualties/failures. Recommends operational and maintenance corrective measures. Details repairs of all marine main propulsion plant oilers, appurtenances, component systems or related automatic combustion and feedwater control systems, and steam generating plant ancillary equipment (feed and fuel pumps, forced draft lowers/superchargers, deaerating feed tanks, etc.). Evaluates boilerwater and feedwater test and treatment procedures, reviews associated operational and maintenance records and witnesses prescribed steam generating plant tests.

Source Rating: MM	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: K-651-2151	CDP: 4131
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Failure to maintain certification as specified in OPNAVINST 9221.1 Series will result in removal of NEC.

MM-4508 Electronic Automatic Boiler Controls Console Operator

Stands watch on electronic automatic boiler control console. Identifies abnormal conditions in plant operation that may lead to an emergency and/or casualty and initiates corrective or emergency procedures.

Source Rating: MM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-651-0089	CDP: 635D, 635E
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N869)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4509 Electronic Automatic Boiler Controls Maintenance Technician

Performs organizational level maintenance on electronic automatic boiler controls systems, including preventive and corrective maintenance, troubleshooting, calibration, and testing on system and subsystem components.

Source Rating: MM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-651-0088	CDP: 635F, 635G
Sequence Code: 4		NR Ind: R
Component NEC: 4508	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N869)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4540 NAMTS Valve Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in inspecting and repairing marine valves, valve manifolds and other steam system components in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-652-4540 (P/L)	CDP: 698P, 698R, 698S, 698T, 698U, 698V, 698W, 698X, 698Y
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4541 NAMTS Hydraulics Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures on hydraulic systems and components of propulsion machinery, auxiliary equipment, and outside machinery in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: MM, EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Source Rating: GSM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-652-4541 (P/L)	CDP: 679Y, 6808, 680A, 680B, 680C, 680D, 680E, 680F, 680G
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MM-4542 NAMTS Outside Machinist

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance on all types of main propulsion systems, equipment, and auxiliary machinery in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: MM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-652-4542 (P/L)	CDP: 693C, 693D, 693E, 693F, 693G, 693H, 693J, 693K, 693L
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ELECTRICIAN'S MATE

EM-4615 Electrical Motor Rewinder

Rewinds AC and DC motor and generator stators, rotors, field coils, and armatures utilizing round wire or formed coils. Takes rewinding data, replaces brushes, adjusts brush rigging, dips, bakes, renews bearings, assembles, and test runs.

Source Rating: EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: J-662-0021	CDP: 471R, 4893
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N865), N879)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC awarded upon completion of the appropriate SQIP course and proficiency examination.

EM-4626 LHD-1 Electrical Component Maintenance Technician

Performs operational, preventive and corrective maintenance on LHD-1 unique electrical components, 400HZ Static Frequency Converters and the SSM Degaussing System.

Source Rating: EM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-662-0131 (P/L)	CDP: 095D
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4632 FFG-7 Class Auxiliaries Electrical System Technician

Operates and performs corrective and preventive maintenance at the organizational level on auxiliary electrical systems installed on FFG-7 Class ships.

Source Rating: EM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-662-0121 (P/L)	CDP: 066P
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4641 SSN 774 Integrated Low Pressure Electrolyzer Equipment Technician

Operates and performs organizational level maintenance on the Integrated Low Pressure Electrolyzer and associated equipment.

Source Rating: EM, ET	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-623-0132	CDP: 321P
Sequence Code: 4	ESTB Date: REV Date: 11/9/09	NR Ind: R
Component NEC:	Related NEC: 4653, 4708, 4752	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4651 NAMTS Outside Electrical Repair

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level electrical maintenance procedures on various shipboard equipment and systems in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-662-4651 (P/L)	CDP: 682U, 682V, 682W, 682X, 682Y, 682Z, 6830, 6831, 6832
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4653 Low Pressure Electrolyzer (LPE) Maintainer

Performs required electrical maintenance on the Low Pressure Electrolyzer onboard submarines.

Source Rating: EM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0050	CDP: 06A5, 06A6
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC: 4641, 4674, 4752	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4666 Minesweeping Electrician

Operates, tests, adjusts, and performs organizational level maintenance on automatic degaussing equipment and all specialized electrical equipment involved in magnetic and acoustic mine sweeping. Uses tools, meters, and special test equipment necessary to correctly test, align, troubleshoot, and repair electrical and electronic components of the automatic degaussing and mine sweeping equipment. Sets up the equipment to conform to various operational orders.

Source Rating: EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-647-0019	CDP: 3119
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM- 4668 UNREP Electrical-Electronics Control Maintenance

Performs organizational level maintenance on electrohydraulic power and electronic controls associated with UNREP systems. Repairs circuits and control devices and perform systems test on UNREP systems.

Source Rating: EM, IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-690-0029	CDP: 703D
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4671 Shipboard Elevator Electronic/Electrical System Maintenance Technician

Tests, inspects and performs organizational level maintenance on shipboard weapons and cargo handling elevators on a system and component level. Troubleshoots and repairs electronic/electrical systems and equipment, such as controllers, sensors, switches, and the electrical components of hydraulic/mechanical interfaces. Coordinates efforts with operators and maintainers of other ratings using or servicing the systems.

Source Rating: EM, FC, GM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-690-0099	CDP: 585P
Sequence Code: 4	ESTB Date: REV Date: 10/21/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85, N86, N88)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

EM-4672 Steam Catapult Electrician

Performs organizational level maintenance on catapult and arresting gear systems, including synchros, repeaters, 110/220/440V electrical systems, contacts, relays, micro switches, series and parallel switches, pressure and temperature sensing switches, torque and gear limit switches, chronograph, and control console electrical functions. Reads and interprets electrical/mechanical drawings.

Source Rating: EM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-604-2013	CDP: 3803
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

EM-4673 LAMPS MK III RAST/HRS Electrical Maintenanceman

Performs maintenance on RAST system components. Repairs failed electrical and electronic components by removal and replacement to the lowest replaceable unit (LRU).

Source Rating: EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: K-652-2204	CDP: 083F, 159G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N865), N889)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

EM-4674 Oxygen Generating Plant Electrical/Electronic Maintenance Technician

Performs organizational level preventive and corrective maintenance, troubleshooting, and fault isolation procedures on the electrical/electronic components of the SEAWOLF Oxygen Generating Plant.

Source Rating: EM, ET	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-652-0593	CDP: 5865
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4675 Physical/Dimensional Calibration Specialist

Performs third echelon (MIRCS, FMCL, NCL) level duties involving physical, mechanical, plane and angular measurements and calibration, including flow and temperature measurement and calibration. Aligns, inspects, repairs, troubleshoots, modifies, and calibrates electro/mechanical test and monitoring systems (TAMS) using calibration and working standards.

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-670-0043	CDP: 577E
Sequence Code: 3	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4685 LSD-41/49 Class Advanced Engineering Control System (AECS) Electrical Maintenance Technician
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation procedures on the Advanced Engineering Control System (AECS) onboard upgraded LSD 41/49 Class Ships. Training for the AECS includes: Machinery Control System (MCS), Local Area Network (LAN), Diagnostic Expert Test Engineering Reasoner (DEXTER), On-Board Trainer (OBT), and Ship Control System (SCS).

Rating: EM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See Note 1	CIN: See Note 1	CDP:
Sequence Code: 4	ESTB Date: REV Date: 8/26/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. This NEC may be earned by completion of the formal follow-on training course which is in development or through completion of the initial training courses, CINs G-651-1001, G-495-1005, and G-623-1002, and OJT awarded for E-4 and above with a minimum of six months maintenance experience on the AECS-MCS onboard LSD 41/49 Class Ships. OJT with Commanding Officer's recommendation is required. Recommend using existing JQR/PQS in documenting OJT.
2. Submit NAVPERS 1221/6 to PERS 4013 via ECM (BUPERS-32).

INTERIOR COMMUNICATIONS ELECTRICIAN

IC-4703 FFG-7 Class Interior Communications Subsystem Technician
Performs organizational level maintenance on interior communications subsystems as well as the MK 27 Gyrocompass, Ships Control Console, MK 6 Dewey Underwater Log, DRT and DRA MK 6, and Stabilized Glide Slope Indicator and Wave-off System.

Source Rating: EM, IC	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0099	CDP: 024B
Sequence Code: 4	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

EM-4708 Automated Electrolytic Oxygen Generator (AEOG) Maintenance Technician
Maintains the Automated Electrolytic Oxygen Generator. Performs organizational level maintenance on assigned equipment.

Source Rating: EM, ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0008	CDP: 00UU, 00UV, 00UW, 00UX, 00UY, 5574
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 4752	Open to Women: Yes
Primary Advisor: OPNAV (N871B)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4709 Mission Briefing System AN/SXQ-8 Maintenance Technician
Performs preventive and corrective maintenance on the Secure Closed Circuit Television System (SCCTS) AN/SXQ-8 and video teleconference equipment.

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: J-150-0989	CDP: 816J
Sequence Code: 4		NR Ind: R
Component NEC: 4746	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: SPAWAR	ECM: BUPERS-32

IC-4712 Integrated Voice Communications Technician
Performs organizational level maintenance on and operates the Integrated Voice Communications System (STC-2(V)) and associated peripheral equipment installed in the system.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-0101	CDP: 713D
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4713 MarCom Integrated Voice Communication System (IVCS) Technician

Operates and performs organizational level maintenance on the MarCom IVCS and associated peripheral equipment installed in the system. Analyzes system faults, isolates, identifies, and performs corrective actions as required. Ensures 24-hours-a-day operation during ships readiness conditions I through V.

Source Rating: IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-623-0022	CDP: 970H
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4720 Gyrocompass Maintenance

Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation on the MK 27 MOD 0 Gyrocompass.

Source Rating: IC, EM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-670-2152	CDP: 4703
Sequence Code: 4	ESTB Date: REV Date: 1/24/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4727 WSN-2 Stabilized Gyrocompass Technician

Operates and performs tests, fault isolation, calibration, and repair of the WSN-2 stabilized gyrocompass at the organizational level, using BITE and appropriate technical documentation.

Source Rating: IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-670-0048	CDP: 409L
Sequence Code: 4	ESTB Date: REV Date: 10/26/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4738 AN/USQ-82(V) Data Multiplex System Technician

Performs preventive and corrective maintenance on the AN/USQ-82(V) Data Multiplex System at the organizational level using self diagnostics and built-in test equipment, supported by appropriate technical documentation. Performs fault isolations, tests, aligns, calibrates, and replaces or repairs faulty individual components. Operates connected systems consoles during testing to ensure system connectivity.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-670-0053	CDP: 295S
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4740 Advanced Integrated Voice Communication Network (IVCN) Maintenance Technician

Performs organizational level maintenance on multi-node Definity G3 series or MultiVantage-based IVCN systems. Operates the IVCN system and performs System Administration functions for the computerized interior voice communication system equipment consisting of breaker panels, power supplies, power distribution unit, common control and matrix racks, switchboard, batteries, automatic dial terminals, sound-powered phone interface, and the Private Branch Exchange (PBX) Telecommunication switch. Requires advanced networking knowledge and skills necessary to set up and maintain S8700 Media Servers within a multi-node IVCN system, all interfaces, voice mail, call accounting, and integrated user terminal information. Requires advanced integration concepts of connectivity between distributed hardware and interfaces only applicable to multi-node systems. Isolates, identifies, and takes appropriate maintenance action through the utilization of online and offline tests, test equipment, and user complaints. Ensures 24-hour-a-day operation during ship readiness conditions I through V.

Source Rating: IC, ET	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-623-0014	CDP: 9365
Sequence Code: 4	ESTB Date: 7/17/09 REV Date: 10/21/10	NR Ind: R
Component NEC: 4741	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4741 Basic Integrated Voice Communication Network (IVCN) Maintenance Technician

Performs organizational level maintenance on single-node Definity G3 series or MultiVantage-based IVCN systems. Operates the IVCN Computerized Interior Voice Communication system equipment consisting of breaker panels, power supplies, power distribution unit, common control and matrix racks, switchboard, batteries, automatic dial terminals, sound-powered phone interface, and the Private Branch Exchange (PBX) Telecommunication switch. Requires basic networking knowledge and skills necessary to set up and maintain S8700 Media Servers within a single-node IVCN system, all interfaces, voice mail, call accounting, and integrated user terminal information. Isolates, identifies, and takes appropriate maintenance action through the utilization of on and off-line tests, test equipment, and user complaints. Ensures 24-hour-a-day operation during ship readiness conditions I through V.

Source Rating: IC	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-0017	CDP: 9520
Sequence Code: 4	ESTB Date: REV Date: 9/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4743 Integrated Launch and Recovery Television Surveillance (ILARTS) System Maintenance Technician

Operates and performs organizational level maintenance on the Integrated Launch and Recovery Television Surveillance (ILARTS) System.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-191-0011	CDP: 160D
Sequence Code: 4	ESTB Date: REV Date: 10/6/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86, N88)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

IC-4746 Closed Circuit TV Technician

Operates and performs organizational level maintenance on a variety of Ship's Information, Training and Entertainment (SITE) Closed Circuit Television (CCTV) Systems.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-191-0010	CDP: 160C
Sequence Code: 4	ESTB Date: REV Date: 8/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

IC-4747 Broadcast Engineering Technician

Performs organizational, intermediate and depot-level maintenance on shipboard SITE systems and commercial broadcast standard radio, television, satellite, and transmissions equipment. Designs integration of and installs broadcast components for full system operations. Maintains and operates broadcast control, distribution, redistribution, and production subsystems.

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: S-198-0053	CDP: 959L
Sequence Code: 3		NR Ind: R
Component NEC: 4746	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES: Naval Reservists can earn this NEC by satisfactorily completing the following procedures:

1. Application for NEC 4747 should be made to the Navy Broadcast Service (NBS) and must include:
   a. A certificate of completion of a minimum of two years vocational-technical education in broadcast engineering.
   b. Verification of two years current full-time experience in broadcast engineering.
   c. A two week ACDUTRA at NBS for evaluation and familiarization with Navy equipment.
   d. An ACDUTRA performance evaluation by a NBS activity.
2. Upon receipt of all items listed above, NBS will convene a board to consider application for NEC 4747. Upon determination that all requirements are satisfied, NBS will submit the appropriate documentation to PERS-4013D2 recommending award of the NEC.

EM-4752 Electrolytic Oxygen Generator (Model 6L16) Electrical Technician
Performs organizational and intermediate level maintenance on electrical components of the 6L16 Oxygen Generator.

Source Rating: EM, ET, MM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0039	CDP: 044D, 356P
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: A
Component NEC:	Related NEC: 4641, 4653, 4708	Open to Women: No
Primary Advisor: OPNAV (N87)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: To attend the course and receive this NEC, MM personnel must be qualified as a 6L16 EOG inspector at a submarine squadron, staff or IMA, and have at least 2 years of 6L16 EOG operating experience.

IC-4755 LSD 41 Console Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation procedures on main propulsion and auxiliary control console for LSD 41 class ships.

Source Rating: IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Source Rating: EM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-623-0112	CDP: 385E
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4757 ARS 50 Console Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation procedures on main propulsion and auxiliary control consoles on ARS 50 and PC class ships.

Source Rating: IC, EM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-623-0129 A-623-0112	CDP: 630X 385E
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4758 Stabilized Glide Slope Indicator System Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation on the Stabilized Glide Slope Indicator System (SGSI), the Wave-Off Light System (WOLS), and the Flight Deck Signaling Status System (FDSSS).

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Source Rating: EM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-670-2013	CDP: 479C, 548A
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4775-4777 Plotting Systems Technicians
Maintains, repairs, and overhauls plotting systems. Makes signal source test. Aligns plotting table assemblies. Troubleshoots and replaces faulty components, subassemblies, and assemblies to restore equipment to optimum operating condition.

IC-4775 MK 9 MOD 4 DRAI/MK 6 MOD 4B DRT Technician

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-623-0028	CDP: 587P
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4776 MK 9 MOD 4/MK 10 MOD 0 DRAI and MK 6 MOD 4B DRT Technician

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-623-0069	CDP: 407F
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: 4775	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4777 MK6 MOD 4D Digital Dead Reckoning Trace (DDRT) Technician

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-2751	CDP: 722A
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4778 Fiber Optic Data Multiplex System (FODMS)
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation procedures on the Fiber Optic Data Multiplex System (FODMS) and associated support equipment.

Source Rating: IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-670-0065	CDP: 201G
Sequence Code: 4	ESTB Date: REV Date: 9/2/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4779 Vertical Short Take-off and Landing Optical Lens System (VSTOL OLS)
Provide maintenance personnel with the skills required to operate the VSTOL OLS system in all modes of operation; normal, degraded, and emergency. Performs preventive maintenance and organizational level corrective maintenance.

Source Rating: IC, EM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-670-0064	CDP: 0094
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4782 Standards Maintenance And Repair Technician
Performs depot level maintenance, troubleshooting, repair, and third echelon (MIRCS, FMCL, NCL) calibration duties for Shipboard Gauge Calibration Program (SGCP) standards. Identifies problems, tests, and effects repairs to electronic circuitry and related electro-mechanical interfaces in associated equipment.

Source Rating: IC, EM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-670-0058	CDP: 0968
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

IC-4783 MHC-51CL Console Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting, and fault isolation procedures on the Mine Hunter Coastal (MHC-51) Machinery/Ship Control System (M/SCS) and associated equipment.

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-651-0123	CDP: 644K
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

IC-4784 MCM-ICL Console Maintenance

Performs organizational level preventive and corrective maintenance, troubleshooting, and fault isolation procedures on the Mine Countermeasures Standard Monitoring and Control System (SMCS) and Integrated Condition Assessment System (ICAS) components.

Source Rating: IC, EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-623-0010	CDP: 06SR
Sequence Code: 2	ESTB Date: REV Date: 10/6/10	NR Ind: N/A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85, N86)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

IC-4787 Improved Fresnel Lens Optical Landing System (IFLOLS) Maintenance Technician

Performs organization and/or intermediate maintenance on the Improved Fresnel Lens Optical Landing System (IFLOLS). Use general and special purpose test equipment, built-in test equipment, stabilization trouble analysis and PMS of IFLOLS.

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-670-2011	CDP: 632N
Sequence Code: 4	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

DAMAGE CONTROLMAN

DC-4805 Shipboard Chemical, Biological and Radiological-Defense (CBR-D) Operations and Training Specialist

Conducts training for Shipboard Chemical, Biological and Radiological-Defense. Advises command on how to integrate into the normal command organization the functions necessary to prepare for, defend against, and recover from Shipboard Chemical, Biological, or Radiological involvement. Supervises/performs shipboard organizational level maintenance on CBR-D equipment. Conducts formal classroom training in Shipboard CBR-D courses at Training Centers and Training Groups.

Source Rating: DC, HT, HM, MR, PR	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Source Rating: AD, AE, AM, AME, AT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Source Rating: AF, AV	Billet Paygrades: E9	Personnel Paygrades: E9
Course: Mandatory	CIN: A-495-2062	CDP: 437M
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

DC-4811 Senior Enlisted Damage Control Program Management and Training Specialist

Performs managerial and safety supervisor functions in support of Damage Control (DC), Fire Fighting (FF), and Chemical, Biological, and Radiological-Defense (CBR-D) programs. Performs duties as the ship's DC, FF, and CBR-D subject matter expert. Responsible for shipboard DC/FF/CBR-D equipment maintenance. Troubleshoots installed fire fighting systems. Assists the Damage Control Assistant in organizing and training the ship's damage control and fire fighting teams. Plans and evaluates DC/FF/CBR-D exercises and performs as the ship's Assist Gas Free Engineer.

Source Rating: DC, HT, MR	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-4G-1111	CDP: 00DB, 02GP
Sequence Code: 3		NR Ind: R
Component NEC: 4805	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

HULL MAINTENANCE TECHNICIAN

HT-4911 NAMTS Shipfitter

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in fabricating and installing flat and/or complex metal forms in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: HT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-700-4911 (P/L)	CDP: 725F, 725G, 725H, 725J, 725K, 725L, 725M, 725N, 725P
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

HT- 4942-4947 NDT Metal Specialists

When an HT who is not currently certified in specific NDT technique is assigned to a NDT billet, certification must be established in accordance with NAVSEA 05 250-1500-1 and NSTM CH 074 V2 within three months of reporting on board. If the inspector/examiner fails to recertify, a NAVPERS 1221/6 recommending removal of the specific NEC shall be submitted by the Commanding Officer. The NEC removal must cite the reason for the individual's failure to certify/recertify and whether the member has performed to the extent of his/her ability. If an extension of recertification time beyond three months is considered appropriate, the member's Commanding Officer shall submit a request for a maximum 3-month extension to CHNAVPERS (Pers-402). This request must discuss the reason for the extension. Subsequent to initial certification or recertification the inspector/examiner must maintain certification when assigned to an NDT billet regardless of the duties to which assigned. NECs 4942-4947 require certification. Submit NAVPERS 1221/6 to PERS-4013D2 with a verification copy attached. Addressed requests for examiner certification to:

(Nuclear NEC HT-4947)	NAVSEA 05 Test Examiner Qualification Program P.O. Box 79 ZAP 55A West Mifflin, PA 15122-0079
(Conventional NEC HT-4946)	NAVSEA 05 Test Examiner Certification Agency Service School Command Great Lakes Hull Division Bldg. 520 2306 Sheridan Rd. Great Lakes, IL 60088

HT-4942 VT MT and PT NDT Inspector

Performs nondestructive tests using Visual, Magnetic Particle and Liquid Penetrant inspection methods in accordance with standards set forth in NSTM Chapter 074 Volume 2.

Source Rating: HT	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-701-0033	CDP: 576W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N879	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

HT-4943 VT MT PT and RT NDT Inspector

Performs nondestructive tests using Visual, Magnetic Particle, Liquid Penetrant and Radiographic inspection methods in accordance with standards set forth in NSTM Chapter 074 Volume 2.

Source Rating: HT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-701-0057	CDP: 576Y
Sequence Code: 3		NR Ind: R
Component NEC: 4942	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N879	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

HT-4944 VT MT PT and UT Inspector

Performs nondestructive tests using Visual, Magnetic Particle, Liquid Penetrant, and Ultrasonic inspection methods in accordance with standards set forth in NSTM Chapter 074 Volume 2.

Source Rating: HT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-701-0058	CDP: 576Z
Sequence Code: 3		NR Ind: R
Component NEC: 4942	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N879	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

HT-4946 Non-nuclear NDT Examiner

Performs supervisory level duties in the NDT field. Provides on the job training, examining, qualifying and monitoring nondestructive test personnel. Develops and administers written and practical certification/recertification examinations in accordance with NSTM Chapter 074 Volume 2. Demonstrates strong technical competence and knowledge in the Visual, Magnetic Particle, Liquid Penetrant, Ultrasonic, and Radiographic testing disciplines and the applicable technical documents.

Source Rating: HT	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 4943 and 4944	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N879	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: To be awarded upon successfully certifying as an Examiner in the VT, MT, PT, RT, and UT inspection methods for Nonnuclear applications. Certification examinations shall be administered in accordance with NSTM Chapter 074 Volume 2. Applicant must have a minimum of one year as a HT-4943 and 4944 and hold the rank of E-7 or above. (WAIVERS MAY BE GRANTED FOR E-6 PERSONNEL PROVIDED ALL OTHER PREREQUISITES ARE MET AND WAIVER IS SUBMITTED IAW NSTM CHAPTER 074 VOLUME 2).

HT-4952 NAMTS Pipefitter

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures fabricating and installing piping in support of Battle Force Intermediate Maintenance Activity (BFIMA) requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery. Award of this NEC is based on documented completion of Fleet-specified Job Qualification Requirements (JQRs) for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at www.namts.com. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: HT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: See Description	CIN: V-711-4952 (P/L)	CDP: 732G, 732H, 732J, 732K, 732L, 732M, 732N, 732P, 732R
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: When an HT who is not currently qualified in a specific welding technique is assigned to a welder billet requiring that specialization, welding qualification must be established in accordance with NAVSEA 05 250-1500-1 or Mil-Standard 248 within three month of reporting on board. If the welders fail to requalify, NAVPERS 1221/6 recommending removal of the specific NEC shall be submitted by the Commanding Officer. The NEC removal must cite the reason for the individual's failure to qualify/requalify and whether the member has performed to the extent of his/her ability. If an extension of requalification time beyond three months is considered appropriate the member's Commanding Officer shall submit a request for a maximum 3-month extension to CHNAVPERS (Pers-402). This request must discuss the reason for the extension. Subsequent to initial qualification or requalification the welder must maintain qualification when assigned to a welder billet regardless of the duties he/she is performing.

HT-4955 Advanced Welder

Qualified under NAVSEA 05 Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification, to perform categories A, B, C, D and E welds of NAVSEA 05 Technical Manual S9086-CH-STM-010/CH-074, Welding and Allied Process.

Source Rating: HT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-701-0027	CDP: 3434, 4900, 4899, 4898
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N879	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. HT-4955 personnel in paygrades E7, E8 and E9 may be assigned as HT-4954 and HT-4955 welding supervisors.
2. Prerequisites: HT "A" School Graduate after October 1999, or previously qualified NEC 4954, or two years fleet experience in the HT rating.

SPECIAL WARFARE/DIVER

5301 UDT/SEAL Candidate

Volunteer for Basic Underwater Demolition/Seal (BUD/S), EOD or diver training.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N861	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: This NEC will not be used to identify billets. For diver qualifications and NEC source ratings refer to MILPERSMAN 1220-100.

5306 Naval Special Warfare (Combat Service Support)

Provides supply/logistics, health services, administrative command and control, communications, mission planning, small boat operations, weapons maintenance and other essential functions and tasks necessary to sustain the needs of all elements of operating forces in the theater at all levels of war.

Source Rating: OPEN	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 8/10/09	NR Ind: A
Component NEC:	Related NEC: See Note 2	Open to Women: YES
Primary Advisor: OPNAV (N851)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. Candidates must complete the Job Qualification Requirements (JQR)/Personnel Qualification Standards (PQS) for the Expeditionary Warfare (EXW) training modules 101 thru 117 to include Safety, First Aid, History of Special Operations Forces (SOF), SOF command structure, Admin command and control, Supply/Logistics, Communications, CESE, AT/FP, Military Security, Navigation, Convoy Operations, Mission Planning, Operational Risk Management (ORM), and Weapons fundamentals and Small boat coxswain. Candidates must complete a training pipeline to include Naval Special Warfare (NSW) Certified Combat Skills (CCS) course or Individual Augmentee (IA) course of instruction, must be a second class swimmer, and must have PRT scores within standards for the last five cycles.
2. Member will retain previously earned NECs upon completion of NEC 5306.
3. A SECRET security clearance is required.
4. Submit NAVPERS 1221/6 to PERS-4013 via ECM (BUPERS-32).

5307 Naval Special Warfare (Combat Support)

Provides combat support in explosive ordnance disposal, identification, collection, planning, targeting, analysis and fusion resulting in speed, interpretation, exploitation, maritime mobility (insertion and extraction), and medical care for the Ground Force Commander while integrated into and primarily operating within SEAL combat elements.

Source Rating: OPEN	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 8/10/09	NR Ind: A
Component NEC:	Related NEC: See Note 2	Open to Women: YES
Primary Advisor: OPNAV (N851)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:

1. Candidates must complete the Naval Special Warfare (NSW) Expeditionary Warfare (EXW) qualification requirements/Personnel Qualification Standards (PQS) and a training pipeline to include either Naval Special Warfare Development Group (NSWDG) combat skills or NSW Certified Combat Skills (CCS) course. Additional qualification requirements include Combat Rubber Raiding Craft (CRRC) Coxswain course, HELO Egress training, and Static Line Parachute qualification. Additionally, candidates must make a deployment of 90 days or greater with a SEAL combat component, must have a total of eighteen months working within NSW, must be a second class swimmer, and must have PRT scores within standards for the last five cycles.
2. Member will retain previously earned NECs upon completion of NEC 5307.
3. A SECRET security clearance is required.
4. Submit NAVPERS 1221/6 to PERS-4013 via ECM (BUPERS-32).

5309 Explosive Ordnance Disposal Mobile Unit (EODMU) Apprentice

Performs demolition, ordnance location and identification, EOD detachment operational support, and staff logistics support to EOD commands.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0056	CDP: 444H
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:

1. Awarded only to Naval Reserve personnel
2. Source Ratings are in accordance with MILPERSMAN 1220-100

5320-5328 Special Warfare Combatant Swimmers

NOTES:

1. Assignment of NECs 5323 and 5326 are contingent upon successful completion of BUD/S training, Army Basic Parachute Training and six months duty with a Special Warfare Team. For SDV personnel, this six month requirement begins upon reporting to SDV school or to an SDV team, whichever is earlier.
2. Recommendations for assignment or cancellation of NEC 532X will be made solely by a Special Warfare Team Commanding Officer based on an evaluation of an individual's operational proficiency and professional performance.
3. SEAL and SDV mission information is contained in the appropriate naval warfare publications, or may be made available on a need-to-know basis from OPNAV (N861).
4. See NAVMILPERSMAN 1220-100 for details on screening and qualifications.
5. Candidates may enter BUD/S training with current rate but must laterally convert to a rating listed in MILPERSMAN 1220-100 within 12 months of assignment of NEC 5323 or 5326.

5320 Basic Combatant Swimmer

Demolishes underwater and land objects and obstacles by the use of explosives. Possesses basics of underwater search, surveillance, beach reconnaissance, unconventional warfare, and basic qualifications in the operational use of all types of SCUBA.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0024 B-300-1110	CDP: 169K 372B
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 5301	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

5323 SDV Pilot/Navigator/DDS Operator

Conducts tactical SEAL Delivery Vehicle (SDV) Naval Special Warfare and unconventional warfare operations in the deployed operating environment. Operates and maintains Dry Deck Shelter (DDS). Deploys overland and fly away ancillary systems. Implements quality assurance procedures. Performs parachuting and the demolition of explosives as an essential portion of assigned duties and is qualified in the operational uses of all types of SCUBA.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0040	CDP: 529R
Sequence Code: 2		NR Ind: R
Component NEC: 5320	Related NEC: 5326	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Candidates may enter SDV Pilot/Navigator/DDS Operator training with current rate, but must laterally convert to a rating listed in MILPERSMAN 1220-100 within 12 months of assignment of NEC 5323.

5326 Special Warfare Operator (SEAL)

Performs unconventional and special warfare operations in support of fleet, unified, and specified commanders. Collects hydrographic, terrain, and target intelligence in and from coastal, riverine, and other restricted water areas. Performs parachuting (static line and freefall) and demolition of explosives as an essential portion of assigned duties and is qualified in the operational use of all types of SCUBA.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0059	CDP: 754F
Sequence Code: 2		NR Ind: R
Component NEC: 5320	Related NEC: 5323	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Due to the length of the NEC 5323 qualification/training pipelines, SDV Team Commanding Officers may recommend NEC 5326 after 6 months on board.
2. Candidates may enter Combatant Swimmer training with current rate but must laterally convert to a rating listed in MILPERSMAN 1220-100 within 12 months of assignment of NEC 5326.

5328 Very Shallow Water Mine Countermeasures Operator (VSW MCM Operator)

Personnel holding VSW MCM Operator NEC perform VSW MCM advance force, pre-assault and post-assault operation in support of amphibious task force, mine countermeasures and other maritime component commanders.

Source Rating: AB, AO, BM, BU, CM, EM, EN, EO, ET, GM, HM, HT, IC, MM, MN, OS, PR, QM, IT, LS, STG	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC: See Note	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTE: Component NEC is required for initial qualification only. Members will retain NEC 5326 or 5223 upon completion of VSW MCM Operator certification.

5330 (EOD) Apprentice Diver (Student Status)

Member is in an EOD training student status. Performs basic EOD related diving procedures, including bottom and hull searches, day or night, using SCUBA, surface supplied, and mixed or gas diving equipment. Tests, repairs, and adjusts scuba and associated underwater equipment. Understands diving physics and related principles and is capable of recognizing and assisting in the treatment of diving related injuries such as decompression sickness and other forms of barotrauma.

Source Rating: EOD	Billet Paygrades: E2-E5	Personnel Paygrades: E2-E6
Course: Mandatory	CIN: A-431-0083	CDP: 233U
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N857	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

EOD 5333 Basic EOD Technician

Performs EOD operations to include: location, identification, render safe and disposal of foreign and domestic ordnance including conventional, chemical, biological, nuclear, underwater, and improvised explosive devices enabling access during military operations in support of Carrier and Expeditionary Strike Groups, Mine Countermeasures, Naval Special Warfare, and Army Special Forces. Performs location and identification of Weapons of Mass Destruction (WMD) and Improvised WMD. Provides training and assistance for military, federal, state, and local civilian law enforcement agencies in ordnance related Anti-Terrorism/Force Protection procedures. Supports and conducts ordnance related intelligence collection and counter-terrorism operations. Operates, maintains, and repairs specialized EOD and combat equipment. Maintains required forms, records, correspondence and files. Duties include performing open and closed circuit SCUBA diving, explosive demolitions, parachuting, tactical delivery, and extraction by unconventional insertion methods and small arms proficiency.

Source Rating: EOD	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E7
Course:	CIN: A-431-0011	CDP: 341C
Sequence Code: 1		NR Ind: R
Component NEC: 5330	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N857	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

EOD 5335 Senior EOD Technician

In addition to 5333 skills, also performs, supervises and provides training in EOD operations.

Source Rating: EOD	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 1		NR Ind: R
Component NEC: 5333	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N857	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES: NEC may be awarded to personnel who have served a minimum of two years as a 5333 and have completed the Senior EOD Warfare Specialist PQS and Screening Board.

EOD 5337 Master EOD Technician

In addition to 5335 also plans EOD operations.

Source Rating: EOD	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 1		NR Ind: R
Component NEC: 5335	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N857	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTE: NEC may be awarded to personnel who have served a minimum of three years as a 5335 and completed the Master EOD Technician Screening Board.

5339 Ordnance Clearance Diver

Performs diving, demolition, ordnance location and identification, EOD detachment operational support, and staff and logistics support to EOD commands.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0056	CDP: 444H
Sequence Code: 4		NR Ind: A
Component NEC: 5309 and 5345	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:

1. NEC may be awarded to personnel holding 532X or 533X series NECs upon approval by ECM.
2. Candidates may enter Ordnance Clearance Diver training with current rate but must laterally convert to a rating listed in MILPERSMAN 1220-100 within 12 months of assignment of NEC 5339.

5341 Master Diver

Most qualified person to direct and supervise diving, salvage, ship repair operations and diving programs. Directly responsible to the Commanding Officer for all facets of command diving operations and programs, to include training, equipment, systems, personnel, operations. Develops, updates and oversees diving programs. Manages the development, operation, testing, repair and certification of all USN Diving Equipment, systems and support equipment. Directs the treatment of all diving related injuries, including recompression chamber operations, casualty control operations and mishap reporting procedures. Directs underwater inspections, harbor/port/ship security inspections, including ordnance searching, Ship/submarine repair, salvage, expeditionary salvage and littoral combat, rescue, special warfare operations, underwater cutting and welding, demolition operations and small boat operations. Directs and Supervises Swimmer Delivery Vehicle Dry-Deck Shelter systems, submarine Lock-in/Lock-out systems and submarine rescue chambers. Develops training programs and qualifies personnel in diving equipment, systems and procedures. Trained in advanced diving physics, medicine, differential diagnosis and saturation diving techniques. Directs and supervises surface and underwater demolition operations for salvage, ship husbandry, or underwater construction operations. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening and/or removing of pilings, obsolete moorings, or other obstructions in channels, harbors, open oceans, or other areas of concern. Supervises the operation, maintenance, and certification of deep dive systems and equipment.

Source Rating: ND	Billet Paygrades: E8-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-433-0019	CDP: 2040
Sequence Code: 4		NR Ind: R
Component NEC: 5342	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Minimum 6 years experience in NEC 5342.
2. Minimum 2 years from date of frocking to E7.

5342 Diver First Class

Qualified to dive and supervise using Air and Mixed Gas USN Diving Apparatus. Supervises the operation, tests, repairs and adjusts all USN Diving Equipment, systems and support equipment. Supervises recompression chambers operation, diagnoses and treats diving related injuries. Supervises underwater inspections, harbor/port/ship security inspections, including ordnance searching, Ship/submarine repair, salvage, expeditionary salvage and littoral combat, rescue, special warfare operations, underwater cutting and welding, demolition operations and small boat operations. Operates and Supervises Swimmer Delivery Vehicle Dry-Deck Shelter systems, submarine Lock-in/Lock-out systems and submarine rescue chambers. Trains USN, DOD military and other personnel in diving Procedures equipment and systems. Trained in advanced diving physics, medicine and saturation diving techniques. Dives and performs underwater demolition for the purpose of open ocean salvage, ship husbandry, or underwater construction operations. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening and/or removing of pilings, obsolete moorings, or other obstructions in channels, harbors, open oceans, or other areas of concern. Operates, maintains, and supports saturation/deep dive systems and equipment.

Source Rating: ND	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-433-0025	CDP: 2082
Sequence Code: 4		NR Ind: R
Component NEC: 5343	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Minimum 6 years experience in NEC 5343.

5343 Diver Second Class

Qualified to dive using all Air and Mixed Gas USN Diving Apparatus. Operates, tests, repairs and adjusts all USN Diving Equipment, systems and support equipment. Operates recompression chambers. Performs underwater inspections, harbor/port/ship security inspections, including ordnance searching, Ship/submarine repair, salvage, expeditionary salvage and littoral combat, rescue, special warfare operations, underwater cutting and welding, demolition operations and small boat operations. Operates Swimmer Delivery Vehicle Dry-Deck Shelter systems and submarine Lock-in/Lock-out systems. Trained in Diving Physics and is able to recognize symptoms of decompression sickness and diving accidents, and is able to assist in their treatment.

Source Rating: ND	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-433-0022	CDP: 6418
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Open to all ratings E5 and below for Lateral Conversion. ND rate and NEC will be awarded upon successful completion of CIN: A-433-0022.

5344 Submarine SCUBA Diver

Performs duties using SCUBA. Conducts day and general underwater search, detailed ship-bottom search and routine inspections to a depth of 60 feet using underwater compass, depth indicators and associated underwater equipment. Performs safety swimmer duties. Performs adjustments and field shop maintenance on SCUBA and underwater accessories. Knows the laws of diving and is able to recognize all types of decompression sickness and diving accidents.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: OPNAV N873	ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

5345 Scuba Diver

Performs duties using SCUBA. Conducts day and night general underwater search, detailed ship-bottom search and routine inspection using underwater compass, depth indicators, and associated underwater equipment. Performs adjustments and field shop maintenance on SCUBA and underwater accessories. Knows the laws of diving and physics and is able to recognize all types of decompression sickness and diving accidents.

Source Rating: See Note	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-433-0023 A-433-0052	CDP: 2114, 6419 385G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

5348 Marine Mammal Systems Operator

Performs specialized duties in connection with operations using marine mammals. Responsible for the care, welfare, and continuous training of assigned marine mammals to ensure physical condition and behavioral proficiency is maintained. Operates sophisticated navigational equipment and small craft. Performs diving duties. Prepares and maintains administrative reports and animal health records associated with the use of marine mammals.

Source Rating: See Note	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0049	CDP: 066F
Sequence Code: 4		NR Ind: R
Component NEC: See Note	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTE: Only personnel holding 533X, 534X series or 8493 NECs are eligible for this NEC.

5350 Special Warfare Combatant Crewman (SWCC) Basic

Personnel will perform as Special Warfare Combatant Crewman in the basic operation and maintenance of various Special Warfare Combatant Craft while assigned to a Special Warfare Command. Operates from coastal, riverine, and other restricted water areas.

Source Rating: See Notes	Billet Paygrades: E4-E5	Personnel Paygrades: E4-E5
Course: Mandatory	CIN: K-060-0030	CDP: 151J
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. SWCC program open to male ground combat volunteers only.
2. MILPERSMAN 1220-340 addresses Naval Special Warfare Crewmember certification and waiver requirements.
3. CT rates: Eligible for NEC 5350 only (course mandatory) when assigned to UICs 31931 and 31932; removed when reassigned.

5352 Special Warfare Combatant Crewman (SWCC) Advanced

Personnel will plan, conduct, and supervise Combatant Craft operations throughout the spectrum of special warfare missions within Special Warfare Commands.

Source Rating: See Notes	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Initial Tour	CIN: K-060-0032	CDP: 966W
Sequence Code: 2		NR Ind: A
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. SWCC program open to male ground combat volunteers only.
2. MILPERSMAN 1220-340 addresses Naval Special Warfare Crewmember certification and waiver requirements.
3. NEC may be earned upon completion of successful tour at a Special Warfare Command and recommendation of unit screening board. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to PERS-4013D2 via ECM (N13).
4. NEC is awardable to SELRES enlisted personnel provided they attain the 5352 NEC while on active duty and retain qualifications.
5. Source Ratings are in accordance with MILPERSMAN 1220-100.

5375 Salvage/Construction Demolition Diver

Dives and performs underwater demolition for the purpose of open ocean salvage, ship husbandry, or underwater construction operations. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening and/or removing of pilings, obsolete moorings, or other obstructions in channels, harbors, open oceans, or other areas of concern.

Source Rating: See Note	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-433-0048	CDP: 262Y
Sequence Code: 4		NR Ind: R
Component NEC: 5342 or 5931	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

SO-5392 Naval Special Warfare Medic

Provides pre-hospital medical care in support of Naval Special Warfare training and operations. Performs basic and advanced first aid and life support, tactical combat casualty care, tactical medical emergencies and other paramedicine emergency care. Conducts pre-deployment and pre-mission medical planning and coordination. Advises on medical tactics, techniques and procedures for special operations. Instructs personnel in basic and advanced first aid, tactical combat casualty care, basic and advanced pre-hospital life support. Provides emergency care to diving casualties. Enters hyperbaric chambers to serve as inside tender to care for patients undergoing hyperbaric treatment.

Source Rating: SO, SB	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0021, B-300-0042	CDP: 3596, 434W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. NEC 5392 is a SNEC assigned to SEAL and SWCC personnel who are assigned to Naval Special Warfare SEAL and Special Boat Teams. Personnel must be qualified SO or SB to be awarded this NEC.
2. Mandatory training B-300-0042, Special Operations Combat Medic course and K-431-0021, Special Operations Technician course.
3. SEAL personnel who previously held PNEC 8491 or 8492, or any SEAL or SWCC personnel who attended Special Operations Combat Medic course B-300-0042 may be awarded NEC 5392.
4. NEC may be assigned to inactive duty SEAL and SWCC Navy Reservists who have completed the mandatory training B-300-0042, Special Operations Combat Medic course and maintains the USSOCOM Advanced Tactical Practitioner certification.

ENGINEERING AID

EA-5501 Construction Inspector

Reviews and analyzes project construction drawings and specifications and prepares a Construction Inspection Plan including a checklist of inspection points during critical phases of construction and installation. Verifies that all materials and/or equipment ordered meet applicable project specifications and certifies their conformance to these specifications upon receipt. Inspects all phases of construction and installation, including civil, architectural and structural, electrical and mechanical, for compliance with drawings, specifications and acceptable safe operating, installation, and construction practices. Schedules, coordinates, and observes tests on electrical and mechanical systems (includes operational tests on installed equipment) and arranges for quality control tests on such items as sub-base materials, aggregates and cementitious binders and on related mixes before, during and after installation. Prepares logs, records and reports on all inspections, and tests.

Source Rating: EA, BU, CE, EO, SW, UT	Billet Paygrades: E6-E7	Personnel Paygrades: E6-E7
Course: Mandatory	CIN: A-710-0022	CDP: 365V, 366X
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NECs EA-5501 and EA-5503 based on the recommendation of individual Commanding Officer of RNCF units and the approval of the Commanding Officer, Enlisted Placement Management Center in lieu of completion of applicable courses.

EA-5503 Advanced Engineering Aid

Employs the principles and techniques of foremanship. Solves mathematical problems commonly encountered by personnel in the Engineering Aid rating. Designs a twenty-four foot wide, one thousand eight hundred foot long segment of paved highway. Computes the optimum orientation for a single runway. Adjusts a quadrilateral triangulation system and computes the coordinates of each station. Estimates the material requirements for, plans and schedules the construction of, an advanced base administration building, using the Network Analysis System concept. Explores, identifies, classifies, and stabilizes soils. Identifies and tests bituminous paving mixes using the Marshall Method of mix design. Designs a concrete mix, tests mix ingredients, tests the wet mix, and performs both flexural and compressive strength tests upon the cured mix.

Source Rating: EA	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-412-0015	CDP: 350N, 350X
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

CONSTRUCTION ELECTRICIAN

CE-5601 Uninterruptible Power Supply (UPS) Maintenance

Performs preventive and corrective maintenance on solid state static UPS systems. Performs troubleshooting, fault isolation and journeyman level repair of assemblies, subassemblies, printed circuit assemblies, or other plug-in components of the UPS system.

Source Rating: CE	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: See Notes	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. Seabees detailed to UPS maintenance billets will be sent enroute to the prerequisite, 58-day Common Electronic Training course conducted by USAF Technical Training School, Keesler AFB, MS
2. Each major claimant must define and provide funding at the command level of the applicable follow-on civilian factory training.
3. Navy UPS systems are manufactured by Emerson or Exide Corp. NAVFACENGCOM and NAVFACENGSERCTR will provide technical assistance as requested to obtain factory training.
4. The Enlisted Community Manager will award NEC CE-5601 after completion of both the prerequisite Air Force course and the factory training.

CE-5633 Mobile Utilities Support Equipment (MUSE) Technician

Performs tasks associated with the initial installation, removal, operation, and troubleshooting of Mobile Utilities Support Equipment (MUSE), which includes transportable 750 to 2500 KW diesel-driven electrical generators, 1500 to 5000 KVA electrical substations, and 12 to 20 KLBS/HR steam generators.

Source Rating: BU, CE, CM, CU, EA, EO, SW, UT, UC, EQ	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-661-0036	CDP: 1128
Sequence Code: 4	ESTB Date: REV Date: 9/2/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Billets require Commander Naval Facilities Engineering Command's concurrence to be coded with this NEC.

CE-5635 Advanced Construction Electrician

Employs the principles and techniques of foremanship. Applies advanced principles of electrical theory. Plans and troubleshoots to a component level. Installs and maintains an airfield lighting system and electrical transmission system. Operates and maintains electrical power plants. Must be familiar with the fundamentals of solid state circuitry. Locates faults in cables and splices them. Operates and maintains interoffice communications systems, local and common battery telephone systems, and switchboards. Plans and installs interior wiring and lighting systems.

Source Rating: CE	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-721-0019	CDP: 466Y, 4023
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

CE-5642 Central Office Exchange Technician

Installs, tests, and maintains digital and fiber optic cable circuits and lines for single and multi-line telephone systems and their associated equipment and for C4 computer systems. Monitors and analyzes digital switching performance using logs and operational reports.

Source Rating: CE, IC	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-622-0012 (P/L)	CDP: 626H
Sequence Code: 4	ESTB Date: REV Date: 9/2/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: NEC is awarded upon completion of both Air Force courses J3ABR2E633-002, the Basic Telephone course, and J3AZR2E652-007, the Fiber Optics Course.

CE-5644 Cable Splicing Technician

Reads and interprets manufactures' drawings to splice and terminate single and multiple conductor cables used in high voltage distribution systems. Reads and interprets manufactures' drawings to splice and terminate communication cables using copper and fiber optic technology. Uses test equipment to locate faults and splice losses in power and communication cables and splices.

Source Rating: CE	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-721-0023	CDP: 4069
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

EQUIPMENT OPERATOR

EO-5707 - 5710

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NECs EO-5707, EO-5708, and EO-5710 based on the recommendation of individual Commanding Officer of RNCF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.

EO-5707 Water Well Drilling Technician

Determines the geographical area most suitable for developing a water supply. Sets up and operates well drilling machine (rotary, rotary/pneumatic and/or percussion rig) to drill water wells. Hoists tubular casing and drill steel making necessary connections. Manipulates levers to control drill and drive casing. Operates drilling rig using drilling fluids as required. Removes samples of subterrain. Develops the water supply, tests water for purity and the well for yield and draw down.

Source Rating: EO, CM, UT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-730-0014	CDP: 747R
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: NEC 5707 will be awarded for a specific period of three years. Rectification will be by a written test developed and administered by the Naval Construction Training Centers.

EO-5708 Blaster

Establishes and maintains blaster qualification certification program. Notes geologic formations and determines bore locations for the placement of explosives required for clearing sites, excavating for construction, and obtaining rock for quarry operations to include stock piling and rock crushing. Transfer explosives from magazine to blasting site. Places explosives and detonates charge by fuse, non-electrical detonator, shock tube detonator, and/or electrical detonation. Evaluates and records events of explosive detonations. Overseas stowage of blasting materials and maintains records of expended and stowed explosives.

Source Rating: EO, EA, BU, CE, CM, SW, UT	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-730-0019 A-730-0021	CDP: 747T 747U
Sequence Code: 4		NR Ind: A
Component NEC: See Note 1e	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. Personnel assigned to billets designated with the NEC must possess a certificate of qualification, valid for 12 months, issued by certifying school and must re-certify annually in accordance with:
   a. Shore activities - OPNAVINST 8020.14 series.
   b. Naval Construction Forces (NCF) COMLANT/COMPACINST 8023.5 series.
   c. Selected Reserve personnel may re-certify biannually as authorized by OPNAV ltr 8020 Ser 411F/4U385314 of 7 Aug 84 (NOTAL).
   d. All non-certified blasters will not be eligible for Special Duty assignment Pay (SDAP).
   e. Except EO, other rates listed in the source rating must hold NEC BU-5931 or BU-5932 to be awarded the NEC.
   f. Personnel must meet the standards of NAVMED P-117, Sections III and IV, prior to attending school.

EO-5710 Advanced Equipment Operator

Employs the principles and techniques of foremanship. Solves basic mathematics problems related to earthwork production and equipment effectiveness. Applies advanced principles of earthwork. Applies advanced principles of asphalt mixing and paving, and techniques of increasing production rate. Operates, adjusts and services asphalt distributors, mixing plants, and pavers. Operates, adjusts, and services cranes with attachment. Operates, adjusts, and services crawler and wheel tractors with attachments and scrapers. Operates, adjusts, and services ditchers, motorized graders and road rollers. Operates, adjusts, and services rock crushers.

Source Rating: EO	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-730-0011	CDP: 466X, 4024
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

EO-5712 Elevated Causeway System (Modular) Specialist

Installs, operates, maintains, and retrieves the Elevated Causeway System (Modular) in support of the Strategic Sealift Program, Container Offloading and Discharge System. Operates ELCAS (M) support equipment to offload system from the barge ferry. Transports system to assembly/erection site.

Source Rating: EO, SW, CM, EA, CE	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-062-0102	CDP: 315V
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CIVIL ENG, OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

CONSTRUCTION MECHANIC

CM-5805 Advanced Construction Mechanic

Employs the principles and techniques of foremanship. Troubleshoots, overhauls, and maintains gasoline and diesel engines. Troubleshoots, overhauls, and maintains equipment power trains, chassis, and component assemblies. Reconditions hydraulic valves and cylinders. Analyzes and tests electrical and fuel injection systems utilizing appropriate test equipment.

Source Rating: CM	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-610-0011	CDP: 460A, 4025
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

BUILDER

BU 5907 – 5915

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NECs BU-5907, BU-5908, and BU-5915 based on the recommendation of individual Commanding Officer of RNCF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.

BU-5907 Advanced Builder

Employs the principles and techniques of foremanship. Mixes, places, finishes, and cures concrete. Constructs forms for concrete construction. Performs masonry construction. Frames floors, walls, stairs, and roofs. Erects waterfront, heavy timber and advanced base structures, and operates and maintains shop tools and equipment. These tools include electric saws, sanders, planers, routers, drills, and other millworking tools.

Source Rating: BU	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-710-0011	CDP: 541X, 4026
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

BU-5908 Tool and Equipment Technician

Installs and performs organizational and/or intermediate level maintenance on building trades shop equipment. Maintains and repairs portable, powered hand tools associated with construction skills. Gums, sharpens and sets saw blades. Splices band saw blades. Grinds and sharpens cutting tools. Maintains files of manufacturer's maintenance and spare parts list. Coordinates stocking and procurement of parts. Establishes preventive maintenance schedules. Records data on major repairs.

Source Rating: BU	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-712-0010	CDP: 346E, 351P
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

BU-5915 Construction Planner and Estimator Specialist

Plans and estimates material, manpower, and equipment requirements for various construction jobs. Performs scheduling, procurement, production control, and management reporting of construction projects.

Source Rating: BU, CE, SW, UT, EO	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-412-0012	CDP: 3140, 350Z
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

BU-5931 Advanced Underwater Construction Technician

Qualified to dive and perform underwater construction operations using approved air diving apparatus, underwater tools, equipment, materials and techniques. Employs the principles and techniques of foremanship on underwater inspection, repair, construction and demolition projects. Estimates the material, manpower and supervises execution of underwater projects. Supervises diving and demolition operations as designated by the Commanding Officer.

Source Rating: BU, SW, CE, UT, EO, CM, EA, CU, UC, EQ	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-433-0037	CDP: 4502
Sequence Code: 2		NR Ind: R
Component NEC: 5932, 5342	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:
1. 24 months duty with an Underwater Construction Team is required.
2. Recommendation of an OIC of a UCT or the Commanding Officer of NCEL is required.
3. Must hold valid SECRET clearance.
4. Advanced Underwater Construction Technician School (A-433-0037) must be started within one year of completion of First Class Diving School (A-433-0025).

BU-5932 Basic Underwater Construction Technician

Qualified to dive and perform underwater construction operations using approved air diving apparatus, underwater tools equipment, materials and techniques. Performs underwater tasks such as underwater excavation, cutting and welding, concrete forming and placement, cable and pipeline installation, sea floor surveying, component assembly and emplacement, system testing and material condition inspection. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening or removal of pilings, obsolete mooring, or other obstruction in channels, harbors, open oceans, or other areas of concern. Performs rigging, marlin spike seamanship and small boat handling. Tests, repairs, and adjust all diving equipment. Dresses and tends divers. Knows the laws of diving physics and is able to recognize symptoms of decompression sickness and diving accidents, and is able to assist in their treatment.

Source Rating: BU, SW, CE, UT, EO, CM, EA	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-433-0036	CDP: 4500
Sequence Code: 2		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

BU-5933 Master Underwater Construction Diver

Qualified to supervise air or mixed gas dives using SCUBA and surface supplied diving equipment. Responsible to the Diving Officer for the safe conduct of diving operations. Proficient in operation of Navy approved underwater breathing equipment, support systems, and recompression chambers, as well as in the diagnosis and treatment of diving injuries and illnesses, particularly those requiring recompression therapy. Familiar with operation and emergency procedures for diving systems, mixing and analyzing gases including computation of diver gas requirements and consumption, and ice diving operations. Possesses an in depth knowledge of underwater and terrestrial construction, inspection, and demolition procedures and methods and can perform these task in a permissive or non-permissive/contingency environment. Manages preventive and corrective maintenance on diving equipment, support equipment, and underwater construction equipment. Manages and administers certification and quality assurance programs on Navy approved diving systems and equipment. Conducts training and re-qualification of divers attached to the command. Ensures divers are trained in emergency procedures. Recommends qualifications of diving supervisors. Possesses a comprehensive knowledge of the scope and application of all naval instructions and publications pertaining to diving. Ensures that proper logs and reports are maintained and submitted as required.

Source Rating: BU, CE, CM, CU, EA, EO, EQ, SW, UC, UT	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-433-0019	CDP: 2040
Sequence Code: 4		NR Ind: N
Component NEC: 5931	Related NEC: 5341	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

STEELWORKER

SW-6001 – 6021

Personnel attached to the Reserve Naval Mobile Construction Battalion (RNMCB) are awarded NECs SW-6010 and SW-6021 based on the recommendation of individual Commanding Officer, RNMCB and approved by Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completing applicable course.

SW-6001 Seabee Technical Security Specialist (STSS)

Provides technical security expertise with a focus on construction. Builds, repairs, and maintains technical security infrastructures in remote locations world-wide. Provides construction security assistance through the establishment, maintenance, and supervision of security programs. Assists in the technical security countermeasure surveillance.

Source Rating: SW, BU,CE,CU,EA,UC,UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-710-0001	CDP: 05BV
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. A SECRET security clearance with the ability to obtain a TOP SECRET/SCI security clearance is required.
2. NEC is awarded based on completion of CIN A-710-0001 and assignment to Naval Support Unit. Upon completion of training, one year of OJT, and recommendation by OIC, Naval Support Unit, personnel will be awarded the 6001 NEC.
3. Submit NAVPERS 1221/6, via ECM, to PERS-4013 for award.
4. Candidates to Naval Support Unit must be Seabee Combat Warfare qualified for selection.

SW-6010 Advanced Steelworker

Employs the principles and techniques of foremanship, job planning, job control elements, and the responsibilities for safety. Works basic mathematical problems involving sheet metal layout, strength of wire rope and fiber line. Repairs welding equipment, welds ferrous and nonferrous metals, wrinkle bends pipe, lays out, and prepares plate and pipe joints to be welded in the vertical and overhead positions. GMA/GTA welds nonferrous metals in the flat position. Knows the nomenclature of pontoons, butler buildings, steel towers, bolted steel tanks, and AM-2 aluminum airfield mats. Knows the procedures of assembly and disassembly of steel structures. Performs practical work in the field under supervision, estimates, and plans minor jobs as to material and personnel. Lays out and splices wire rope and applies wire rope attachment and lays out and fabricates sheet metal parts and joins the parts by riveting, soldering, spot welding, or seaming.

Source Rating: SW	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-711-0018	CDP: 351L, 346D
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

SW-6021 Safety Inspector

Organizes and directs the operation of the safety department. Investigates accidents, analyzes accidents and problem areas, and recommends methods to decrease frequency and/or eliminate accidents. Collects data to ascertain accident trends. Inspects project sites, grounds, buildings, and machinery to isolate hazards to life, health, and equipment. Conducts safety education campaigns by preparing and/or distributing literature, posters, charts, and displays. Organizes and directs safety committee. Directs placement of traffic control signs and devices.

Source Rating: BU, SW, CE, UT, EO, CM, EA	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course: Mandatory	CIN: A-493-0021	CDP: 02B8, 02B9, 224L
Sequence Code: 7		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

UTILITIESMAN

UT-6104 – 6105

Personnel attached to the Reserve Naval Mobile Construction Battalion (RNMCB) are awarded this NEC based on the recommendation of individual Commanding Officer, RNMCB and approved by Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completing applicable courses.

UT-6104 Shore Based Refrigeration and Air Conditioning Technician

Installs, operates, and performs organizational and/or intermediate level maintenance on refrigeration, air conditioning, water cooling equipment, cube and flake ice machines, and block ice manufacturing plants. Performs refrigerant recovery and recycling in accordance with section 608 of the Clean Air Act, as amended. Type I and II certification, in accordance with EPA mandate, is required.

Source Rating: UT	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-720-0035 (P/L)	CDP: 593U
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

UT-6105 Advanced Utilitiesman

Employs the principles and techniques of foremanship. Operates water treatment equipment, water supply, and sewage treatment equipment. Installs water distribution and sewage systems. Operates and maintains boilers, air conditioning, and refrigeration equipment. Determines efficient crew sizes and equipment and material requirements. Prepares a critical path schedule and arrow design.

Source Rating: UT	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-720-0013	CDP: 466Z, 4028
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Reserve personnel may earn this NEC upon completion of the Personnel Readiness Capabilities Program (PRCP) equivalency skills listed in NAVFAC PUB P-458.

AVIATION MAINTENANCE ADMINISTRATIONMAN

AZ-6302 Similar To Automated Maintenance Environment Operator

Performs all operator, data entry, and retrieval functions. Performs networking functions between individual stations, including analysis and correction of errors caused by software, hardware, or data entry. Transmits and receives data via floppy disk, modem, and other electronic means. Extracts data, formulates and interprets management reports, creates archives, backups, and data saves in support of deployments and detachment operations.

Rating: AZ	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-150-3871	CDP: 5747, 5748
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AZ-6303 Optimized NALCOMIS System Administrator/Analyst OMA

The Optimized NALCOMIS SA/A OMA performs SA functions using database and computer skills to support NALCOMIS at OMA. In addition to aviation other maintenance related duties the SA/A performs the following day-to-day NALCOMIS functions: Coordinates the operation and upkeep of the NALCOMIS for OMA. Ensure system security, database integrity and configuration management is maintained. Optimized NALCOMIS OMA shall utilize two way data replication as preferred means of data movement between Optimized NALCOMIS OMA activities and Naval Aviation Logistics Data Analysis for Configuration changes, Technical Directives, Work Orders and Flight Documents.

Source Rating: AZ	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-555-2016 (P/L)	CDP: 436W
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AZ-6304 Optimized NALCOMIS Database Administrator/ Analyst IMA

The Optimized NALCOMIS DBA/A is responsible for the daily upkeep of the Intermediate Maintenance Activities (IMAs) afloat and ashore maintenance databases. Performs a variety of functional processes using NTCSS Desktop II. Changes NTCSS passwords, monitors and manages print request and printer configurations, views and monitors the NTCSS System Information. Broadcast messages to NTCSS users and manages user log-on capabilities, locks and unlock user capabilities, changes NTCSS application process limits. Monitors and manages server processes and schedules and rejects jobs. Adds, edits, and deletes pre-defined jobs. Maintains system security and advises the System Administrator (SA) on matters pertaining to Optimized NALCOMIS IMA. Inputs, extracts, analyze and validates maintenance data; develops and interprets management reports, monitor input of data and the parameters for up, line reporting and related interface requirements. Performs Analysis of aviation data as directed by the AIMD officer and in support of the NAMP requirements. Principal advisor to the Data Processing System Administrator on matter pertaining to the IMA NALCOMIS maintenance database and responsible for training IMA personnel in AV-3M documentation.

Source Rating: AZ	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-555-2015 (P/L)	CDP: 436T
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION MACHINIST'S MATE

AD-6403 Oil Analysis Operator/Evaluator

Performs analysis and evaluation of oils/lubricants. Uses spectrometric analysis to evaluate oil/lubricants for wear metals. Uses physical property tests to evaluate oil/lubricants for properties such as viscosity, particulate presents, water, or other chemical presents and flash point. Maintains records of analytical data. Performs trend analysis. Recommends subsequent actions and reports findings.

Source Rating: AD, MM, GSM, EN	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-491-0017	CDP: 624R
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6416 J-52 Turbojet Engine First Degree/IMA Mechanic

Performs first degree intermediate level maintenance, as specified in the Naval Air Maintenance Program, on the J-52 Turbojet engine.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3139	CDP: 455Y
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6417 T-400 Turboshaft Jet Engine First Degree Repair/IMA Mechanic

Performs first degree intermediate maintenance on turboshaft jet engines including induction, removal/installation of QEC kits, disassembly/repair/assembly of major engine components, and preservation/depreservation of engine and engine components.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3137	CDP: 4637
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6418 T-56 Turboprop Engine and 54H60 Series Propeller First Degree/IMA Mechanic
Performs first degree intermediate level maintenance on the T-56 turboprop engine and 54H60 series propeller in support of P-3/C-130 aircraft, as specified in the Naval Air Maintenance Program.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3001 (P/L) M-601-3013 (P/L)	CDP: 949G, 554F 182D
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC: 6423	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6420 F-404 Turbofan Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance and required engine inspections. Incorporates engine technical directives.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3867	CDP: 117D, 495K
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6421 TF-34 Turbofan Jet Engine First Degree/IMA Mechanic
Performs hot/cold section inspection, removal/inspection/repair of engine system components, and inspection/replacement/repair of QEC kits and external engine components.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3010 (P/L)	CDP: 569T
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6422 Test Cell Operator/Maintainer
Operates aircraft engine test cells and portable test facilities in order to test and evaluate engine performance. Performs pre-run-up, inspection, powerplant test, recording, and evaluation of data. Performs periodic maintenance, corrosion control and minor repair of aircraft engine test systems.

Source Rating: AD, AE	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 5/27/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC is awarded in accordance with COMNAVAIRFORINST 4790.2 series, Chapter 10.

AD-6423 T-56-425/427 Turboprop Engine and Propeller IMA Mechanic
Performs second degree maintenance on the T-56 Turboprop quick engine change assembly and first degree repair on the 54460-1 propeller in support of E2/C2 aircraft. Performs scheduled/unscheduled maintenance and preserves and depreserves engine and gearbox assemblies.

Source Rating: AD	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-601-3011 (P/L)	CDP: 988N
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6424 T-64 Turboshaft Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance, as specified in the Naval Air Maintenance Program, on the T-64 Turboshaft jet engine.

Source Rating: AD	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3451	CDP: 436Y
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD- 6425 F414-GE-400 Turbofan Jet Engine Third Degree/IMA Mechanic
Performs third degree maintenance at the Intermediate Level on the F414-GE-400 Turbofan Jet Engine in support of the F/A-18E/F aircraft. Support of this engine includes but is not limited to the troubleshooting of various electronic control components including the Full Authority Digital Electronic Control (FADEC), removal and replacement of various engine modules, and required inspections.

Source Rating: AD	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-601-4866	CDP: 436U,436V
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6426 T-700 Turboshaft Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance, as specified in the Naval Air Maintenance Program, on the T-700 Turboshaft jet engine.

Source Rating: AD	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-601-4408	CDP: 548G, 985E
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AD-6428 Helicopter Rotors/Related Components IMA Mechanic
Performs intermediate level maintenance on rotors and related components to include disassembly, cleaning, inspection, repair, assembly, preservation, and depreservation.

Source Rating: AD	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: M-601-3090 (P/L)	CDP: 217X
Sequence Code: 5		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION ELECTRONICS TECHNICIAN

AT-6526 Aviation ASW (MAD) IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-130-9057 (P/L)	CDP: 552T
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6527 Aviation ASW (Airborne Sonar) IMA Technician
Performs intermediate level maintenance on the AN/AQS-13F Sonar and the AN/ARR-75 Radio Receiver Set.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-130-3406	CDP: 548N
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6529 ASW Sonobuoy Receivers and Recorder Group IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-3596	CDP: 420W, 486U
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Reserves must also attend courses C-102-3598 and C-102-3568

AT-6534 AQA-7 DIFAR System IMA Technician
Performs intermediate level maintenance on AQA-7 recorder system ARAs. Maintains AQM-18 test central.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: OJT	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6582 P-3A/B Weapons System OMA Technician
Performs organizational level maintenance on the entire avionics system of the P-3A/B aircraft.

Source Rating: AT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6605 Aircraft Radar Altimeter Equipment IMA Technician
Performs intermediate level maintenance on Aircraft Radar Altimeter Equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4051	CDP: 296B, 296C
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6607 Digital Data Link Communications IMA Technician
Performs intermediate level maintenance on various data links (ASU-14, ASU-25, etc.) associated with carrier aircraft.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4054	CDP: 495T, 1161
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6609 Aircraft Electronic Identification (IFF) IMA Technician
Repairs various interrogators and transponders at the intermediate maintenance level.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4052	CDP: 291X, 420G, 487C
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6611 Aircraft UHF Communications, Automatic Direction Finder (ADF) and Intercommunications Systems (ICS) Equipment IMA Technician
Performs intermediate level maintenance on aircraft Ultra High Frequency (UHF) communications, Automatic Direction Finder (ADF), and Intercommunications System (ICS) equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6152 (P/L)	CDP: 557J, 3693
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6612 Aircraft TACAN/Radio Navigation Equipment IMA Technician
Performs intermediate level maintenance on aircraft TACAN and Radio Navigation Equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6113 (P/L)	CDP: 558L, 563T
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6613 Aircraft HF Communications Equipment IMA Technician
Performs intermediate level maintenance on aircraft High Frequency (HF) communications equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: M-102-6412 (P/L)	CDP: 217G
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6615 P-3 FLIR IMA Technician
Performs intermediate level maintenance on the AN/AAM-60(V-2/V-3) Optical Electrical Test Sets (EOSTS) components and related infrared detecting systems in P-3 aircraft.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6121 (P/L)	CDP: 554G, 948M
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6618 USM-458/USM-641 IMA Technician
Performs intermediate level maintenance on the USM-458/USM-641 test console in support of ECM systems employed by fleet tactical aircraft.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-3068	CDP: 584L, 584M
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6621 Search RADAR IMA Technician
Performs intermediate level maintenance on the E-2 Search RADAR (transmitter) utilizing the RADAR Test Bench Set AN/APM-376 (RTBS)

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-3486	CDP: 483B
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6631 AN/USM-629 Electro Optic Test Set (EOTS) Operator/Maintainer, IMA
Performs operation, maintenance, and systems analysis of the AN/USM-629 Electro Optic Test Set (EOTS), Test Program Sets (TPSs), input/output devices, and software/hardware complexities at the intermediate maintenance level in support of the F/A-18 aircraft.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-198-0600 (P/L)	CDP: 563W, 0306
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6633 USM-467 RADCOM IMA Technician
Operates and performs intermediate level maintenance on the USM-467 (V) 3 and USM-467 (V) 5 Weapons Systems Test Stations (WSTS) RADCOM in repair support of airborne WRAs and SRAs. Performs in-depth maintenance on computer subsystems, peripheral equipment and digital subsystems, utilizing self test and diagnostic test programs in support of IMA on-line functions in the E-2C, SH-60B, EA-6B, F-14, P-3, and S-3B Weapon Systems.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-3062	CDP: 454Y, 493M, 499H
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6634 Aircraft Communications Security Devices Equipment IMA Technician
Performs intermediate level maintenance on aircraft communications security devices equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6122 (P/L)	CDP: 0321, 632W
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6635 EP-3E ESM IMA Technician
Performs intermediate level maintenance on RF hardware, preamps, and video distribution circuits peculiar to EP-3E ESM Systems.

Source Rating: AT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-102-3051	CDP: 183G
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6640 EP-3E ESM OMA Technician
Performs organizational level maintenance on ESM systems in support of EP-3E aircraft.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-1139 (P/L)	CDP: 2816
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6647 ALQ-99 Transmitter Test Station IMA Technician
Performs intermediate level maintenance on ALQ-99 transmitter, transmitter test stations and associated support equipment in support of the EA-6B.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6017 (P/L)	CDP: 565V
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6648 ALQ-99 Exciter IMA Technician
Performs intermediate level maintenance on ALQ-99 Control Modulators, Track Receivers, Exciters, and ALM-109 Test Station or Universal Exciters and OJ-511/ALM Exciter Test Station.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6119 (P/L)	CDP: 565X
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6658 AN/ASM-686 Night Attack IMA Technician
Performs in-depth on-line maintenance on AN/ASM-686 Night Attack IMA tests set, peripheral equipment and digital subsystems self-test and building blocks diagnostic programs.

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-102-4043	CDP: 1160, 495Y
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6664 APS-115 Search Radar IMA Technician
Performs intermediate level maintenance on APS-115 Search Radar system ARAs.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6097 (P/L)	CDP: 554E, 948L
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6673 Field Calibration Activity Technician (Electrical/Electronic)
Calibrates fleet test equipment (GPETE and PGSE) in intermediate level (IMAs and FCAs) field calibration activities and aircraft intermediate maintenance activities ashore and afloat. Accomplishes repair incidental to the calibration process.

Source Rating: AT, ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-2012 (P/L)	CDP: 0384
Sequence Code: 5	ESTB Date: REV Date: 11/29/10 (HPRR)	NR Ind: R
Component NEC: See Note	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Upon award of the AT-6673 NEC, the ET-1589 NEC will be removed from individual's record.

AT-6680 ICAP Computer Group/ICAP II Digital Interface Unit IMA Technician
Operates the ALM-117 DTS and performs intermediate maintenance on the Central Computer Group. Operates Digital Test Group and performs intermediate maintenance on Digital Interface Units.

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6114 (P/L)	CDP: 565W
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6686 USM-429 CAT IIID Maintenance Technician
Performs intermediate level maintenance on the USM-429 CAT IIID system.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-3061	CDP: 493L, 499G
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6688 USM-484 Hybrid Test Set (HTS) IMA Technician
Performs in-depth maintenance and circuit analysis on the USM-484 HTS.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-3063	CDP: 1168, 494D
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6689 USM-484 HTS Advanced IMA Technician
Performs systems analysis and maintenance on the USM-484 Hybrid Test Set (HTS), Test Program Set (TPS), and Input/Output (I/O) devices, including software analysis, through in-depth knowledge of systems, software, and hardware complexities associated with HTS in support of intermediate level maintenance.

Source Rating: AT	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-3876	CDP: 494Y
Sequence Code: 5		NR Ind: R
Component NEC: 6688	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6694 USM-470(V)2 Automatic Test System On-Line Maintenance Technician
Performs in-depth on-line maintenance on USM-470(V)2 ATS computerized test station, computer subsystem, peripheral equipment, and digital subsystems using self-test and diagnostic test programs and circuit analysis.

Source Rating: AT	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-198-3874	CDP: 462F
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6701 Advance Avionics Integrated Systems Technician
Performs organizational and intermediate maintenance on integrated aircraft systems using advanced troubleshooting techniques. Possesses in-depth knowledge of electronics, computers, automated test equipment, analog/digital communication, fiber optics, radar, inertial navigation, global positioning, fixed and rotary wing automatic flight control, aircraft display, electronic warfare, anti-submarine warfare, power generation/distribution, and aircraft weapons systems.

Source Rating: AT, AE	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-100-2012	CDP: 706H
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6704 Consolidated Automated Support System (CASS) Test Station IMA Operator/Maintainer
Operates and maintains, including both scheduled and unscheduled maintenance, the CASS test station. Executes and monitors test programs and repairs various avionics UUTs through R&R of faulty SRAs.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6102 (P/L)	CDP: 556W, 960U
Sequence Code: 5		NR Ind: R
Component NEC:	Relate NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6705 Consolidated Automated Support System (CASS) Test Station IMA Calibration/Advanced Maintenance Technician
Performs scheduled maintenance, including on-line calibration/certification, lubrication, and cleaning. Performs unscheduled maintenance beyond the operator's capabilities, including diagnostic troubleshooting, in-depth maintenance, and software analysis.

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-3043	CDP: 493R, 7286
Sequence Code: 3		NR Ind: R
Component NEC: 6704 or 6723 or 6724	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6710 P-3 Navigation System Equipment Technician
Performs intermediate level maintenance on P-3 navigation system equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6172 (P/L)	CDP: 553T, 948P
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6713 Video Test Set (VTS) AN/SSM-9 Test Set Operator
Performs intermediate level maintenance on ASA-82 and ASQ-147 in support of the S-3B aircraft. Operates and maintains VTS support equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-4873	CDP: 549W
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6716 AN/USM-449A (V) Test Set Operator Intermediate Maintenance
Operates the AN/USM-449(V) test equipment.

Source Rating: AT	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course:	CIN: C-198-3021	CDP: 420K
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6717 P-3 Peculiar Communications Equipment IMA Technician
Performs intermediate maintenance on the P-3 Peculiar Communications Equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6171 (P/L)	CDP: 553S, 948N
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6718 Electronics Standards Specialist
Performs intermediate level (FECL, FCL, and selected FAC, F phases) calibration of electronic test equipment used in production and maintenance of naval weapons, command and control and data processing systems within tolerances prescribed by cognizant Systems Commands and Project Managers. Repairs electrical/electronic test equipment in the process of, or incident to, calibration.

Source Rating: AT	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-2011	CDP: 592G
Sequence Code: 5		NR Ind: R
Component NEC: 6673	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6721 AN/USM-449A (V) Automatic Test System Maintenance Technician
Maintains USM-449(V) Series ATE in an operating status in support of repairs to aircraft removable assemblies at the intermediate level of maintenance.

Source Rating: AT	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-3022	CDP: 420L
Sequence Code: 5		NR Ind: N
Component NEC: 6716	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-6723 Consolidated Automated Support System (CASS) Test Station (RADAR) IMA Technician
The Technician will operate and maintain, including both scheduled and unscheduled maintenance, the CASS Test Station, as well as perform fault isolation and maintenance on aircraft radar Units Under Test (UUTs) utilizing the RF and High Power configurations of the CASS Test Station. This will include in-depth circuit analysis, adjust/repair, and serviceability verification of AN/APG-65, AN/APG-73, AN/AWG-9, and AN/APS-137 radar systems.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6104 (P/L)	CDP: 6069, 632V
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have Secret Clearance

AT-6724 Consolidated Automated Support System (CASS) Test Station (EO) IMA Technician
The Technician will operate and maintain, including both scheduled and unscheduled maintenance, the CASS Test Station and perform fault isolation and maintenance on aircraft Electro Optics (EO) Units Under Test (UUTs), utilizing the EO configuration of the CASS Test Station. This will include in-depth circuit analysis, adjust/repair, and serviceability verification of aircraft Forward Looking Infrared (FLIR) systems.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6105 (P/L)	CDP: 6071, 632U
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have Secret Clearance

AT-6725 Consolidated Automated Support System (CASS) Test Station (EW) IMA Technician
The Technician will operate and maintain, including scheduled and unscheduled maintenance, the CASS Test Station, as well as perform fault isolation and maintenance on aircraft Electronic Warfare Units Under Test (UUTs) utilizing the RF and High Power configurations of the CASS Test Station. This will include in-depth circuit analysis, adjustment/repair, and serviceability verification of the AN/ALQ-99 and it's associated SRA's.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-3074	CDP: 659L
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 6704, 6723	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Secret Clearance required

AVIATION ORDNANCEMAN

AO-6801 Air Launched Weapons Technician
Performs fleet intermediate level maintenance ashore and afloat on all air-launched weapons in accordance with the Naval Airborne Weapons Maintenance Program (NAWMP) and within the explosive safety rules and regulations of NAVSEA 05 OP 4, OP 5, OP 2165, and OP 3565.

Source Rating: AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-646-7007 (P/L)	CDP: 555C, 569A, 432W
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AO-6802 Strike Intermediate Armament Maintenanceman
Performs intermediate level maintenance on strike aviation armament equipment.

Source Rating: AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-646-3118	CDP: 1068, 552A
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AO-6810 Armament Weapons Support Equipment (AWSE) Maintenance Manager
Supervises organizational level maintenance on Armament Weapons Support Equipment (AWSE) including pre/post operations, scheduled maintenance for fault isolation and removal/replacement of components.

Source Rating: AO	Billet Paygrades: E5-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-646-3108	CDP: 0369, 036K
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AO-6811 Armament Weapons Support Equipment Technician

Performs organizational level maintenance on Armament Weapons Support Equipment (ASWE) including pre/post operations, scheduled maintenance for fault isolation and removal/replacement of components.

Source Rating: AO	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-646-3109	CDP: 5095, 5096
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AO-6813 Airborne Weapons Technical Manager

Assists the Division Officer on aviation ships and shore activities in the technical management of airborne weapons, including the associated maintenance, logistics, operational support, and inherent explosive safety. Provides liaison between the Division Officers and the Work Center Supervisors. Performs managerial functions in the areas of operational tasking, aircraft armament equipment status, aviation weapons support equipment status, airborne weapons status, ammunition administration and accountability, ammunition handling and stowage coordination and status, and explosive safety program coordination and status. Coordinates, prioritizes, and monitors all assigned division maintenance and operational commitments. Assigns required priorities of effort and monitors overall levels of support.

Source Rating: AO	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: Q-4E-0010	CDP: 0711
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC: 6801, 6802	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: To be assigned this NEC at the ship or shore station level, personnel have held one of the following billets at the E7 – E9 level for at least 12 months: G or Weapons Division, 700 Division, Magazine Division, Ammunition Logistics Division, Departmental Leading Petty Officer, or Quality Assurance.

AIR TRAFFIC CONTROLLER

AC-6901 Facility Rated Approach Controller

Provides approach control service either radar or non-radar at a terminal air traffic control facility for arriving and departing VFR/IFR aircraft and, on occasion, enroute aircraft.

Source Rating: AC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-222-2022	CDP: 708L
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AC-6902 Carrier Air Traffic Control Center Controller

Directs pilots of carrier based aircraft in making approaches and departures on CV's using radio communications and carrier controlled approach radar systems.

Source Rating: AC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-222-2012	CDP: 708M
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AC-6903 Amphibious Air Traffic Control Center Controller

Direct pilots of Amphibious Assault Ship based aircraft in making VFR/IFR departures and approaches on LPH/LHA/LHDs using radio communications and surveillance and carrier controlled approach radar systems.

Source Rating: AC	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-222-2019	CDP: 708P
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889, (N865)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AC-6904 AIR TRAFFIC CONTROL MANAGER

Manages Air Traffic Control functions at sea and shore facilities, including manpower, equipment, natural resources, reporting, airspace, and instrument procedures.

Source Rating: AC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: C-222-2023	CDP: 475B
Sequence Code: 2		NR Ind : R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION BOATSWAIN'S MATE

AB-7004 C-13 Catapult Operator

Operates C-13 MOD 0, MOD 1, and MOD 2 catapults and associated systems. Performs systems check prior to operations. Makes adjustments to mechanical, hydraulic, and control systems to ensure proper performance. During operations, monitors and identifies conditions which may lead to an emergency and/or casualty. Initiates corrective or emergency procedures.

Source Rating: ABE	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-604-2014	CDP: 179X
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Previous holders of NEC 7003 may be awarded NEC 7004 after 6 months OJT and with CO's recommendation. Personnel submit NAVPERS 1221/6 to PERS-4013D2 via ECM (N13).

AB-7005 MK-7 Arresting Gear Operator

Operates MK-7 arresting gear and associated systems. Performs system checks prior to operation. Makes adjustments to mechanical, hydraulic, and control systems to ensure proper performance. During operations, monitors and identifies conditions which may lead to an emergency and/or casualty. Initiates corrective or emergency procedures.

Source Rating: AB, ABE	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-604-2029	CDP: 224K
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AB-7006 Aircraft Launch and Recovery Equipment Maintenance Technician

Performs maintenance, both upkeep and corrective, on C-13 MOD 0, MOD 1, and MOD 2 catapults and MK-7 MOD 3 arresting gear and associated equipment. Analyzes problems, removes, replaces, adjusts, and tests components of the C-13 MOD 0, MOD 1, and MOD 2 catapults, MK-7 MOD 3 arresting gear and associated equipment.

Source Rating: ABE	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-604-2028	CDP: 1333
Sequence Code: 5		NR Ind: R
Component NEC: 7004 or 7005	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AB-7011 Shipboard Aircraft Rescue, Firefighting and Salvage Specialists

Performs duties as a rescue, firefighting, and salvage team leader aboard Naval aviation and aviation capable ships. Directs rescue, firefighting and salvage operations on the flight deck and hangar deck. Coordinates firefighting and salvage efforts with damage control. Sets up and directs rescue, firefighting and salvage training for assigned personnel. Performs or supervises pre-operational inspections and operations of rescue, firefighting and salvage equipment and systems afloat.

Source Rating: ABH	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-780-2013	CDP: 709C
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AB-7012 Shore Base Airport & Aircraft Firefighter

Certified in accordance with National Fire Protection Agency (NFPA) Standards as an Airport Firefighter including Firefighter I & II. Performs duties as a rescue, firefighting, and salvage team member aboard Naval Air Stations, Facilities, Outlying Fields and other Naval Activities ashore. Performs structural firefighting in support of base structural firefighting companies. Performs duties as a HAZMAT response team member. Performs preoperational inspections and utilizes or operates rescue, firefighting, salvage and personal protective equipment.

Source Rating: ABH	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-602-0002	CDP: 3610
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

ABF-7022 Aviation Fuels Maintenance Technician

Performs organization level maintenance on automotive gasoline systems, aviation fuels systems afloat and ashore, and catapult lube oil distribution and stowage systems. Operates electric pumps, electric valve, tank level indicating and control systems, centrifugal purifiers and manifolds for fuel, oil, CO2, and inert gas systems. Repairs and adjusts valves, pumps, filters, and meters. Ventilates and cleans stowage and service tanks.

Source Rating: ABF	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-821-2014	CDP: 4788
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION ELECTRICIAN'S MATE

AE-7105 Attitude Heading Reference System IMA Technician

Performs intermediate level maintenance on various attitude heading reference systems.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4057	CDP: 0504, 492X
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7131 Power Generating Systems IMA Technician

Performs intermediate level maintenance on electrical components, including generators, constant speed drive units, control units, voltage regulators, inverters, converters, transformer rectifiers, and the generator test stand.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: See Note	CIN:	CDP:
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department

AE-7133 EA-6B Electrical Component IMA Technician

Performs intermediate level maintenance on electrical components, including AOA, ANTI-SKID, ASN-54, MA-1 Compass, and T-1073 Attitude Data Transmitter in support of the EA-6B aircraft.

Source Rating: AE	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-3517	CDP: 773W
Sequence Code: 5	Related NEC:	NR Ind: A
Component NEC:	Technical Advisor: NAVAIR	Open to Women: Yes
Primary Advisor: OPNAV N889		ECM: BUPERS-32

AE-7136 P-3C Automatic Flight Control Systems (AFCS) IMA Technician
Performs intermediate level maintenance on P-3C automatic flight control systems.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: See Note	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department

AE-7137 Aircraft Instrument IMA Technician
Performs intermediate level maintenance on aircraft instruments, including the testing, unsealing, fault isolation, repair, and sealing of hermetically sealed instruments.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3019	CDP: 485U, 498J
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7140 A/F 37T-21 Aircraft Engine Components Test Stand
Performs Intermediate level maintenance, with dynamic testing capability of aircraft engine driven accessories such as generators, generator drive systems, aircraft electrical components and the A/F37T-21 test stand.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3126	CDP: 6056
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC: 7131	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7144 Helicopter ASE/AFCS IMA Technician
Performs intermediate level maintenance on automatic stabilization equipment and automatic flight control systems in support of H-1, H-3, H-46, H-53, and H-60 helicopters.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-5056 (P/L)	CDP: 3251
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7173 ASM-175 Electronic Module Test Console IMA Technician
Tests, checks, and fault isolate modular sub-assemblies. Maintains the ASM-175 Electronic Module Test Console in support of various carrier based aircraft.

Source Rating: AE, AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-150-3010	CDP: 0510, 491L
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7175 P-3/C-130/E-2/C-2 Electrical Component IMA Technician
Performs intermediate level maintenance on miscellaneous electrical components in support of the P3, C-130, E-2, and C-2 aircraft.

Source Rating: AE	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Six months OJT required for award of NEC. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to PERS-4013D2.

AE-7182 P-3A/B Integrated Electrical System OMA Specialist
Performs integrated organizational level maintenance on the PB-20N auto pilot, ASN-42 INS, ASN-50 AHRS, and other electrical components.

Source Rating: AE	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.

AE-7184 F/A-18 Electrical Systems IMA Technician
Performs intermediate level maintenance on the F/A-18 automatic flight control system components, flight control logic assemblies, and compatible electrical assemblies.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3869	CDP: 119X, 493X
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-7197 ASM-608 Inertial Measurement Unit Test Set Maintenance Technician
Operates and performs intermediate maintenance on the AN/ASM-608 IMUTS II.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-3060	CDP: 493K, 499F
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION MECHANIC

AM-7212 Stationary Hydraulics Test Stand Operator/Maintenanceman
Performs operational checks, testing/troubleshooting and repair of hydraulic and pneumatic components using the HCT-10 Test Stand.

Source Rating: AM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-3191	CDP: 0530, 493F
Sequence Code: 6		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AM-7213 Hydraulic, Pneumatic, Servocylinder Test (STS) Operator/Maintainer
Performs operational checks, testing/troubleshooting and repair of hydraulic and pneumatic components using the Servocylinder Test Station (STS) and/or HCT-10 Test Stand.

Source Rating: AM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: E-602-4011	CDP: 644R
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 7212	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AM-7222 Aeronautical Welder

Welds, at the intermediate maintenance level, aeronautical equipment/parts manufactured from alum/alum alloys, steel/steel alloys, stainless steel alloys, and precipitating hardening nickel based alloys using shielded metal arc, gas tungsten arc, and oxy/fuel welding processes. Maintains aeronautical welding equipment.

Source Rating: AM, AS	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: N-701-0007 N-701-0009	CDP: 884X, 907S, 9119, 931F 884Z, 933E, 938J, 9120
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AM/AS personnel may attend both CIN's to be awarded this NEC.
2. Course N-701-0008 or N-701-0010 is authorized as a "requalification" course only.

AM-7225 Aircraft Non-Destructive Inspection Technician

Operates/performs liquid penetrant, magnetic particle, eddy current, ultrasonic, radiographic, and composite material NDI methods. Operates/performs optical inspection equipment, gaseous leak detection equipment, electrical conductivity measurement equipment, hardness testing equipment, ultrasonic leak detection equipment, magnetic rubber inspection, and radiation safety procedures. Interprets indications and determines type and extent of flaws.

Source Rating: AM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-603-3191	CDP: 708Z
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AM-7226 A/F-27T-10 Operator/Maintainer

Performs operational checks, testing/troubleshooting and repair hydraulic and pneumatic components using the A/F-27T-10 hydraulic test bench.

Source Rating: AM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-690-3211	CDP: 371V, 371W
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AM-7227 A/F-27T-10 and (STS) Operator/Maintainer

Performs operational checks, testing/troubleshooting and repair of hydraulic and pneumatic components using the A/F-27T-10 Hydraulic Component Test Stand and the Servocylinder Test Station (STS).

Source Rating: AM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-4011 (P/L)	CDP: 640B, 644R
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AM-7232 Advanced Composite Structural Repair IMA Technician

Performs advanced composite structures repair at the intermediate maintenance level.

Source Rating: AM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-603-3868	CDP: 1213, 493Z
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AIRCREW SURVIVAL EQUIPMENTMAN

PR-7352 Senior Naval Parachutist

Directs all phases of parachute jumping operations at activities that employ parachutists in their mission. Instructs in all jumping operations including static line jumps, free fall jumps, water landing jumps, and delayed free fall jumping prior to opening parachute.

Source Rating: PR, SO, EOD, ND, SB	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N851	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. Must be assigned to parachute jumping duty by competent orders, be designated a Naval Parachutist, and have completed a course of instruction prescribed by a naval facility or unit as well as the following:
   a. 1 static line jump
   b. 35 free fall jumps
   c. 2 water landing jumps
   d. 3 jumps of 30 seconds delayed free fall prior to opening parachute
2. Personnel other than PRs must hold NEC 53XX to be assigned this NEC.

PR-7353 Special Operations Parachute Rigger

Packs and maintains premeditated personnel parachute equipment unique to Naval Special Warfare (NSW) and Explosive Ordnance Disposal (EOD) Operations.

Source Rating: PR, SO, EOD, ND, SB	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: K-860-0010	CDP: 2507
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N851	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. NEC awardable upon completion of Army courses 431-F3-PARA NAVY or 860-43E10.
2. NEC OJT awardable if personnel attached to a rigger unit of EOD for 1 year and observed by Army/Navy school graduate and qualified prior to 1 July 1990 (OPNAV WASH DC 110512Z Aug 90 refers).
3. Personnel other than PRs must hold NEC 53XX to be assigned this NEC.

PR-7356 Aircrew Survival Equipment man (IMA) Technician

Performs intermediate level maintenance on Aircraft Oxygen Systems and Test Equipment. Duties include inspection, test and repair of Oxygen Regulators, Liquid Oxygen Converters and their related support equipment, and Aviators Breathing Oxygen Analyzer.

Source Rating: PR	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-2040 (P/L)	CDP: 708V
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AEROGRAPHER'S MATE

AG-7412 Analyst-Forecaster

Interprets environmental observations and data, meteorological satellite information and numerical environmental products. Prepares analyses and prognoses of meteorological/oceanographic parameters for display and transmission. Forecasts meteorological and oceanographic conditions and issues warnings of severe and hazardous conditions. Conducts environmental briefings/debriefings for combat, operation and training operations.

Source Rating: AG	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-420-2011 R-420-0006	CDP: 390P 7677
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N960	Technical Advisor: NAVMETOC	ECM: BUPERS-32

NOTE: NEC may be granted to Selected Reserve personnel by COMNAVMETOCCOM, upon completion of applicable training courses as determined by COMNAVMETOCCOM.

AVIATION SUPPORT TECHNICIANS

AS-7601 Support Equipment Cryogenic Mechanic
Performs on-equipment repair and intermediate maintenance on liquid oxygen servicing trailers, gaseous oxygen servicing trailers, nitrogen servicing trailers, walk around bottles, and oxygen systems purging equipment. Repairs regulators, valves, manifolds, pumps, and gauges.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: M-602-7015 (P/L)	CDP: 628Y
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7603 Support Equipment Air Conditioning and Mobile Maintenance Facility (MMF) Technician
Performs on-equipment repair and intermediate maintenance on mobile air conditioners and HBO-36 air conditioners and mobile maintenance facilities (MMF).

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7035 (P/L)	CDP: 554T, 568L
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7606 Support Equipment Gas Turbine Mechanic
Performs on-equipment repair and intermediate maintenance on gas turbine units. Troubleshoots and repairs air and electrical control systems, fuel systems, bleed air systems, oil systems, and power generation systems. Repairs and adjusts fuel controls, flow dividers, oil and fuel pumps, generators, motors, relays, voltage regulators, thermostats, and air valves.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7005 (P/L)	CDP: 554N, 568G
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7607 Support Equipment Tow Tractor Technician
Performs on-equipment repair and intermediate maintenance on gasoline and diesel engines, drive trains, brakes, and steering systems installed in mobile, hydraulic, pneumatic systems, and their components.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7010 (P/L)	CDP: 554R, 568H
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7609 Support Equipment Maintenance Manager
Plans, organizes, implements, and controls maintenance on all assigned support equipment in compliance with policy statements and directives by NAVAIR, type commanders and local commands. Implements and supervises aviation programs and operator training. Manages the preventive maintenance system on assigned support equipment.

Source Rating: AS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: C-500-3202	CDP: 489Y, 547V
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7612 SE Hydraulic Intermediate Maintenance Technician

Performs on-equipment repair and intermediate maintenance on hydraulic test stands, troubleshoots and repairs hydraulic and electrical control circuits and purifiers, hydraulic power supplies, flow dividers, hydraulic pumps, and aircraft jacks.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7070 (P/L) C-602-3232	CDP: 553K, 568T 489W, 547S
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7614 Mobile Electric Power Plants Intermediate Maintenance Technician

Performs on-equipment repair and intermediate maintenance on shore based Mobile Electric Power Plants (MEPP). Troubleshoots and repairs electric motors, generators, voltage regulator systems, over and under voltage systems, frequency control systems, fault indicator systems and other control circuits. Repairs voltage regulators, motors, rectifiers, oscillators and magnetic amplifier.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: D-602-7080	CDP: 553M, 568V
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7616 Maintenance Crane Intermediate Maintenance Technician

Performs intermediate level maintenance on A/S 32M-14 and A/S 32M-17 maintenance cranes and A/S 48M-2/3 man lifts. Troubleshoots and repairs electric hydraulic lifting systems, mechanical drive systems, suspensions and electric and hydraulic control circuits and components.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7065 (P/L)	CDP: 568S
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7617 Crash Equipment Technician (SEA)

Performs intermediate level maintenance on crash equipment including A/S32A 35/36 Shipboard Aircraft Crash Cranes. Troubleshoots and repairs electric and hydraulic lifting and drive systems, mechanical drive systems, suspensions, and electric and hydraulic control circuits and components.

Source Rating: AS	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: C-602-7060 (P/L)	CDP: 583A
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AS-7618 Afloat Support Equipment Technician

Performs on-equipment repair and intermediate maintenance on engines, drive trains, brakes and steering systems installed in A/S32P-25 fire trucks, A/S32A and SD-2 aircraft tow tractors, including charging, starting, ignition, hydraulic, pneumatic systems and their components.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7090 (P/L)	CDP: 571T, 964D
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AVIATION WARFARE SYSTEMS OPERATOR

APPLIES TO ALL AVIATION WARFARE SYSTEMS OPERATOR NECs:
AW's are Naval Aircrewman (NAC) in a permanent flight status. They man sensor positions in fixed and rotary wing ASW aircraft based ashore and aboard aircraft carriers, escort vessels, and sea control ships, and serve as analysts in ASW Modules and Tactical Support Center (TSC). They also perform collateral duties in rescue and utility functions aboard multipurpose aircraft with an ASW mission. AW's who do not volunteer or are not qualified for flight must change their rating in accordance with MILPERSMAN 1220-020.

NOTES:
1. AW personnel perform in-flight duties in accordance with various aircrew positions as enumerated by the Chief of Naval Operations.
2. These NECs reflect a member's aircrew and rating standards and verify the member's entitlement to flight pay. They do not, however, authorize payment nor determine the category of payment.
3. Participation in the NAC program and the principles governing payment therefore are contained in BUPERSINST 1326.4. Compliance with this instruction is mandatory prior to submission of recommendations for these NECs.
4. Individuals should be recommended for assignment of these NECs as soon as respective qualifications are obtained.
5. Final qualification for NAC designator is not a prerequisite for assignment of these NECs. However, final aircrew qualification is a requirement for retention within the AW rating community.
6. Basic specialty NECs will be assigned upon satisfactory completion of fleet readiness squadron training. Regardless of NEC, AC designation may only be awarded after successful completion of operational standards prescribed by the Chief of Naval Operations.
7. These NECs are the primary means of identification for AW aircrew qualifications. Commands shall ensure submission of NAVPERS 1221/6 to PERS-4013D2 immediately upon qualification for these NECs. Request for removal of any of these NECs will be submitted to OPNAV N13 via PERS-4013D2 for final adjudication. Special emphasis must be given to the accuracy of billet coding and individual identification to provide for the assignment and/or retention of aircrew within the enlisted personnel distribution system.

AWS-7805 MH-60S Multi-Mission Helicopter Aircrewman
Performs in-flight duties as MH-60S Aircrewman.

Source Rating: AW, AWS	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: D-050-3100 (P/L)	CDP: 778V
	E-050-3100 (P/L)	468T
	D-050-3102 (P/L)	778W
	E-050-3102 (P/L)	4822
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AW-7807 HH-60H Utility Aircrewman
Performs in-flight functions during special warfare support, combat search and rescue, and logistical support missions in the H-60H aircraft.

Source Rating: AWR, AWS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC: 7876	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AW-7815 Helicopter Search and Rescue Aircrew Swimmer
Performs aviation rescue swimmer duties and search and rescue operations primarily from non-tactical rotary wing aircraft.

Source Rating: AWR, AWS	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-050-0600	CDP: 6597
Sequence Code: 5		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AW-7835 Tactical/Mobile (TacMobile) Ashore Analysis Systems Operator

Performs TSC/MOCC operations through utilization of tactical display, environmental, acoustic, non-acoustic and associated equipment with an emphasis on operational application. Uses TSC/MOCC analysis equipment and tactical displays. Prepares messages and conducts operational briefings and debriefings; performs analysis and reconstruction of tactical missions and forwards mission data package.

Source Rating: AWO, AWR	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-210-4001 (P/L)	CDP: 2094
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR, SPAWAR	ECM: BUPERS-32

AW-7836 Tactical/Mobile (TacMobile) Watch Officer

Provides leadership and management control of Tactical Support Center (TSC) and Mobile Operations Control Center (MOCC) operational watch teams and CV-TSC operational watch teams through employment of unique Command, Control, Communications, Computers, and Intelligence (C41) Systems and techniques which will assist Task Group Commanders (TGCs) in planning and executing assigned missions within the Navy Command and Control System (NCCS), Joint Maritime Command Information Systems (JMCIS), and Global Command and Control Systems – Maritime (GCCS-M) networks.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: J-2G-0367	CDP: 9292
Sequence Code: 2	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR, NAVSEA 05 SPAWAR	ECM: BUPERS-32

NOTE: SELRES and FTS personnel may earn NEC by attending either TSC/MOCC Watch Officer R-2G-6003 or TSC Watch Officer J-2G-0367.

AWO-7841 P3C Update III Acoustic Sensor Operator

Operates advanced acoustic sensors in the P3C Update III aircraft.

Source Rating: AWO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-1230 (P/L)	CDP: 298H
Sequence Code: 3		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AW-7846 CV/CVN CV-TSC System Operator

Supports operation of the CV-TSC through utilization of tactical display, acoustic, electronic warfare, environmental, and associated equipment with an emphasis on tactical application. Operational support includes all facets of Carrier-based Anti-Submarine Warfare (ASW), including ASW aircraft tactical employment, support of embarked Warfare Commanders, Maritime formatted message construction, acoustic intelligence (ACINT) data submission, tactical mission briefing, debriefing, and reconstruction in support of Strike Group operations.

Source Rating: AWO, AWR , OS, STG	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-210-0394 (P/L)	CDP: 07NU
Sequence Code: 4	ESTB Date: REV Date: 8/16/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel with NEC 7835 may earn NEC 7846 by attending course J-210-0392

AWO-7861 P3C Non-Acoustic Operator
Operates non-acoustic sensors in the P3C aircraft.

Source Rating: AWO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: R-210-6228 (P/L)	CDP: 1705
	D-050-1132 (P/L)	298K
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWR-7873 SH60B Multi-Sensor Operator
Operates acoustic and non-acoustic sensors in the SH60B LAMPS MK III aircraft.

Source Rating: AWR	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: R-050-2504 (P/L)	CDP: 661L
	D-050-2502 (P/L)	6886
	E-050-2502 (P/L)	908Q
	D-050-2510	258E
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWR-7875 MH-60R Multi Mission Helicopter Aircrewman
Performs in-flight duties as MH-60-R Aircrewman.

Source Rating: AWR	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC: 7876	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC may be awarded through cadre training pending implementation of formal training.

AWR-7876 SH-60F/HH-60H Multi-Sensor Operator
Performs sonar operations, sonobouy interpretation and tactics employment for varied tactical missions, SAR operations, and internal cargo transfer in support of utility and SPECWAR missions in the SH-60F/HH-60H aircraft.

Source Rating: AWR	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: E-050-0831 (P/L)	CDP: 935N
	E-050-0802	929V
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWS-7886 MH-53 Airborne Mine Countermeasures (AMCM) Aircrewman
Performs in-flight duties and operates appropriate airborne equipment in helicopter mine countermeasures operations.

Source Rating: AWS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-2793 (P/L)	CDP: 2048
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

LOGISTICS SPECIALIST

LS-8012 Aviation Supply Systems Specialist

Performs aviation supply system functions, both afloat and ashore, utilizing the Naval Aviation Logistic Command Management Information System (NALCOMIS). Processes inventory management records and listings for the control of aviation repair parts stocks in the intermediate level cycle. Supervises the input of data to the NALCOMIS system and prepares the parameters for management report analysis.

Source Rating: LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N41, N889	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-N321D5

NOTE: No longer awardable. However, legacy NALCOMIS still being utilized, individuals who previously earned this NEC will retain for personnel management.

LS-8013 Naval Aviation Logistics Command Management Information System (NALCOMIS) Supply Data Base Administrator (DBA)

Uses data base computer skills to support NALCOMIS at Intermediate Maintenance Activities (IMAs) afloat and ashore. Coordinates the operation and maintenance of NALCOMIS for the IMA supply department. Ensures system security and data base integrity. Monitors supply interface processing to ensure the accuracy of the NALCOMIS IMA database as reflected against the host Supply Automated Information System. Performs utility programs as required. Possesses a working knowledge of NALCOMIS IMA supply software capabilities. Maintains familiarity with the operation of all NALCOMIS IMA hardware assigned to supply functional users. Coordinates with the Data Base Administrator (DBA) and Maintenance Data Base Administrator concerning scheduling and/or release of online batch reports, installation of new releases, submission of trouble reports to higher authority and other matters as required. Principal advisor to the NALCOMIS IMA System Administrator and Supply Officer on matters pertaining to NALCOMIS IMA.

Source Rating: LS	Billet Paygrades:	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 9/1/09	NR Ind: R
Component NEC:	Related NEC: 8012	Open to Women: Yes
Primary Advisor: OPNAV N41, N889	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: No longer awardable. However, legacy NALCOMIS still being utilized, individuals who previously earned this NEC will retain for personnel management. All billets assigned NEC LS-8013 are recoded to LS-8015.

LS-8014 Optimized Naval Aviation Logistic Command Operations Maintenance Information System (NALCOMIS) Intermediate Maintenance Activity (IMA) Aviation Supply Sytems Specialist

Performs aviation supply functions both afloat and ashore, utilizing Optimized NALCOMIS IMA system. Processes inventory management records and listings for the control of aviation repair parts stocks in the intermediate level cycle. Supervises the input of data to the Optimized NALCOMIS IMA system and prepares the parameters for the management report analysis.

Source Rating: LS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-551-2019	CDP: 741U, 741V
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC: 8012	Open to Women: Yes
Primary Advisor: OPNAV N41, N889	Technical Advisor: NAVSUP (4B, N00B)	ECM: PERS BUPERS-32

LS-8015 Optimized Naval Aviation Logistic Command Operations Maintenance Information System (NALCOMIS) Supply Application Administrator (SAA)

Uses database computer skills to support the Optimized NALCOMIS Intermediate Maintenance Activity (IMA) application to IMAs afloat and ashore. Coordinates the operation and maintenance of Optimized NALCOMIS IMA for the supply department. Ensures system security and data base integrity. Monitors supply interface processing to ensure the accuracy of the Optimized NALCOMIS IMA database as reflected against the host Supply Automated Information System. Performs utility programs as required. Possesses a working knowledge of Optimized NALCOMIS IMA supply software capabilities. Maintains familiarity with the operation of all Optimized NALCOMIS IMA hardware assigned to supply functional users. Coordinates with the NTCSS System Administrator and Maintenance IMA SAA scheduling and/or release of online batch reports, installation of new releases, submission of trouble reports to higher authority and other matters as required. Principal advisor to the NTCSS system administrator, and Supply Officer on matters pertaining to supply related issues effecting Optimized NALCOMIS IMA.

Source Rating: LS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-555-0050	CDP: 765X, 765Y
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC: 8013	Open to Women: Yes
Primary Advisor: OPNAV N41, N889	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

MASS COMMUNICATION

MC-8143 Motion Media Cameraman

Performs all duties as a crewmember for controlled and uncontrolled motion media productions, including director on a small production crew. Primarily functions as a camera operator. Determines scene lighting and audio recording requirements. Can prepare shooting scripts and perform limited post production editing.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-400-2010	CDP: 328W
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

MC-8144 Motion Media Director/Editor

Directs crewmembers shooting controlled and uncontrolled motion media productions. Performs duties as on-scene crew chief. Senior editor for motion media post-production. Determines equipment and material requirements for each motion media production or Combat Camera mission. In controlled productions, directs action in the production of scenes and episodes, analyzes existing scripts and recommends appropriate script revisions, determines scene composition, coordinates action of performing personnel, directs audio recording during filming, supervises preparation of set, approves set design and props to be used.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-400-2014	CDP: 4414
Sequence Code: 3		NR Ind: R
Component NEC: 8143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

MC-8147 Photojournalism Specialist

Covers and photographs events of news/documentary interest. Supports and effectively meets military services' public affairs objectives and programs. Applies layout and design principles; news and feature writing; basic and advanced photographic techniques and production; and demonstrates writing and photographic skills. Communicates with a mass print media audience through pictures and words. Produces news pictures, feature pictures and picture stories that lend balance and impact to print communication. Supports the efforts of ashore/afloat activity newspapers and the associated PAO effort.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-570-0017	CDP: 961V
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

MC-8148 Photojournalist

Covers and photographs events of news/documentary interests. Selects and prepares photography in news form. Writes captions and text for news stories. Maintains liaison with photo-news media. Trains personnel in photojournalism techniques.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-400-2013	CDP: 4464
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

NOTES:

Waiver of course completion requirement will be considered upon completion of the following requirements:

1. Submit portfolio as outlined in CANTRAC under course Photographic Journalism Class C1 (S-400-2013).
2. Submit a transcript from an accredited university photo-journalism curriculum to certify a minimum of 18 semester hours (30 quarter hours) with mandatory courses in advanced photo-journalism techniques and practices including picture editing, news writing and reporting, feature article writing, graphic arts, layouts, design, publication production, editing, ethics in journalism, marketing, working with color including producing slide-tape presentations. Include copies of course descriptions from university catalog.
3. Verification in writing of two years current full-time civilian employment requiring use of the skills noted in subparagraph (2) above.
4. Completion of 2-week ACDUTRA (TBD by CHINFO) where writing and photography will be evaluated via daily assignments.
5. Submission of a performance evaluation by the ACDUTRA reporting senior.
6. Upon receipt of all material or verification by 1 March OPNAV (N09BG) will convene a board to consider applications for MC-8148. The board will convene annually in March and includes representatives from CHINFO.

MC-8150 Broadcaster

Works in broadcast delivery; principles and procedures of military broadcasting; collection, evaluation and preparation of military information for use on radio and television; techniques of radio and television production and interviews; operation of all radio/television equipment; preparation and maintenance of operation logs; essentials of audio and videotape recording, editing and use/selection of music and sound effects. Interacts with command, community and external media, preparing and releasing information to report news and Command Information in accordance with applicable directives. Uses studio video cameras, hand-held video cameras, and a variety of editing systems, audio studios and lighting equipment. Skilled in the principles of framing and composition, camera placement, audio and video editing, visualization, and story telling. Works independently or supervises groups of 3 to 15 broadcasters/videographers depending on production.

Source Rating: MC	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: S-570-0010	CDP: 961S
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CHINFO OI-8	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Prospective students must pass a voice audition prior to enrollment in this course.
2. Individuals that previously held NEC MC-3221 are eligible to be awarded NEC MC-8150.
3. Must be eligible to hold a SECRET clearance.

MC-8151 Graphic Illustrator

Demonstrates skills in the principles of design and layout. Understands the fundamentals of color theory, realistic drawing, color media, lettering, printing reproduction, elements of graphic design; image editing; desktop publishing. Installs and understands electronic imaging equipment, multimedia and telecommunications software, image scanners, digitizing devices, output to black and white and color printers, film and video recorders, plotters, and image/data transmission. Creates, imports, exports and edits art work files, imagery captions, Visual Information Record Identification Numbers (VIRIN), and archiving data/image files. Demonstrates working knowledge of computer management, computer hardware and software, systems configuration, computer graphics raster and vector software, electronic presentations, ethics, visual communications, web page design software, animation software, digitized audio and video software, combat documentation (reference sketches) graphics and safety and security.

Source Rating: MC	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: S-414-0001	CDP: 628F
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CHINFO OI-8	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTE: Must be eligible to hold a SECRET clearance.

MC-8152 Public Affairs Officer (Enlisted)

Performs master-level duties as Public Affairs Officer or special assistant to Commanding Officer. Serves as spokesperson for the U.S. Navy and the Department of Defense. Develops strategic communication, external information and internal information plans and executes them at the operational and tactical levels. Compiles news and information about people, places, activities, and programs in the Navy for use in press releases, speeches, feature articles, and publications. Performs research in response to media and public queries. Works independently and with 165X Public Affairs Officers to arrange public exhibits, demonstrations, speaking engagements, conferences, VIP visits, and tours. Schedules, drafts and conducts speeches, press releases and responses to public and media queries and coordinates special events. Oversees management of Public Affairs Supervisors, Photojournalists, Mass Communication Specialists and Multimedia Supervisors in the production of Navy and command publications.

Source Rating: MC	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-570-0040 or S-750-0021	CDP: 02FU or 03T9
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC: 8153	Open to Women: Yes
Primary Advisor: CHINFO OI-8	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTE: Must be eligible to hold a SECRET clearance.

MC-8153 Public Affairs Supervisor

Manages operational unit or forward-deployed public affairs programs and teams. Serves either as command public affairs representative or special assistant at journeyman level. Understands concepts and development of strategic communication, external information and internal information plans; executes them at the tactical level. Compiles information for press releases, answers media and public questions, and serves as command spokesperson. Manages the efforts of Photojournalists, Mass Communication Specialists and Multimedia Supervisors in the production of Navy and command publications. Works with Public Affairs Officers and/or senior public affairs enlisted personnel to arrange public exhibits, demonstrations, speaking engagements, news conferences, VIP visits, and tours. Schedules and conducts speeches, drafts press releases, responds to public and media queries, and coordinates special events.

Source Rating: MC	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: S-570-0012	CDP: 961T
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CHINFO OI-8	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTE: Must be eligible to hold a SECRET clearance.

MC-8193 Electronic Imaging Systems Specialist

Installs, configures and operates advanced electronic imaging systems to acquire, import enhance, manipulate, print, store, export and electronically transmit and receive digital images from shore based, afloat or airborne platforms.

Source Rating: MC, IT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-400-2040	CDP: 324S
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N09C	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

NOTE: Waiver of course completion will be considered when specialized university training in photojournalism has been completed. Submit transcript from an accredited university or professional civilian photographic school to certify completion of a minimum of 15 semester hours or equivalent quarter hours of an electronic imaging curriculum with mandatory courses in image acquisition and editing, graphic design, software and hardware configurations, archiving, emerging technologies, networking, ethics in journalism, production of presentations. Include copies of course descriptions from university or civilian photographic school catalog. Submit waiver request form NAVPERS 1221/6 to NPC, PERS-4013 (NEC Mgmt Section), 5720 Integrity Drive, Millington, TN 38055-3340 via OPNAV (N09C4).

NAVAL AIRCREWMAN

8201-8298 Naval Aircrewmen

APPLIES TO NAVAL AIRCREWMEN OPERATOR NECs: AW's are Naval Aircrewman (NAC) in a permanent flight status. They man positions in fixed and rotary wing aircraft based ashore and aboard aircraft carriers, escort vessels, and sea control ships, and serve in ASW Modules and Tactical Support Center (TSC). They also perform collateral duties in rescue and utility functions aboard multipurpose aircraft. AW's who no longer volunteer or are not qualified for flight must change their rating in accordance with MILPERSMAN 1220-020.

NOTES:

1. AW personnel perform in-flight duties in accordance with various aircrew positions as enumerated by the Chief of Naval Operations.
2. These NECs reflect a member's aircrew and rating standards and verify the member's entitlement to flight pay. They do not, however, authorize payment nor determine the category of payment.
3. Participation in the NAC program and the principles governing payment therefore are contained in BUPERSINST 1326.4. Compliance with this instruction is mandatory prior to submission of recommendations for these NECs.
4. Individuals should be recommended for assignment of these NECs as soon as respective qualifications are obtained.
5. Final qualification for NAC designator is not a prerequisite for assignment of these NECs. However, final aircrew qualification is a requirement for retention within the AW rating.
6. Basic specialty NECs will be assigned upon satisfactory completion of fleet readiness squadron training. Regardless of NEC, AC designation may only be awarded after successful completion of operational standards prescribed by the Chief of Naval Operations.
7. These NECs are the primary means of identification for aircrew qualifications. Commands shall ensure submission of NAVPERS 1221/6 to PERS-4013D2 immediately upon qualification for these NECs. Request for removal of any of these NECs will be submitted to OPNAV N13 via PERS-4013D2 for final adjudication. Special emphasis must be given to the accuracy of billet coding and individual identification to provide for the assignment and/or retention of aircrew within the enlisted personnel distribution system.

AW-8201 Naval Aircrewman Candidate
Performs assignments in training, for flight crewman.

Source Rating: ALL	Billet Paygrades: See Note 4	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: C-050-1500	CDP: 806E
Sequence Code: 8	ESTB Date: REV Date: 9/13/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. This NEC is assigned to those personnel undergoing flight indoctrination training and evaluation prior to completing a course of instruction leading to a crewmember NEC.
2. Members awarded this NEC must meet basic aircrew prerequisites, be in training for a valid Aircrew billet, and qualify for such training under the provisions of the BUPERSINST 1326.4 Series, and MILPERSMAN 1306-911.
3. Members awarded this NEC who does not qualify for naval aircrew designation within 18 months as prescribed by OPNAVINST 3710.7 Series and BUPERSINST 1326.4 Series shall be discontinued from training.
4. This NEC will not be used to identify billets except within student UICs.
5. All ratings other than CTI, CTR, CTT, CS, HM, IT and MC must laterally convert to an AW Series Rating within 18 months of being awarded NEC 8201.

AW-8202 Naval Aircrewman (Special Assignment)
Performs in-flight duties as assigned in support of command mission.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV, HM, CS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Personnel assigned to this DNEC are assigned to BUPERS designated special billets with joint services, foreign services and special assignments where USN coding is not applicable.
2. This NEC is assigned as a distributive NEC only to personnel by BUPERS and billets may be coded only with prior BUPERS concurrence.
3. The use, applicability and retention of this NEC are of a restricted nature.
4. The goal is to prevent entry level naval aircrewmen assigned to these billets from trying to earn aircrew designation without complying with the requirements established for all naval aircrewmen.

AWF-8206 C-130 Flight Mechanic
Performs in-flight duties as a C-130 Flight Mechanic.

Source Rating: AWF	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: R-050-8206	CDP: 662K
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC is for Selected Reserve (SELRES) personnel only.

AWF-8208 C-130 Second Loadmaster
Performs in-flight duties as a loadmaster assistant. Performs maintenance, rigging, and in-flight functions of internal cargo handling for C-130 aircraft. Personnel are knowledgeable of aircraft systems, passenger handling, safety procedures and equipment, federal and military regulation for passenger transport, emergency procedures and aircraft equipment.

Source Rating: AWF	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: R-050-0402	CDP: 653Z
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC is for Selected Reserve (SELRES) personnel only.

AWF-8209 C-40A Crew Chief
Performs in-flight duties as a C-40A Crew Chief, knowledgeable of all aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8289/8278	Related NEC: 8250	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: FTS/SELRES only. Earned through commercially procured training course provided by Reserve VR Wing.

8210 Weapons and Tactics Instructor
Performs in an instructor billet at Weapons Schools, Type Wings, and Aviation Squadrons within the classroom, lab/simulator, or during training flights.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV, CTI, CTR, CTT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: See Notes	CIN: S-050-0836	CDP: 751U
Sequence Code: 4	ESTB Date: REV Date: 11/18/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. All aircrew attending prerequisite courses must be in an UP status for flying, must be NATOPS current and qualified in model.
2. "Rotary Wing" CIN: S-050-0836 required for AWR/S only. Candidates must be ACTC Level III. Through training process, instructor will qualify as range Safety Officer for training events, as well as Small Arms Marksmanship Instructors (SAMI) and Helicopter Aerial Gunnery Instructors (HAGI).
3. "VP" candidates for the MPRA WTI course must be ACTC Level IV; graduates will be identified as WTI/ACTC Level 500 instructors.
4. "VQ" candidates for the Reconnaissance Tactics Instructor Course (RTIC) must be ACTC Level IV; graduates will be identified as WTI/ACTC Level 500 instructors.

AWF- 8220 C-130 Loadmaster
Performs in-flight duties as a Loadmaster in the C-130 aircraft. Performs and supervises the loading, rigging, and weight and balance calculations for internal cargo on C-130 aircraft. Is knowledgeable of aircraft systems, aircraft flight procedures and in-flight emergency procedures.

Source Rating: AWF	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: R-050-0401	CDP: 654A
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC: 8278	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8227 E-6B REEL System Operator
Performs in-flight operation of the E-6B Dual trailing wire antenna system.

Source Rating: AWF	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: E-050-0412 (P/L)	CDP: 336W
Sequence Code: 4	ESTB Date: REV Date: 8/2/10	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI clearance and be PRP eligible.

AWV-8228 E-6B Communications Operator
Performs duties as in-flight E-6B communications system operator. Is knowledgeable of naval communications procedures and cryptographic materials, aircraft systems, emergency procedures, and in-flight equipment on E-6B aircraft.

Source Rating: AWV	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: E-050-0413 (P/L)	CDP: 336X
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI Clearance and be PRP eligible.

AWV-8229 E-6B In-flight Technician

Performs duties as an E-6B In-Flight Technician and Communications Systems Operator while independently deployed. Is knowledgeable in strategic communications, CMS materials, and all aircraft/mission avionics systems.

Source Rating: AWV	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: E-050-0414 (P/L)	CDP: 336P
Sequence Code: 4	ESTB Date: REV Date: 8/2/10	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI clearance and be PRP eligible.

AWF-8235 E-6B Flight Engineer

Performs in-flight duties as an E-6B Flight Engineer.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: E-050-0410 (P/L)	CDP: 958V
Sequence Code: 3	ESTB Date: REV Date: 8/2/10	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI clearance and be PRP eligible.

AW-8241 C-12/C26 Transport Aircrewman

Performs in-flight and on ground duties as a Loadmaster in UC-12 and UC-26 aircraft. Performs and supervises loading of passengers and cargo, weight and balance, and in-flight functions of internal passenger and cargo handling, and hazardous material for UC-12 and UC-26 aircraft. Possesses knowledge of aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF, AWV	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: D-050-0015 (P/L)	CDP: 181H
	D-050-0012	165N
	D-050-0026 (P/L)	974M
	D-600-0601	165P
	D-050-0016	974R
Sequence Code: 4	ESTB Date: REV Date: 9/2/10	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8245 C-20/C-37 Crew Chief

Performs in-flight and ground duties as a Gulfstream III/IV/V Flight Engineer/Mechanic. Is knowledgeable on all aircraft systems, emergency procedures, and flight equipment.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: R-601-2017 or R-601-2007	CDP: 633K or 5816
Sequence Code: 4	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8250 C-9 Crew Chief

Performs in-flight duties as a C-9 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: A
Component NEC: 8278	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: FTS/SELRES only. C-9 Ground School and Simulator Instruction Course from Flight Safety International. Earned through commercially procured training.

AW-8251 P-3 Flight Engineer
Performs in-flight duties as a P-3 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

Source Rating: AW, AWF	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: D-050-1010	CDP: 002X
Sequence Code: 3	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8252 C-130 Flight Engineer
Performs in-flight duties as a C-130 flight engineer. Is knowledgeable of all aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: R-050-0555	CDP: 04HN
Sequence Code: 3	ESTB Date: REV Date: 2/22/11	NR Ind: R
Component NEC: 8201	Related NEC: 8206	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWV-8265 P-3/C-37 Flight Communications Operator
Performs in-flight duties as a flight communications operator. Is knowledgeable of aircraft communications procedures, flight communications equipment and emergency procedures.

Source Rating: AWV	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: C-37 NEC earned through commercially procured training.

AWF-8278 Loadmaster
Performs in-flight duties as a Loadmaster in C-9, C-20, and C-40A aircraft. Performs and supervises loading, rigging, weight and balance, and in-flight functions of internal cargo handling and hazardous material for fixed wing aircraft. Is knowledgeable of aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: R-553-3000	CDP: 765H
Sequence Code: 3		NR Ind: R
Component NEC: 8289	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8279 C-2 Transport Aircrewman
Performs in-flight duties as a transport aircrewman on C-2 aircraft. Performs and supervises inspections, maintenance, loading, rigging, internal cargo handling and weight and balance. Is knowledgeable of aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-2302 (P/L) D-050-2303 (P/L)	CDP: 595G, 2307 595H, 325D
Sequence Code: 4	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWV-8284 Aviation Electronic Warfare Operator
Operates EW equipment in P-3 and EP-3 aircraft.

Source Rating: AWV	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: E-050-3022 (P/L)	CDP: 2123
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8288 Aerial Cameraman

Performs-in-flight duties as an aerial cameraman. Is knowledgeable of photographic equipment, aerial photographic techniques, aircraft equipment, emergency procedures and flight procedures.

Source Rating: MC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWF-8289 Transport Safety Specialist

Performs in-flight duties as a flight attendant in C-9, C-20D, C-37 and C-40 aircraft. Is knowledgeable of passenger handling requirements, safety procedures and equipment, federal and military regulations for passenger transport, emergency procedures, and aircraft equipment.

Source Rating: AWF, CS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 2/4/10	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. CS is the only authorized Source Rating for the C-20D and C-37A aircraft Transport Safety Specialist.
2. NEC awarded after completion of OJT by completing the JQR and receiving a NATOPS evaluation for the position of Transport Safety Specialist.

8295 Cryptologic Technician Operator/Analyst

Performs in-flight functions as a cryptologic operator analyst. Is knowledgeable of airborne data collection systems, emergency and flight procedures.

Source Rating: CTI, CTR, CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)/(N2/N6)	Technical Advisor: NAVAIR, SECGRU	ECM: BUPERS-32

NOTE: Personnel must complete Survival Evasion Resistance and Escape (SERE) training (D-2D-0039/2553 or E-2D-0039/2638). NAWSTP and NAPTP must be current.

8296 EP-3E Cryptologic Technician Operator/Analyst

Performs in-flight functions as a Cryptologic operator/analyst on airborne platforms. Knowledgeable of the airborne Cryptologic data collection systems, emergency and flight procedures.

Source Rating: CTI, CTT, CTR, IT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: E-050-3021 (P/L)	CDP: 2125
	E-050-3023 (P/L)	2124
	E-050-3010	2097
	D-2D-0039	2553
	or	
	E-2D-0039	2638
	S-2D-0106	831L
Sequence Code: 4		NR Ind: R
Component NEC: 8201	Related NEC: 8295	Open to Women: Yes
Primary Advisor: OPNAV (N889)/(N2/N6)	Technical Advisor: NAVAIR, NETWARCOM	ECM: BUPERS-32

AIRCRAFT SYSTEMS MAINTENANCE PERSONNEL

8300 Aviation Maintenance Material Control Master Chief

Assists the Maintenance Material Control Officer in squadrons or Aircraft Intermediate Maintenance Departments in carrying out readiness responsibilities. Provides liaison between the Maintenance Material Control Officer and the Production Division supervisors. Performs managerial functions in the areas of operational commitments, aircraft or bench status, workload requirements and personnel assets. Coordinates, prioritizes and monitors all Production Division maintenance efforts. Assigns material priorities and monitors overall material support, ground support equipment usage and cannibalization.

Source Rating: AO, AZ, PR, AF, AV, AS, AD, AM, AE, AT	Billet Paygrades: E9-E9	Personnel Paygrades: E8-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2		NR Ind: A
Component NEC: 8800	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: To be assigned this NEC, personnel must be a Senior Chief or Master Chief who has held one or more of the following billets while at the E-8 or E-9 level (must have served in the billet for at least 12 months): Maintenance Control Supervisor, Production Control Supervisor, Quality Assurance Supervisor (O or I Level), Division Leading Chief (I Level only). Submit documentation of completed prerequisite billet along with NAVPERS 1221/6 to PERS-4013D2 via the Enlisted Community Manager.

8303-8391 Aircraft Maintenance Technician

Selected Reserve (SELRES) personnel must complete the course requirements for an 8300 series NEC for those courses which have a prerequisite 8800 series NEC. The 8300 series NEC may be Reserve Job Qualification Requirements (RJQR) syllabus awardable only when there is not an associated 8800 series NEC.

8303 CH/MH-53E Systems Organizational Maintenance Technician

Performs organizational level maintenance on the CH/MH-53E aircraft.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: AM C-603-9443 (P/L)	CDP: 483X
	AD C-601-9446 (P/L)	483U
	AE C-602-9442 (P/L)	483V
	AT C-102-9444 (P/L)	483W
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8305 C2/E2 Systems Organizational Career Maintenance Technician

Performs organizational level maintenance on the C-2 and E-2C aircraft.

Source Rating: AD, AM, AME, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-9472 (AD)	CDP: 480X, 480Y (AD)
	C-602-9478 (AM, AME, AT)	483J (AM, AME, AT)
Sequence Code: 4		NR Ind: A
Component NEC: 8805	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. C2/E2 training applicable to AD, AM, and AME personnel.
2. C2/E2 AD training applies to the T56-A-425 engine.
3. NEC applies to AT personnel for E-2 Non-Group II only.
4. Component NEC not required for AME personnel.
5. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8305 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel. Does not apply to AME.

8306 E-2C Group II Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the E-2 aircraft.

Source Rating: AE, AT, AD	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9482 (P/L) (AT) C-602-9480 (P/L) (AE) C-601-9135 (P/L) (AD)	CDP: 238S, 325T (AT) 3260, 397W (AE) 498X, 325V (AD)
Sequence Code: 4		NR Ind: A
Component NEC: 8806 (see note 3)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AD rating applies to the T-56-A-427 engine.
2. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8306 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel.
3. AD rating can have Component NEC 8806 or 8805.

8307 C-2A Systems Organizational Maintenance Technician
Performs organizational level maintenance on the C-2A aircraft.

Source Rating: AT, AE	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-2351 (P/L) (AE) C-102-2321 (P/L) (AT)	CDP: 555B (AE) 555A (AT)
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8310 C-9B Systems Organizational Maintenance Technician
Performs organizational level maintenance on the C-9B aircraft.

Source Rating: AD, AE, AM, AME, AT, PR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Resources are established at Scott Air Force Base. FTS/SELRES only.

8312 Aircraft Aerial Refueling Stores (ARS) Organizational Career Maintenance Technician
Performs preflight and post flight troubleshooting, fault isolation, removal and replacement of faulty assemblies/subassemblies, and repair of assemblies/subassemblies of the Sargent-Fletcher-SF-31-301 aerial refueling stores.

Source Rating: AD, AE, AM	Billet Paygrades: E3-E6	Personnel Pay Grade: E3-E6
Course: Mandatory	CIN: C-602-3084	CDP: 1141, 490X, 750H
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8313 C-40A Systems Organizational Maintenance Technician
Performs organizational maintenance on the C-40 Aircraft.

Source Rating: AT, AE, AD, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-600-1001 R-603-5005 R-603-5006	CDP: 765K 765R 692G
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

8314 C-20G Systems Organizational Maintenance Technician
Performs organizational maintenance on the C-20 Aircraft.

Source Rating: AT, AE, AD, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-601-2009	CDP: 765P
	R-102-2008	765C
	R-601-2017	633K
	R-602-2010	7622
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

8315 E-6B System Organizational Career Maintenance Technician
Performs organizational level maintenance on the E-6B aircraft.

Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-4519	CDP: 645D
	C-102-4517	332W
	C-602-3514	368C
Sequence Code: 3		NR Ind: A
Component NEC: 8809	Related NEC:	Open to women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8316 E-2C Systems Organizational Career Maintenance Technician
Performs Organizational Maintenance on the E-2C Hawkeye 2000 aircraft new configuration/modified avionics and electrical systems. The new/modified system consists of a Mission Computer Upgrade (MCU) CP-2319/ASQ-225, Data Loader Recorder (DLR) RD-664/ASH, Navigation Upgrade System (NAV UPGRADE) that includes, dual Carrier Aircraft Flight Control System (SCADC) CP-140/U, Digital Data Communications Set (RT-1379A/ASW, Upgraded Multifunction Control Display Units (MFCDU), and the Global Positioning System (GPS). Other systems currently include the Joint Tactical Information Distribution System (JTIDS), and APS-145 Radar, with the Cooperative Engagement Capability (CEC) AN/ USG-3 system schedule for installation in the near future (FY01).

Source Rating: AT, AE	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-3492	CDP: 877S
Sequence Code: 4		NR Ind: A
Component NEC: 8806	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8318 C-130 Systems Organizational Maintenance Technician
Performs organizational level maintenance on the C-130 aircraft.

Source Rating: AD, AT, AE, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: M-102-0451 (P/L)	CDP: 182H
	M-602-0455 (P/L)	182J
	C-602-3516 (P/L)	447D
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC may be awarded to SELRES personnel upon completion of C-130 Maintenance Computer Based Training (CBT) / Fleet Readiness Enlisted Skill Training (FREST). The training for SELRES will consist of these four phases: Phase I-Self paced, non-resident CBT Part one. Phase II-Two week drill period (formal training by mobile training team, Part one). Phase III-Self paced, non-resident CBT Part two. Phase IV-Two week drill period (formal training by mobile training team, Part two).

8319 P-3 Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the P-3 aircraft.

Source Rating: AO, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AD, AE, AM, AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9587 (P/L) (AT)	CDP: 458T, 486F (AT)
	C-602-9571 (P/L) (AE)	459K, 485X (AE)
	C-601-9533 (P/L) (AD)	459N, 486B (AD)
	C-603-9531 (P/L) (AM)	459V, 486H (AM)
	C-602-1161 (P/L) (AME)	553Y, 948Z (AME)
	C-646-1140 (P/L) (AO)	553V, 949C (AO)
	R-102-1127 (P/L)	3603
Sequence Code: 4		NR Ind: A
Component NEC: 8819 (See Note 2)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8319 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel. Does not apply to AME and AO personnel.
2. Component NEC not required for AME and AO personnel

8320 E-2D Aircraft Systems Organizational Career Maintenance Technician
Performs Organizational Maintenance on the E-2D Aircraft with new engines, hydraulic, electrical, and avionics systems.

Source Rating: AD, AE, AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: See Note 1	CIN: C-601-9127 (AD)	CDP: 05TM (AD)
	C-602-9487 (AE)	05TK (AE)
	C-102-9473 (AT)	05TH (AT)
Sequence Code: 4	ESTB Date: 2/25/10 REV Date:	NR Ind: A
Component NEC: 8820	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N88	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC is awarded through factory (cadre) and FIT-coordinated Transition training pending CNATTU Ready For Training (RFT).
2. AE and AT ratings require a Secret Security Clearance.

8330 P-8A Aircraft Systems Organizational Career Maintenance Technician
Performs Organizational Maintenance on the P-8A Aircraft systems: Airframes/Hydraulics, Avionics, Electrical, Environmental Control, Ordnance, and Power Plants.

Source Rating: AD, AE, AM, AME, AO, AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: (AD) C-601-4202	CDP: 07HV
	(AE) C-602-4202	07HX
	(AM) C-603-4202	07J0
	(AME)C-602-4203	07HY
	C-600-4201	07HT
	(AO) C-646-4201	07J2
	C-646-4202	07J3
	C-600-4201	07HT
	(AT) C-102-4202	07HS
Sequence Code: 4	ESTB Date: 8/27/10 REV Date:	NR Ind: A
Component NEC: 8830	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AE, AT and AO Source Ratings must be eligible for Secret security clearance.
2. Component NEC 8830 not required for AME and AO Source Ratings.

8332 EA-6B Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the EA-6B aircraft.

Source Rating: AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AD, AE, AT, AME, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-9741 (P/L) (AD)	CDP: 457H (AD)
	C-602-9744 (P/L) (AE)	457L (AE)
	C-602-9741 (P/L) (AM)	457J (AM)
	C-602-9743 (P/L) (AME)	457K (AME)
	C-102-9741 (P/L) (AT)	457F (AT)
	C-646-1840 (P/L) (AO)	566J (AO)
	C-102-9742	457G, 457H
Sequence Code: 4		NR Ind: A
Component NEC: 8832 (See Note 1)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Component NEC not required for AO personnel.
2. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8332 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel. Does not apply to AO.

AT-8340 F/A-18E/F Block 2 Avionics System Organizational Career Maintenance Technician
Performs organizational journeyman level maintenance on the F/A-18E/F upper LOT 27, 28, 30 and above aircraft.

Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: AT C-102-0100	CDP: 979K, 979L
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8341 F/A-18E/F Systems Organizational Career Maintenance Technician
Performs organizational career level maintenance on the F/A-18E/F aircraft.

Source Rating: AT, AE, AME, AD, AO, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-9975 (AD)	CDP: 2838, 401B (AD)
	C-602-9977 (AE)	283J, 401T (AE)
	C-603-9975 (AM)	2923, 4030 (AM)
	C-602-9979 (AME)	2889, 4027 (AME)
	C-646-9975 (AO)	294V, 4034 (AO)
	AT C-102-9978	2758, 4019
Sequence Code: 4		NR Ind: A
Component NEC: 8841	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8342 F/A-18 A/B/C/D Systems Organizational Maintenance Technician
Performs organizational level maintenance on the F/A-18 A/B/C/D aircraft.

Source Rating: AD, AE, AO, AT, AME, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-603-9974 (P/L) (AM)	CDP: 1215, 495C (AM)
	C-602-9974 (P/L) (AME)	1207, 495E (AME)
	C-102-9963 (P/L) (AT)	1162, 495G (AT)
	C-602-9976 (P/L) (AE)	1209, 495F (AE)
	C-601-9974 (P/L) (AD)	1182, 495D (AD)
	C-646-9974 (P/L) (AO)	1218, 495H (AO)
	C-646-0641 (P/L)	564T
Sequence Code: 4		NR Ind: A
Component NEC: 8842	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8343 E-6 Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on all E-6 series aircraft.

Source Rating: AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AD, AE, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-3504 (AD)	CDP: 454G (AD)
	C-602-3509 (AE)	454H(AE)
	C-602-3510 (AME)	454J (AME)
	C-603-3503 (AM)	454K (AM)
Sequence Code: 4		NR Ind: A
Component NEC: 8843 (See Note 1)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Component NEC not required for AME personnel.
2. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8343 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel.

8351 A-4 Systems Organizational Maintenance Technician
Performs organizational level maintenance on the A-4 aircraft.

Source Rating: AD, AT, AO, AE, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: OJT	CIN:	CDP:
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8361 Unmanned Aerial Vehicle (UAV) Systems Organizational Maintenance Technician
Performs organizational level maintenance on UAV systems and support equipment.

Source Rating: AT, AE, AM, AS, AWF, AWV	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-690-0644 (AM/AS)	CDP: 3166 (AM/AS)
	C-690-0646 (AT/AE/AWV)	3160 (AT/AE/AWV)
	C-690-0644 (AWF)	3160, 3166 (AWF)
Sequence Code: 6	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8362 Unmanned Aerial Vehicle (UAV) External Pilot
UAV External Pilot directly controls the flight of the UAV during launch and recovery operations by visual reference to the UAV.

Source Rating: AS, AM, AE, AT, AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-104-0641	CDP: 3164
	C-104-0642	3162
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Flight physical must be completed prior to arrival in accordance with aeromedical reference and waiver guide and also NAVMED P117.
2. Physical Qualification – Class Two Physical.

8363 Unmanned Aerial Vehicle (UAV) Internal Pilot
Operates and navigates UAV during the enroute, mission, and return phase of flight.

Source Rating: AS, AM, AE, AT, AZ, AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-104-0642	CDP: 3162
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Flight physical must be completed prior to arrival in accordance with aeromedical reference and waiver guide and also NAVMED P117.
2. Physical Qualification – Class Two Physical.

8364 Unmanned Aerial Vehicle (UAV) Payload Operator
Operates the EO/IR UAV sensor during all phases of flight.

Source Rating: AS, AM, AE, AT, AZ, IS	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Earned through joint training at Fort Huachuca.

8366 MQ-8B Organizational Maintenance Technician
Performs Organizational level maintenance on the MQ-8B systems.

Source Rating: AD, AE, AM, AT	Billet Paygrades:	Personnel Paygrades: E3-E8 (See Note 3)
Course: See Note 2	CIN: C-690-0037 (AD, AM) C-690-0036 (AT, AE)	CDP: 04CT, 04CU, 04CV (AD, AM) 04CP, 04CR, 04CS (AT, AE)
Sequence Code: 4	ESTB Date: 7/15/09 REV Date:	NR Ind: A
Component NEC: See Note 1	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Component NEC for AD/AM is 8378. Component NEC for AE/AT is 8388 or 8389.
2. NEC may be awarded through cadre training pending establishment of formal training.
3. Waiver required for E3-E4 paygrades.

8367 MQ-8B Mission Payload Operator (MPO)
Operates MQ-8B mission payload during flight.

Source Rating: AWR, AWS	Billet Paygrades:	Personnel Paygrades: E4-E8
Course: See Note 1	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC may be awarded through cadre training pending establishment of formal training.
2. Flight Physical must be completed prior to arrival in accordance with aero-medical reference and waiver guide and NAVMED P117.
3. Physical Qualification-Class Two Physical

8368 MQ-8B Air Vehicle Operator (AVO)
Develops and inputs Air Vehicle flight plan. Directs, monitors, and provides input changes to Air Vehicle in-flight.

Source Rating: AWR, AWS	Billet Paygrades:	Personnel Paygrades: E4-E8
Course: See Note 1	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC may be awarded through cadre training pending establishment of formal training.
2. Flight Physical must be completed prior to arrival in accordance with aero-medical reference and waiver guide and NAVMED P117.
3. Physical Qualification-Class Two Physical.

8373 MH-60S Organic Airborne Mine Countermeasures (OAMCM) Systems Maintenance Technician
Performs preventive and corrective maintenance on OAMCM systems and associated aircraft mission interface systems employed by the MH-60S. These systems include: AN/ALQ-222 Common Console, AN/ALQ-223 Sensor Deployment System (Carriage, Stream, Tow, and Recovery System), AN/AQS-20A Detecting Set, Sonar Mine, AN/ASQ-235 Mine Sweeping Equipment, AN/AES-1 Airborne Laser Mine Detection System, AN/ALQ-220 Countermeasures Set, and AN/AWS-2 Rapid Airborne Mine Clearance System.

Source Rating: AT, MN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-102-0114	CDP: 03WA, 03WB
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 8391	Open to Women: Yes
Primary Advisor: OPNAV N85, OPNAV N889	Technical Advisor: NAVSEA 05, NAVAIR	ECM: BUPERS-32

Note: NEC may be awarded through cadre training pending establishment of formal training.

AT-8376 SH-60 (LAMPS MK III) Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the SH-60 (LAMPS MK III) aircraft.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9409 (P/L)	CDP: 088P, 985D
Sequence Code: 6		NR Ind: A
Component NEC: 8876	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AO-8378 H-60 Systems Organizational Career Maintenance Technician
Performs organizational maintenance on all T/M/S/ of the H-60 aircraft.

Source Rating: AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AD, AE, AM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9407 (P/L) (AT) C-601-9407 (P/L) (AD) C-602-9407 (P/L) (AE) C-603-9407 (P/L) (AM) C-646-0840 (P/L) (AO)	CDP: 447F, 447G (AT) 447L, 447M, 967Z (AD) 447N, 447P (AE) 447R, 447S, 968A (AM) 555W, 568X (AO)
Sequence Code: 4		NR Ind: A
Component NEC: 8878 (See Note 2)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AT personnel who hold NEC 8376 must complete formal training to be awarded NEC 8378.
2. Component NEC not required of AO personnel.
3. Applies to SH-60F/HH-60H aircraft for AT and AE personnel.

8379 H-46 Systems Organizational Maintenance Technician
Performs organizational level maintenance on the H-46 aircraft.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: AD M-601-2414 (P/L)	CDP: 217P
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8380 UH-1N Systems Organizational Maintenance Technician
Performs organizational level maintenance on the UH-1N aircraft.

Source Rating: AD, AE, AT, AM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: M-102-2021 (P/L) (AT)	CDP: 218W AT
	M-601-2027 (P/L) (AD)	613W AD
	M-601-2014 (P/L)	219K
	M-602-2051 (P/L) (AE)	218Y AE
	C-600-9363 (P/L) (AM)	420H AM
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AE-8385 MH60R/S Electrical Systems Organizational Career Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Rating: AE	Billet Paygrades: E5-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-4413	CDP: 657S, 657T, 657U
Sequence Code: 3	ESTB Date: 2/23/10 REV Date:	NR Ind: A
Component NEC: 8885	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N88	Technical Advisor: NAVAIR	ECM: BUPERS-32

8388 MH-60R Electronics Systems Organizational Career Maintenance Technician
Performs avionics organizational level maintenance on the MH-60R aircraft.

Source Rating: AT	Billet Paygrades: E5- E7	Personnel Paygrades: E4-E7
Course: See Note	CIN: C-102-3408 (P/L)	CDP: 03X0, 03X1
Sequence Code: 3	ESTB Date: REV Date: 6/14/10	NR Ind: A
Component NEC: 8807	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC may be awarded through cadre training pending implementation of formal training.

8389 MH-60S Systems Organizational Career Maintenance Technician
Performs avionics organizational level maintenance on the MH-60S aircraft.

Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Source Rating: AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN: C-102-2222 (AT) (Pending Activation)	CDP: 5587, 750M (AT)(Pending Activation)
	C-646-9400 (P/L) (AO)	05DD, 05DE (AO)
Sequence Code: 3	ESTB Date: REV Date: 6/14/10	NR Ind: A
Component NEC: 8808	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC may be awarded through OEM cadre training, or combination of factory transition training and Armed Helicopter CWTPI refresher course pending implementation of formal training. For AO rating only, includes OAMCM maintenance. Component NEC not required for AO personnel.
2: Individuals completing CIN/CDPs C-102-0828 (P/L)/660J, 745L will be awarded this NEC pending activation of CIN/CDPs listed above for the AT source rating.

8391 Airborne Mine Countermeasure Systems Career Maintenance (AMCM) Technician (Level I and O)
Performs IMA and organizational level maintenance on the Airborne Mine Countermeasure System (AMCM).

Source Rating: AD, AM, AE, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: AD/AM C-601-9448 (P/L)	CDP: 459R
	AE C-602-9947 (P/L)	459G
	AT C-102-9728 (P/L)	458Y
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

8392 C-20A/D Organizational Maintenance Technician
Performs organizational level maintenance on the C-20A/D aircraft.

Source Rating: AT, AD, AE, AM, AME, PR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-601-2017	CDP: 633K
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 8314	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

8394 EA-18G Electronic Counter Measures (ECM) System Maintenance Technician
Performs organizational level maintenance on EA-18G Airborne Electronic Attack System. Systems include the ALQ-99 (Tactical Jamming System Receiver), INCANS (Interference Cancellation System), MATT (Multi-mission Advance Tactical Terminal), and CCS (Communications Countermeasures Set). Briefs and debriefs flight crews and conducts daily computer-assisted preflight inspection to determine status of equipment.

Source Rating: AT	Billet Paygrades: E1-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: C-102-9980	CDP: 03TF
Sequence Code: 4		NR Ind: A
Component NEC: 8841 or 8341	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Secret Clearance required and member must not be color blind.
2. Personnel will retain previously earned Component NEC (8341 or 8841) upon being awarded NEC 8394.

8395 EA-6B Electronic Counter Measures (ECM) System Organizational Career Maintenance Technician
Performs organizational level maintenance on EA-6B ECM system. Briefs and debriefs flight crews and conducts daily computer-assisted preflight inspection to determine status of equipment.

Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9742	CDP: 457G
Sequence Code: 4	ESTB Date: REV Date: 10/1/09	NR Ind: R
Component NEC: 8810	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Secret clearance required.

HOSPITAL CORPSMAN

HM-8401 Search and Rescue Medical Technician

Performs aircrew and emergency medical care functions in support of Search and Rescue, MEDEVAC and CASEVAC missions for Navy and Marine Corps Aviation. Certified in Advanced Cardiac Life Support (ACLS), Advanced Trauma Life Support (ATLS) Cardiopulmonary Resuscitation (CPR), Triage, Intravenous (IV) therapy, medicine administration, use of emergency medical equipment, patient handling, and aero-medical evacuation techniques. Must be NATOPS qualified to crew position of SAR Medical Technician.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/13/10	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E, NAVAIR	ECM: BUPERS-32

NOTES:

1. The medical standards established by NAVMEDCOMINST 1510.5 Series and the flight standards established by OPNAV must be met prior to award of this NEC.
2. Member will retain this NEC for the maximum number of 8 years. If the member has not qualified for another advanced closed loop NEC utilizing their skills and experience in emergency medicine i.e. HM-8425, 8402, or skills and experience in aircrew position and aerospace medicine or physiology HM-8406, 8409 by the end of the 8th year after graduation, his or her next PCS assignment will be to a general HM-0000 billet maintaining the current HM-000 sea/shore rotation and the HM-8401 NEC will be removed by CHNAVPERS.

HM-8402 Submarine Force Independent Duty Corpsman

Serves as the Medical Department Representative (MDR) aboard submarines and at various isolated duty stations ashore independent of a medical officer. Performs patient care and associated shipboard administrative and logistical duties. Performs diagnostic procedures, advanced first aid, basic life support, nursing procedures, minor surgery, basic clinical laboratory procedures and other routine and emergency health care. Conducts and directs preventive medicine and industrial hygiene surveillance programs. Familiar in the prevention and treatment of illness associated with the enclosed submarine environment, diving, and high-pressure conditions. Provides for health education to junior medical and nonmedical personnel. Performs all patient care and medical management functions set forth in Chapter 9, Manual of the Medical Department. Serves as the Radiation Health Officer (RHO) aboard submarines, and are trained in the medical aspects relative to personnel exposed to ionizing radiation. Directs and administers the Personnel Dosimetry and Radiation Health Programs. Maintains and compiles radiation exposure records and reports. Senior personnel assigned to shore and operational staffs provide medical assistance, training, and inspection services to operational forces and component units. Additionally, when assigned ashore they serve primarily as nonphysician health care provider at fixed medical treatment facilities (MTFs).

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-0001 B-300-0005	CDP: 845E 475W
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:

1. Although NEC 8407 is not listed as a component NEC, personnel disqualified for submarines may at the discretion of the Enlisted Community Manager (ECM) be recoded to HM-8407.
2. Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member's operational proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).

HM-8403 Fleet Marine Force Reconnaissance Independent Duty Corpsman

Provides medical and operational services for Fleet Marine Force Reconnaissance personnel engaged in direct action and reconnaissance operations independently of a medical officer. Performs patient care as well as associated operational administrative and logistical duties. Performs clinical diagnostics, advanced paramedical skills, advanced cardiac life support, nursing, basic anesthesia, basic dental exams and procedures and other routine and emergency medical health care procedures as required. Instructs and advises operational personnel in measures for prevention of illness and treatment of injuries associated with swimming, open and closed circuit SCUBA diving, military free fall and amphibious operations. Performs duties using open and closed circuit SCUBA in direct support of Fleet Marine Force Reconnaissance Units. Conducts underwater searches to include detailed ship-bottom searches. Inspects and maintains SCUBA and related equipment. Knows the laws of diving and gas physics and understands the theory and practice of decompression and the use of decompression tables. Performs duties as a hyperbaric chamber operator. Recognizes all types of illnesses associated with diving to include oxygen and carbon dioxide toxicity, nitrogen narcosis, type I and II decompression sickness and air gas embolism. Enters the chamber as the inside tender to care for patients suffering from decompression sickness as well as other conditions requiring hyperbaric treatment. Provides health care as a non-physician health care provider when assigned to fixed medical treatment facilities.

Source Rating: HM	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: B-300-2403	CDP: 0501
Sequence Code: 3		NR Ind: N
Component NEC: 8427	Related NEC:	Open to Women: No
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:

1. Personnel who have completed the Joint Special Operations Medical Sergeants Course (SOMED 011-18-D30) after 1 January 1991 may be awarded NEC HM-8403.
2. Personnel who have the component NEC HM-8427 and have completed Surface Force Independent Duty Corpsman School (B-300-0019) may be awarded the NEC HM-8403 with appropriate supporting recommendation from the FMF Reconnaissance community and Headquarters Marine Corps (Code HS).
3. Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member's operational proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).
4. Must continuously maintain Dive/Jump qualifications to retain NEC.

HM-8404 Field Medical Service Technician

Provides medical and dental services for personnel in field units. Provides technical and administrative assistance to support the mission and functions of the Navy and Marine Corps field units. Maintains organizational level AMAL's and ADAL's. Assists in the procurement and distribution of supplies and equipment for field use and combat areas. Maintains field treatment facilities. Renders first aid and emergency medical and dental treatment to unit personnel/combatants. Coordinates and performs medical evacuation procedures. Ensures observance of field sanitary measures and preventive measures in specialized warfare. Conducts first aid and health education training programs.

Source Rating: HM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-300-0013 B-300-0213	CDP: 3387, 3388, 02FJ, 02FL
Sequence Code: 7		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8406 Aerospace Medical Technician

Assists flight surgeon or medical officer in special examination and treatments for naval aviators and flight personnel. Assists in conducting aviation medical tests. Assists flight surgeon in investigating and reporting results of aircraft mishaps. Maintains aviation medical records and files.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-300-0017	CDP: 3301
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8407 Radiation Health Technician

Performs duties of radiation monitor, radiation surveys, gas and liquid analyses with knowledge of the medical aspects relating to personnel exposed to ionizing radiation. Directs and administers the personnel dosimetry program. Maintains radiation exposure records as part of the health records.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-322-0010	CDP: 3374
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8408 Cardiovascular Technician

Assists in all phases of cardiac catheterization, angiocardiography, arterial puncture studies, bronchography. Sets up and maintains sterile field packs and cares for all instruments, and operates fluoroscope. Possesses knowledge of skin testing methods using purified proteins derivative of tuberculin, histoplasmosis and coccidioidin.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-300-0018	CDP: 3380
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservist who: 1) have successfully completed a BUMED-recognized training program and or is certified by the National Registry for Cardiovascular Technologists, and 2) is a cardiovascular technologist/technician with documented current clinical competency.

HM-8409 Aerospace Physiology Technician

Serves as a technical assistant to the Aerospace Physiologist. Provides instruction to aviation and non-aviation personnel in aeromedical aspects of flight, in-flight visual problems, spatial disorientation, emergency egress systems, personal life support equipment, and water survival techniques. Performs the duties of an inside instructor/observer on hypobaric chamber flights. Operates and maintains training devices peculiar to the aviation physiology and aviation water survival training programs. Performs the administrative duties required of the Aviation Physiology Training Units. Assists in the fleet introduction and evaluation of aviator's personal and survival equipment.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-305-0011	CDP: 02C6
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8410 Bio-Medical Equipment Technician

Assembles, maintains, troubleshoots, aligns, and calibrates medical equipment. Calculates circuit parameters, solder, plumbing, welding, and documentation. The major emphasis is on deployable medial equipment, i.e., X-Ray, dental X-Ray, laboratory, ophthalmic, dental, pneumatic, hydraulic, general, medical and surgical diagnostic and treatment equipment at the module or circuit board level.

Source Rating: HM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: B-326-1000	CDP: 02TL
Sequence Code: 1		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8416 Nuclear Medicine Technologist

Operates and maintains radioactive isotope therapy apparatus. Assists medical officer in preparing and conducting radioactive isotope therapy and in organizing and administering radioactive isotope therapy clinic.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-311-0016	CDP: 468F, 468E, 468G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8425 Surface Force Independent Duty Corpsman

Serves as the Medical Department Representative (MDR) aboard surface ships, with the units of the Fleet Marine Force, and at various isolated duty stations ashore independent of a medical officer. Performs patient care and associated shipboard administrative and logistical duties. Performs diagnostic procedures, advanced first aid, basic life support, nursing procedures, minor surgery, basic clinical laboratory procedures, and other routine and emergency health care. Conducts and direct preventive medicine and industrial health surveillance programs. Provides for health education to junior medical and all nonmedical personnel. Perform all patient care and medical management functions set forth in Chapter 9, Manual of the Medical Department. Administers the Radiation Health Program as necessary. Senior personnel assigned to shore and operational staffs provide medical assistance, training, and inspection services to operational forces and component units. Additionally, when assigned ashore, they serve primarily as nonphysician health care providers at fixed medical treatment facilities (MTFs).

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-0019	CDP: 4356
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member's operational proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).

HM-8427 Fleet Marine Force Reconnaissance Corpsman

Provides medical and operational services for Fleet Marine Force Reconnaissance personnel engaged in direct action and reconnaissance operations. Performs paramedical skills, basic life support, minor surgical procedures and other routine and emergency medical health care procedures as required. Instructs and advises operational personnel in measures for prevention of illness and treatment of injuries associated with swimming, open and closed circuit SCUBA diving, military freefall and amphibious operations. Performs duties using open and closed circuit SCUBA in direct support of Fleet Marine Force Reconnaissance Units. Conducts underwater searches to include detailed ship-bottom searches. Inspects and maintains SCUBA and related equipment. Knows the laws of diving and gas physics and understands the theory and practice of decompression and the use of decompression tables. Performs duties as a hyperbaric chamber operator. Recognizes all types of illnesses associated with diving to include oxygen and carbon dioxide toxicity, nitrogen narcosis, type I and II decompression sickness and air gas embolism. Enters the chamber as the inside tender to care for patients suffering from decompression sickness as well as other conditions requiring hyperbaric treatment.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0011	CDP: 231Z
Sequence Code: 4		NR Ind: R
Component NEC: 8404	Related NEC:	Open to Women: No
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:

1. NEC is awarded upon completion of all of the following courses: 1) USMC Basic Reconnaissance, 2) USMC Combatant Divers, 3) Army Basic Airborne School, 4) USMC Special Amphibious Reconnaissance Corpsman Diving Medicine, 5) Joint Special Operations Forces Trauma Medic.
2. Recommendation for removal of NEC HM-8427 will be made by the member's Commanding Officer based on an evaluation of the individual's proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).
3. Must continuously maintain Dive/Jump qualifications to retain NEC.

HM-8432 Preventive Medicine Technician

Assists Medical Department Officers in the performance of Preventive Medicine and Occupational Health Programs for Navy and Marine Corps forces ashore and afloat. Performs inspections and surveys of food and food service facilities, berthing spaces, barber and beauty shops, child care facilities, recreational facilities, swimming pools, potable water systems, solid waste and waste water disposal sites and systems, vehicles, and transport containers. Conducts bacteriological analysis of food, water, and ice samples. Conducts epidemiological investigations and reporting (Disease Alert Report), interviews and counsels sexually transmitted disease and other communicable disease patients and contacts, administers mass immunization programs and conducts nosocomial infection control programs. Applies statistical methods to human mortality, morbidity, and demographic studies. Conducts disease vector (insects, rodents, parasites, and other pests) control programs (surveys, identification, and pesticide application and other control measures). Is proficient in all aspects of field sanitation (water and food service sanitation, waste disposal, and vector control). Is proficient in medical and sanitary aspects of CBR defense. Under the supervision of occupational health professionals, assists in ensuring that work place environments are healthful, consistent with existing NAVOSH standards, through surveillance of the work place and medical surveillance of personnel exposed to work place hazards. Instructs medical and nonmedical personnel in preventive medicine, industrial hygiene, environmental health and occupational health matters.

Source Rating: HM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-322-0012	CDP: 434P
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8434 Hemodialysis/Apheresis Technician

Performs independently the standard principles and procedures of hemodialysis, peritoneal dialysis, and apheresis, including assisting with the invasive renal, vascular and peritoneal procedures and maintenance of access devices.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-311-0022	CDP: 230D
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8451 Basic X-Ray Technician

Operates limited medical X-ray equipment, having basic knowledge in clinical applications of radiologic techniques. Performs basic diagnostic radiographs. Processes X-ray films. Provides administrative assistance for procedures which are pertinent to the radiology service. Assists in maintaining the Terminal Digital Filing System and performs duties under the Photodosimetric Program.

Source Rating: HM	Billet Paygrades: N/A	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-313-0025	CDP: 434U
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:

1. Personnel holding HM-8451 are assigned to large combatants and auxiliary vessels, fleet Marine Force units and at a variety of shore locations that have limited X-ray capabilities and equipment.
2. Member will retain this NEC for a maximum of 6 years. If member has not qualified for Advanced X-Ray Technician by the end of the 6th year of graduation, his or her next PCS assignment will be a general HM-0000 billet maintaining the current HM-0000 sea/shore rotation and the HM-8451 NEC will be removed by CHNAVPERS.
3. Per NEOCS Board action of 12 Feb 07, the personnel holding this NEC are recoded (billets only) to 8452. This NEC will be maintained for personnel distribution purposes only.

HM-8452 Advanced X-Ray Technician

Operates medical X-ray equipment in performance of all diagnostic radiographic examinations. Operates ultrasound equipment, applying the concept of acoustical physics, basic equipment knowledge and clinical procedures. Assists the radiologist in performing fluoroscopic examinations and computerized axial tomographic examinations (CAT scans). Performs special radiographic procedures, Xeroradiographic examinations and vascular procedures. Processes X-ray and Xeroradiographic films. Has knowledge of all administrative procedures relative to the Radiology Service. Performs photodosimetric duties.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-313-0026	CDP: 3322, 3326
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservist who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the American Registry of Radiologic Technologists, and 2) is radiographer with documented current clinical competency.

HM-8454 Electroneurodiagnostic Technologist

Assists medical officer in performing electroencephalography tests. Prepares patients for examinations. Assists in operating electroencephalography equipment to examine patients for organic brain diseases. Records test results. Maintains electroencephalography equipment.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0043	CDP: 539Y
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservist who: 1) has successfully completed a BUMED-recognized training program and or is certified by the American Board of Registration of EEG Technologist, inc. Or the American Board of Certified Registered Technicians-Technologists, and 2) is an EEG technologist with documented current clinical competency.

HM-8463 Optician

Performs all phases of fabrication of single vision and multifocal spectacles from prescriptions. Marks, cuts, edges, and inserts single vision and multifocal lenses into appropriate frames. Resurfaces, grinds, and polishes special single vision and multifocal lenses from ophthalmic lens blanks. Measures, orders, verifies, and dispenses spectacles. Provides spectacle repair and replacement service. Maintains and repairs optical laboratory equipment. Assists optometrists and medical officers in the treatment of patients with ocular disorders. Maintains and operates equipment used for diagnostic screening of ocular conditions. Senior opticians perform administrative and managerial duties in optometry and ophthalmology clinics.

Source Rating: HM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-311-0023	CDP: 3382
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program, 2) is certified by the American Board of Opticianary, National Contact Lens Examiner, or Opticians Association of America, and 3) is an optician with documented current clinical competency.

HM-8466 Physical Therapy Technician

Assists a physical therapist and/or medical officer in administering physical therapy. Assists with the development, teaching and supervision of exercise programs and activities of daily living to enhance patient's strength, endurance, coordination, and mobility. Assists with assessment of range of motion, strength and ambulation skills. Teaches the use of ambulation aids. Applies physical modalities of whirlpool, paraffin bath, ultrasound, diathermy, infrared, hot and cold packs, and electrical stimulation.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-303-0051	CDP: 4279, 4280, 4283, 322A, 807Q
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the American Physical Therapy Association, and 2) is a physical therapy assistant with documented current clinical competency.

HM-8467 Occupational Therapy Assistant

Assists occupational therapist and/or medical officer in administering occupational therapy. Assists with carrying out established treatment plans for acute and chronic rehabilitation services. Assists with the fabrication and fitting of upper and lower extremity, high and low temperature orthotics; splinting and rehabilitation for tendon lacerations, fractures, burns, and various neuromusculoskelatal disorders. Conducts range of motion and strengthening programs using simulators and work stations. Assists in the management of hypertrophic scarring, edema, hypersensitivity and wound care. Assists in the development and application of psychosocial rehabilitation for psychiatric patients. In wartime, assists in the management of combat stress-related disorders.

Source Rating: HM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-303-0053	CDP: 230L
Sequence Code: 3		NR Ind: R
Component NEC: 8466	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8482 Pharmacy Technician

Prepares and dispenses prescribed medicines and pharmaceutical preparations. Compounds preparations according to prescriptions issued by medical officers. Procures, stores and issues pharmaceutical materials and supplies. Maintains files and records and submits required pharmacy reports.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-312-0025	CDP: 3340
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8483 Surgical Technologist

Assists medical officer in carrying out surgical techniques. Provides nursing care, safety and support to patients before, during and after surgery. Selects, sterilizes and prepares instruments and materials and the aseptic environment necessary for surgery. Assists anesthetist during operating procedures in giving artificial respiration and in the use of resuscitators. Maintains surgical equipment and records. Assists with instruction, supervision, and evaluation of students and other corpsmen assigned duties relating to surgery.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-301-0033 B-330-0024	CDP: 3350, 3343 395U, 395V
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the Association of Surgical Technologists, and 2) is a surgical technologist with documented current clinical competency.

HM-8485 Psychiatry Technician

Assists in care and treatment of neuropsychiatric patients. Aids medical officer in administration of special neuropsychiatric therapy procedures. Cares for patients in accordance with nursing methods. Observes and reports symptoms and psychotic manifestation of mental patients. Maintains neuropsychiatric ward and clinic equipment.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-302-0046	CDP: 681E
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8486 Urology Technician

Assists medical officer in examination and treatment of urological patients. Operates and maintains urological equipment and appliances. Performs urological X-ray procedures. Prepares supplies, instruments, dressings, and utensils for urological operations and treatments.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0025	CDP: 3359
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC: 8483	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8489 Orthopedic Cast Room Technician

Assists medical officer in application and removal of casts and traction in all forms and in maintenance of traction. Assists in minor operative procedures such as arthrocentesis, suture removal, dressing changes, and insertion and removal of skeletal traction devices. Maintains records on patients treated in cast room.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0141	CDP: 3573
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8493 Medical Deep Sea Diving Technician

Assists medical officer in prevention and treatment of illnesses associated with deep sea diving and high pressure conditions. Performs duties as inside tender for recompression chamber operations. Additional duties include qualifications to dive using all Air and Mixed Gas USN Diving Apparatus. Operates, tests, repairs and adjusts all USN Diving Equipment, systems and support equipment. Operates recompression chambers. Performs underwater inspections, harbor/port/ship security inspections, including ordnance searching, rescue, special warfare operations, and small boat operations. Operates Swimmer Delivery Vehicle Dry-Deck Shelter systems and submarine Lock-in/Lock-out systems. The areas of knowledge and training include but are not limited to diving physics; scuba and surface-supplied air diving procedures; and recognition and treatment of diving related illnesses.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-433-0020	CDP: 3365
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C, OPNAV N873	Technical Advisor: NAVMED MPT&E, NAVSEA 05H (HSI), NAVSEA 00C (SUPSALV)	ECM: BUPERS-32

NOTE: Technical Advisor for Navy Diving will certify that all HM-8493 obtain required training to maintain required diving qualifications necessary to perform their duties. Minimum diving qualifications to maintain NEC HM-8493 are determined by both primary advisors (N931 will determine medical requirements and N873 will determine diving requirements) and are delineated in the approved course of instruction. Specific diving requirements to maintain qualifications are noted in MILPERSMAN 1220-100.

HM-8494 Deep Sea Diving Independent Duty Corpsman

Serves as the Medical Department Representative (MDR) aboard surface ships, with diving activities and units, and at various isolated duty stations independent of a medical officer. Performs patient care and associated shipboard administrative and logistical duties. Performs diagnostic procedures, advanced first aid, basic life support, nursing procedures, minor surgery, basic laboratory procedures and other routine and emergency industrial hygiene surveillance programs. Assists medical officers in the prevention and treatment of illnesses associated with diving and high - pressure conditions. Operates pressure chambers and submarine rescue apparatus. Enters pressure chambers to care for patients suffering from decompression sickness or other conditions requiring such treatment. Performs diving and other duties related to underwater rescue. Provides health education to junior medical and all nonmedical personnel. Performs all patient care and medical management functions set forth in Chapter 9, Manual of the Medical Department. Senior personnel assigned to shore operational staffs provide medical assistance, training, and inspection services to operational forces and component units. Additionally, when assigned to fixed medical treatment facilities (MTFs), they serve primarily as nonphysician health care providers.

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-0022 A-433-0020	CDP: 3330 3365
Sequence Code: 3		NR Ind: R
Component NEC: 8493	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:

1. Personnel holding NEC 8493 who have completed Advanced Hospital Corps School (B-300-0019) or Submarine Medicine Technician School (B-300-0001) and who are recommended by the Bureau of Medicine and Surgery (BUMED) may be granted NEC HM-8494. Submit recommendations for NEC award in accordance with Chapter II of this Manual.
2. Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member's operational proficiency and professional performance in accordance with the provisions OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).
3. Must continuously maintain Dive qualifications to retain NEC.

HM-8496 Mortician

Performs medical/decedent affairs administrative and logistical duties in Navy and Marine Corps activities in accordance with appropriate regulations. Inspects and/or processes remains for transportation to the U.S., overseas locations or local burial. Ensures proper documentation accompanies remains. Conduct liaison with next of kin and foreign government officials for disposition of remains. Assists in recovery and identification of remains. Restores facial features to a normal appearance, disinfects and preserves by arterial and/or hypodermic injection of embalming chemicals. Conducts funeral services as required.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:
1. Satisfactory completion of Mortuary Science course at a school accredited by the American Board of Funeral Service Education, Inc.
2. Current license to practice as a mortician in one of the 50 states or the District of Columbia.

HM-8503 Histopathology Technician

Assists the pathologist in the accessioning, preparation, processing, embedding, straining, and mounting of surgically and necropsy obtained tissue for pathological examination. Maintains histopathology records and instruments. Supervises the work of less skilled technicians.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-0039	CDP: 804C
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8505 Cytotechnologist

Performs advanced cytopathology methods and techniques. Supervises the work of basic cytotechnicians. Assists the pathologist in applying cytodiagnostic techniques for patient care.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-0036	CDP: 305B
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC: 8503, 8506	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8506 Medical Laboratory Technician, Advanced

Performs and supervises the performance of advanced laboratory procedures such as the autoanalyzers, recording spectrophotometers, blood gas analyzers, flame photometers (emission and absorption), osmometers, gas chromatographs, electrophoreses apparatus, sequential multiple analyzers, and other procedures, as required. Performs all phases of blood donor processing and blood banking procedures, clinical bacteriology, mycology, serology, immunohematology, hematology, parasitology, general, and clinical chemistry, toxicology and urinalysis.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-0018	CDP: 3309, 3784
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC: 8503	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized associates degree program, 2) is certified by the National Certification Agency for Medical Laboratory Personnel, and 3) is a medical laboratory technician with documented current clinical competency.

HM-8541 Respiratory Therapy Technician

Assists medical officers in treating patients using controlled breathing apparatus that employ medical gases. Performs medical gas therapy, nebulization therapy, mechanical ventilation, and pulmonary function testing. Maintains and is knowledgeable of all safety precautions related to gas storage and handling. Performs minor repair and preventive maintenance on tracheotomy and endotracheal apparatus, ventilator, rubber goods, and electronic monitoring and resuscitation equipment.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-1424	CDP: 0417
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the National Board for Respiratory Care, and 2) is a respiratory therapist or a respiratory therapy technician with documented current clinical competency.

HM-8701 Dental Assistant

Perform duties as a general dental assistant to include dental infection control, dental treatment room management, preventive dentistry, comprehensive dental assisting, and intraoral radiography.

Source Rating: HM	Billet Paygrades: E3-E5	Personnel Paygrades: E1-E5
Course: Mandatory	CIN: B-300-3300	CDP: 00AM, 05JR
Sequence Code: 1	ESTB Date: REV Date: 9/3/09	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8702 Advanced Dental Assistant

Perform duties as general dental assistant to include reversible operative dentistry and prosthodontic procedures, clinical infection control procedures, application of pit and fissure sealants and anti-cariogenic agents. Provide auxiliary support to dental hygienist, polishing restorations, carrier's prevention treatments and instructions and advanced patient management and administrative skills.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-330-1100	CDP: 9970
Sequence Code: 1		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8708 Dental Hygienist

The dental hygienist will have the knowledge and clinical competence required to provide current, comprehensive dental hygiene service under the direction and supervision of a dental officer. Dental hygiene includes but is not limited to: clinical infection control procedures; data gathering; exposing and processing radiographs; dental hygiene assessment/dental hygiene treatment planning; oral health education including health promotion, disease prevention, behavior modification and nutritional counseling; cleaning removable appliances and prostheses; polishing restorations; provision of therapeutic dental hygiene services including, but not limited to, periodontal scaling and root planning; application of pit and fissure sealants and anticariogenic agents (fluorides); application of chemotherapeutic agents; pain control and other patient services as identified by the dental officer; and evaluation of dental hygiene services.

Source Rating: HM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: B-330-0038	CDP: 312M, 312L
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program, 2) maintains current and unrestricted state/territorial licensure, and 3) is a dental hygienist with documented current clinical competency.

HM-8752 Dental Laboratory Technician, Basic

Performs basic and intermediate level prosthetic laboratory procedures. Fabricates and finishes dental prostheses: complete dentures, removable partial dentures and other prescribed protective and restorative intraoral appliances. Repairs, reconstructs and relines dental prostheses. Conducts routine and prescribed equipment maintenance.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-331-0016	CDP: 3258
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

HM-8753 Dental Laboratory Technician, Advanced

Performs and supervises procedures and techniques required in the construction of complex and precision dental prostheses: fixed partial dentures, porcelain fused to metal systems, dental ceramic arts, precision attachment prostheses and the arrangements of artificial teeth for aesthetic, phonetic and functional requirements. Coordinates technical and clinical application and dental technology training.

Source Rating: HM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: B-331-0017	CDP: 325A
Sequence Code: 3		NR Ind: R
Component NEC: 8752	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTE: NEC may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the National Board for Certifying Dental Laboratory Technologists or Dental Assisting National Board, and 2) is a dental laboratory technician with documented current clinical competency.

HM-8765 Dental Laboratory Technician, Maxillofacial

Assists the maxillofacial prosthodontist in the clinical and technical procedures required to fabricate prostheses and appliances for oral, craniofacial and other anatomical defects. Constructs and finishes ocular, extraoral, intraoral and somato prostheses of silicone and other related materials. Designs and constructs stone, metal and/or silicone molds for prosthetic rehabilitation procedures. Performs other intermediate and advanced level prosthetic laboratory techniques and procedures as prescribed. Liaisons with and assists other medical/dental specialists in related disciplines.

Source Rating: HM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-331-0018	CDP: 3314
Sequence Code: 3		NR Ind: R
Component NEC: 8753	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

AVIATION INITIAL

Selected Reserve (SELRES) personnel may earn these NECs via completion of applicable Reserve Job Qualification Requirements (RJQR) syllabus.

8800 Aviation Maintenance/Production Chief

Supervises organizational and intermediate level maintenance on the Naval aircraft, aircraft components, aircraft engines, ground support equipment and Aviators Life Support Systems.

Source Rating: AF, AT, AE, AO, AM, AD, AV, AZ, AS, AME, PR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: C-600-3210	CDP: 5360, 5361, 5362, 5365
Sequence Code: 2		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8805 C-2/E-2 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the C-2 and E-2C aircraft.

Source Rating: AT, AM, AD	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-601-9471 (AD) C-602-9476 (AM)	CDP: 598U (AD) 598W (AM)
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. This NEC applies to Group Zero and Group II E-2C aircraft for the AM rating.
2. AD training applies to the T-56-A-425 engine.

8806 E-2C Group II Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the E-2 aircraft.

Source Rating: AD, AE, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0328 (P/L) (AT) C-601-9134 (P/L) (AD) C-602-0353 (P/L) (AE)	CDP: 325F (AT) 599B (AD) 325C (AE)
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8807 MH-60R Electronics Systems Organizational Initial Maintenance Technician
Performs avionics organizational level maintenance on the MH-60R aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-3408 (P/L)	CDP: 03X0, 03X1
Sequence Code: 6	ESTB Date: REV Date: 6/14/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8808 MH-60S Electronics Systems Organizational Initial Maintenance Technician
Performs avionics organizational level maintenance on the MH-60S aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0828 (P/L)	CDP: 660J, 745L
Sequence Code: 6	ESTB Date: REV Date: 6/14/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8809 E-6B System Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the E-6B aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-6145 (P/L)	CDP: 3549
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8810 EA-6B Electronic Counter Measures (ECM) System Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the EA-6B ECM system.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-1820 (P/L)	CDP: 962P
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Secret Clearance required.

8816 E-2C Hawkeye 2000 Systems Organizational Initial Maintenance Technician

Performs Organizational Maintenance on the E-2C Hawkeye 2000 aircraft configuration/modified avionics and electrical systems. The modified systems consist of a Mission Computer Upgrade (MCU) CP-2319/ASQ, Advanced Control Indicator Set (ACIS) AN/ASQ-225, Data Loader Recorder (DLR) RD-664/ASH, and Navigation Upgrade System (NAV UPGRADE) that includes dual Carrier Aircraft Inertial Navigation System (CAINS II) AN/ASN-139, Standard Automatic Flight Control System (SAFCS) AN/ASW-50, Standard Central Air Data Computer (SCADC) CP-140/U, Digital Data Communications Set (RT—1379A/ASW), Upgraded Multifunction Control Display Units (MFCDU), and the Global Positioning System (GPS). Other systems currently include the Joint Tactical Information Distribution System (JTIDS) and APS-145 Radar with the Cooperative Engagement Capability (CEC) AN/USG-3 system.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-9470(P/L)	CDP: 06YM
Sequence Code: 6	ESTB Date: REV Date: 7/22/09	NR Ind: A
Component NEC:	Related NEC: 8806	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Secret security clearance required.

8819 P-3 Systems Organizational Initial Maintenance Technician

Performs organizational apprentice level maintenance on the P-3 aircraft.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-1029 (P/L) (AT)	CDP: 579M, 962J (AT)
	C-601-9532 (AD)	598E, 598F (AD)
	C-602-1054 (P/L) (AE)	579R, 962M (AE)
	C-603-9530 (AM)	598J, 598K (AM)
Sequence Code: 6	ESTB Date: REV Date: 9/2/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8820 E-2D Aircraft Systems Organizational Initial Maintenance Technician

Performs Organizational Maintenance on the E-2D Aircraft with new engines, hydraulic, electrical, and avionics systems.

Source Rating: AD, AE, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: See Note 1	CIN: C-601-9126 (AD)	CDP: 05TL (AD)
	C-602-9488 (AE)	07AL (AE)
	C-102-9475 (AT)	07AK (AT)
Sequence Code: 6	ESTB Date: 2/25/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC is awarded through factory (cadre) and FIT-coordinated Transition training pending CNATTU Ready For Training (RFT).
2. AE and AT ratings require a Secret Security Clearance.

8830 P-8A Aircraft Systems Organizational Initial Maintenance Technician

Performs Organizational Maintenance on the P-8A Aircraft systems: Airframes/Hydraulics, Avionics, Electrical, Environmental Control, Ordnance, and Power Plants.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: (AD) C-601-4201	CDP: 07HU
	(AE) C-602-4201	07HW
	C-602-4204	07HZ
	(AM) C-603-4301	07J1
	(AT) C-102-4201	07HR
	C-602-4204	07HZ
	C-600-4201 (See Note 1)	07HT
Sequence Code: 6	ESTB Date: 8/27/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. CIN/CDP C-600-4201/07HT required for all Source Ratings.
2. AE and AT Source Ratings must be eligible for Secret security clearance.

8832 EA-6B Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the EA-6B aircraft.

Source Rating: AT, AD, AM, AE, AME	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-1827 (P/L) (AT)	CDP: 962N (AT)
	C-601-9740 (P/L) (AD)	701E (AD)
	C-602-1853 (P/L) (AE)	962S (AE)
	C-602-9739 (P/L) (AME)	701F (AME)
	C-602-9740 (P/L) (AM)	701G (AM)
	C-601-9741	457H
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

AT-8840 F/A-18E/F Block 2 Avionics System Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18E/F upper LOT 27, 28, 30 and above aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0099	CDP: 979H, 979J
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC: 8841	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8841 F/A-18E/F Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18E/F aircraft.

Source Rating: AT, AE, AM, AME, AD, AO	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0623 (P/L) AT	CDP: 2704 (AT)
	C-102-0625 (Diff Course)	736S, 9278
	C-601-9976 (P/L) AD	283D, 401R (AD)
	C-601-9977 (Diff Course)	623F, 9265
	C-602-0654 (P/L) AE	767Y, 2696 (AE)
	C-602-0655 (Diff Course)	736U, 9282
	C-602-9980 (P/L) AME	2876, 4029 (AME)
	C-602-9982 (Diff Course)	623G, 9270
	C-603-9976 (P/L) AM	4033, 293V (AM)
	C-603-9977 (Diff Course)	623J, 9271
	C-646-0655 (P/L) AO	736X, 9325 (AO)
	C-646-0642 (P/L)	265Z, 7685
Sequence Code: 6		NR Ind: A
Component NEC: (See Note)	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. The F/A-18 E/F difference training pipeline requires component NEC 8842.
2. Personnel will retain previously earned Component NEC (8842) upon being awarded NEC 8841.

8842 F/A-18 A/B/C/D Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18 A/B/C/D aircraft.

Source Rating: AD, AE, AME, AM, AO, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0622 (P/L) (AT)	CDP: 0363, 962V (AT)
	C-601-9973 (P/L) (AD)	1181, 700J (AD)
	C-601-0003 (P/L)	970V, 972W
	C-602-0652 (P/L) (AE)	0360, 962X (AE)
	C-602-9973 (P/L) (AME)	1200, 700N (AME)
	C-603-9973 (P/L) (AM)	1214, 700R (AM)
	C-646-0654 (P/L) (AO)	0289, 963A (AO)
	C-646-0653 (P/L)	0339
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8843 E-6 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on all E-6 series aircraft.

Source Rating: AD, AE, AM	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-601-3500 (P/L) (AD) C-602-1952 (P/L) (AE) C-603-3501 (P/L) (AM)	CDP: 701A (AD) 0714 (AE) 701J (AM)
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8876 SH-60B (LAMPS MK III) System Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the SH-60B (LAMPS MK III) aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0820 (P/L) C-102-0089 (P/L)	CDP: 3723, 567H, 986X 974T
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

8878 H-60 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on all T/M/S of the H-60 aircraft.

Source Rating: AT, AE, AM, AD	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0823 (P/L) (AT) C-102-0086 (P/L) C-602-0855 (P/L) (AE) C-602-0024 (P/L) C-603-9408 (P/L) (AM) C-603-0004 (P/L) C-601-9408 (P/L) (AD) C-601-0024 (P/L)	CDP: 567V, 595C (AT) 973U, 595E, 2478, 568D (AE) 973W, 597G, 597H, 753V (AM) 971R, 973P 597C, 597D, 7554 (AD) 971P, 973S
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N889)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Applies to SH-60F/HH-60H aircraft for AT and AE personnel.

AE-8885 MH60R/S Electrical Systems Organizational Initial Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Rating: AE	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-602-0858(P/L)	CDP: 660H, 745K
Sequence Code: 6	ESTB Date: 2/23/10 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

INDIVIDUAL AUGMENTEE

90BC GWOT Support Assignment-Basic Combat Unit Member

Completion of training and experience as a Basic Combat Unit Member. Members are qualified in M16 and M9 and familiar with various small arms weapons. Graduates have also obtained a license for HMMWV and have been familiarized with other tactical vehicles. Graduates of this course have been educated in land navigation, qualified in a Ground Assault Course, Entrance Control Point procedures, Quick Reaction Force tactics, Forward Operating Base operations and can defend against a level one threat. They obtain the knowledge of identifying foreign weapons systems and their capabilities. Members are also knowledgeable of the current standards of conduct for detainee operations and detention definitions. Graduates are also Combat Life Saver qualified. Efforts lead to greater stability and security in the Global War on Terrorism.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90CA Expeditionary Force – Maritime Civil Affairs

Successfully completes Maritime Civil Affairs Basic Individual Training (BIT) requirements and one full FRTP cycle assigned as a Maritime Civil Affairs Staff Planner or Team Member working in support of Civil Military Operations. Capable of conducting or supporting Civil Military and Interagency operations in permissive and non-permissive environments.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: See Note 2	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: MCAG	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by formal training via Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Maritime Civil Affairs Combat Skills Qualification course or Navy Individual Augmentee Combat Training. Followed by Maritime Civil Affairs Generalist course or formal US Army Civil Affairs course (28 days) or both Maritime Civil Affairs Operations and Planning course and Maritime Civil Affairs Operations and Interagency course.
3. Complete an operational Civil Affairs deployment.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90CR GWOT Support Assignment-Counter Rocket Artillery and Mortar (C-RAM)

Completion of training in Counter Rocket Artillery and Mortar (C-RAM) (Truck Mounted CWIS) Full Platoon. Graduates will be able to perform critical tasks required for the operation and maintenance of the Forward Area Air Defense (FAAD) C41 equipment in support of Short Range Air Defense (SHORAD) weapon systems and the maneuvering forces. Efforts lead to increased security and stability in support of the Global War on Terrorism.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 1121, 1122, 1127	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90CS Expeditionary Force - Combat Skills

Obtains necessary individual knowledge, skills and abilities to perform basic/combat first aid, don and wear Individual Combat Equipment (ICE), and Chemical, Biological and Radiological (CBR) gear in order to function safely in a field CBR/Nuclear (CBRN) environment. Learns basic land navigation, basic radio communications procedures and reports, Counter-Improvised Explosive Device(C-IED) recognition and basic convoy fundamentals. Performs small arms range live fire training and ammunition handling safely with minimum risk. Demonstrates proficiency in and qualifies on primary and secondary weapons. Performs basic movement while engaging targets and transitions from primary to secondary weapon. Understands psycho/physiological effects induced during deadly force or life-threatening confrontations and learns methods to effectively minimize their impact on engagement decision making during Judgment-Based Engagement Training (JET), using computer-based and training ammunition exercises in a controlled environment.

Source Rating: ALL	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: See Note 1	CIN: See Note 1	CDP:
Sequence Code: 9	ESTB Date: REV Date: 2/22/10	NR Ind: A
Component NEC:	Related NEC: 90CA, 90ET, 90DO, 90DS, 90IE, 90IF, 90LG, 90LS, 90UN, 90UV	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CSF	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by formal training via Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020 - prior to 1 FEB 09) or SEABEE Replacement Training plus Basic Combat Skills II (prior to 1 OCT 09) or EOD Tactical Training (CIN: S-431-0119 - prior to 1 OCT 09).
2. Submit NAVPERS 1221/6 to PERS-4013 for award.

90CD GWOT IA/ILO Training for Civil Affairs/Provincial Reconstruction

Completion of training to become a member of Civil Affairs and Provincial Reconstruction Team (PRT). Eligible to receive orders in support of U.S. Army in combat zones around the world, which provide civil affairs and provincial reconstruction to assist local in-country government authorities. Provincial Reconstruction Teams assist in establishment of basic services in order to meet the needs of local populations. Efforts lead to increased local security, urban infrastructure growth and economic stability.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/1/09	NR Ind: A
Component NEC:	Related NEC: 90CA	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC N7	ECM: BUPERS-32

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90DO Expeditionary Force Detainee Operations GITMO

Personnel will be familiar with detainee camps standard operating procedures; unarmed self-defense; Detainee Information Management System (DIMS); Islamic cultural awareness; forced cell extractions (FCE); escort operations; and restraints application. Personnel will be capable of providing safe, humane care and custody of enemy combatants, collect intelligence for law enforcement and war crimes investigations and execute detainee operations missions in support of Joint Task Force, Guantanamo Bay, Cuba.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: See Note 2	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90DS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NEGB	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by formal U.S Army training via Fort Lewis, Washington. Personnel will undergo 19 day company, platoon, and squad level training model that includes a one day detainee camp operations Situational Training Exercise (STX) per camp immediately followed by two additional days of Mission Readiness Exercise (MRX) in each camp for a total of nine days of STX/MRX for the company. Completed indoctrination and screening at CBC Gulfport, MS and Detention Operations Training by U.S. Army in Fort Lewis, Washington for permanent or temporary duty at Navy Expeditionary Guard Battalion, Guantanamo Bay, Cuba.
3. 6 months OJT required for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90DP GWOT IA/ILO Detainee Operations-Alternate

GWOT IA/ILO personnel receiving orders, via the U.S. Army Detainee Operations Training Center, to perform detainee operations at Fort Suse, Iraq, or Guantanamo Bay, Cuba. Sailors that have NOT done a "boots on the ground" tour can earn this NEC.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: N
Component NEC:	Related NEC: 90DO	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90DS Expeditionary Force Detainee/Confinement Operations - Deployed

Training and experience in U.S. Army Detainee Operations Training Center, to perform confinement operations in forward deployed locations, other than Guantanamo Bay, Cuba. Upon completion, personnel will be familiar with detainee camps standard operating procedures; unarmed self-defense; Detainee Information Management System (DIMS); Islamic cultural awareness; forced cell extractions (FCE); escort operations; and restraints application. Personnel will be capable of providing safe, humane care and custody of enemy combatants, collect intelligence for law enforcement and war crimes investigations and execute detainee operations missions.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: See Note 2	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training. Followed by Formal U.S Army Detainee Operations Training at FT Bliss and FT Lewis.
3. 6 months OJT required for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90DT GWOT IA/ILOConfinement Operations-Non Deployed

GWOT IA/ILO personnel receiving orders, via the U.S. Army Detainee Operations Training Center, to perform confinement operations at Fort Suse, Iraq or Guantanamo Bay, Cuba. Sailors that have NOT done a "boots on the ground" tour can earn this NEC.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: N
Component NEC:	Related NEC: 90DS, 9575, 2008	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90ES GWOT IA/ILO Embedded Military Mobile Training Team, Not Deployed

Completion of training to become member of Embedded Military Mobile Training Team. U.S. Navy GWOT IA/ILO personnel eligible to receive orders in support of U.S. Army to combat zones around the world, which provide military training to in-country government security forces. Embedded Military Mobile Training Teams assist government security force efforts to increase regional stability to support local populations and stabilize infrastructure growth.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90ET	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90ET

90ET Expeditionary Security Force Advisor/Trainer

Training and experience as a member of a foreign military Mobile Training Team (MTT)/Embedded Training Team (ETT), deployed to provide support of COCOM Security Force Assistance (SFA), Security Assistance (SA) and Security Cooperation (SC) programs. Assists in Partner Nation (PN) development in basic to intermediate level skills inherent to internal security and stability.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ETC	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by completion of either Embedded Training Team pipeline training or completion of Expeditionary Training Command (4587A) training requirements.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.

90IE Riverine Patrol Boat Operator/Crewman

Performs as a Riverine Combatant Crewman tactical coxswain, the basic operation and maintenance of various Riverine Patrol Craft while assigned to a Riverine Squadron. Operates from riverine and other restricted water areas. Emphasis on small boat safety, handling, operation, navigation, communications, maintenance, tactical employment and other individual and collective skills unique to the Riverine Craft operations throughout the spectrum of riverine warfare missions within Riverine Force.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note 2	CIN: See Note 2	CDP:
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: No
Primary Advisor: NECC	Technical Advisor: RIVGRU/CSF	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training plus Basic Combat Skills II. Followed by Riverine Crewman, Level II Coxswain O & T course (CIN: A-062-0052).
3. 1 year OJT for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90IF Riverine Small Craft Maritime Interdiction Operations

Perform basic and advanced Maritime Interdiction Operations (MIO), Equipment Familiarization, Boarding Techniques and the use of Force Continuum, Deadly Force Restrictions and Guidelines Effective Communications Procedures, Combative Tactics, Immediate Action Drills (SOPS) MIO Team Tactics and Firearms procedures and proficiency, Combat Medicine, Mission Planning, Detainee/Prisoner Handling procedures, Craft Familiarization, Full mission Profile scenarios (night/day), Human Intelligence collection procedures, Close Quarters Combat.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note 2	CIN: See Note 2	CDP:
Sequence Code: 6		NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: No
Primary Advisor: NECC	Technical Advisor: RIVGRU/CSF	ECM: BUPERS-32

NOTES:
1. All ratings.
2. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training plus Basic Combat Skills II. Followed by Riverine Small Craft Maritime Interdiction Operations Team Trainer - Advanced course (CIN: A-840-0397).
3. 1 year OJT for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90IM GWOT IA/ILO Intelligence Support, Not Deployed

Completion of training in order to become member of an Intelligence Support Team. GWOT IA/ILO personnel completing training orders to support U.S. Army, in combat zones around the world, which provide intelligence analysis and tactical support in the prosecution of the Global War on Terror, will earn this NEC. Intelligence provides useful information for commander's at the tactical and operational levels in conflict. Intelligence analysis is crucial to success in combat operations.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90IN	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90IN

90IN GWOT IA/ILO Intelligence Support

Training and experience as a member of Intelligence Support Team. GWOT IA/ILO personnel executing orders in support of U.S. Army, in combat zones around the world, which provide intelligence analysis and tactical support in the prosecution of the Global War on Terror, will earn this NED. Intelligence provides useful information for commanders at the tactical and operation levels in conflict. Intelligence analysis is crucial to success in combat operations.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90IM	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90IT GWOT IA/ILO Detainee Operations Interrogator

Training and experience as an interrogator for detainee operations. GWOT IA/ILO personnel executing orders in support of U.S. operations for handling detainee interrogation procedures. Efforts are critical to future prosecution of the Global War on Terror.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90IU	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90IU GWOT IA/ILO Detainee Operations Interrogator Trainee

Training completed to become an interrogator for detainee operations. GWOT IA/ILO personnel who have completed training in support of U.S. operations for handling detainee interrogation procedures. Interrogation training is critical to future prosecution of the Global War on Terror.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90IT	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90IT.

90JS GWOT/IA Joint Special Operations Task Force Member-Deployed

Training and experience as a member of a forward deployed Joint Special Operations Task Force in support of the Global War on Terror in combat zones around the world. Personnel provide logistic and operational support to battlefield commander. Support personnel perform duties related to intelligence, communications, logistics, and operations.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E3-E9
Course: See Note 2	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: JSOC USN/HRE	ECM: Pers 40

NOTES:
1. NEC will be awarded retroactively to the start of CY07.
2. NEC is awarded based on completion of organic unit training prior to deployment to support a Joint Special Operations Task Force, to identify personnel who have received unique Joint Special Operations experience.

90LG Expeditionary Force Logistic Support - Deployed

Training and experience as a member of a forward deployed Expeditionary Logistics Support team, in combat zones around the world, which provides logistic requirements to theater commander operations. Expeditionary Logistic Support Technicians perform duties to meet procurement, maintenance and transportation of military material, facilities and personnel.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 9570	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NAVELSG TEU	ECM: BUPERS-32

NOTES:
1. All ratings.
2. Expeditionary Combat Skills (CIN: A-830-0030) or Basic Cargo Handling (CIN G-060-2010) or Basic Air Cargo Handling (CIN: G-060-2030) or Advanced Cargo Handling (CIN: G-060-2020) or Advanced Air Cargo Handling (CIN: G-060-2102) or Cargo Supervisor (CIN: G-060-2040) or pre-deployment training by Expeditionary Logistics Support Group.
3. A forward deployment with a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90LS Expeditionary Force Logistic Support - Not Deployed

Training and experience as a member of an Expeditionary Logistics Support team, which provides logistic requirements to theater commander operations. Expeditionary Logistic Support technicians perform duties to meet procurement, maintenance and transportation of military material, facilities and personnel.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 9570, 90LG	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NAVELSG TEU	ECM: BUPERS-32

NOTES:
1. All ratings.
2. Expeditionary Combat Skills (CIN A-830-0030) or Basic Cargo Handling (CIN G-060-2010) or Basic Air Cargo Handling (CIN G-060-2030) or Advanced Cargo Handling (CIN G-060-2020) or Advanced Air Cargo Handling (CIN G-060-2102) or Cargo Supervisor (CIN G-060-2040) or pre-deployment training by Expeditionary Logistics Support Group.
3. NEC is removed when member becomes eligible for 90LG
4. Service in a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT, 1 year required for NEC.
5. Submit NAVPERS 1221/6 to PERS-4013 for award.

90MM GWOT IA/ILO Multi-National Force, Not Deployed

Completion of training to become member of Multi-National Force. GWOT IA/ILO personnel completing training orders to support a Multi-National Force Commander, in combat zones around the world, which provide manpower for the Global War on Terrorism.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC: See Note 2	Related NEC: 90MN	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90MN.

90MN Individual GWOT IA/ILO Multi-National Force

Training and experience as a member of a Multi-National Force. GWOT IA/ILO personnel executing orders in support of Multi-National Force Commander in combat zones around the world, which provide manpower in the Global War on Terrorism.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC: N/A	Related NEC: 90MM	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90MP GWOT Support Assignment-Military Police (Law and Order Specialist)

Completion of training and experience as military police. Members will obtain skills in communications, intelligence gathering, traffic control and checkpoints, and law enforcement tasks. Efforts lead to increased local security, urban infrastructure growth and economic stability.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 4G

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90MT GWOT Support Assignment-Military Transition Team/Iraq Assistance Group

Completion of training as a member of the Military Transition Team in the Iraq Assistance Group Mission. Team members have been educated to understand and mentor Iraqi Forces in the goal of developing the Iraqi Security Forces for security of their country. Team members are knowledgeable in various aspects of Mid-East and Iraqi culture and ways of life, including the procedures of the Iraqi soldiers and military. Members have obtained tactical techniques in dealing with detainees. MTT's are certified Field Ordering Officers and Paying Agents. Military Transition Teams are knowledgeable in the latest IED trends in teaching ISF to defeat those threats. Efforts lead to increased local security, urban infrastructure growth, and economic stability in support of the Global War on Terrorism.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90ET	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90NI GWOT IA/ILO Combat Training (NIACT)-Deployed

GWOT IA/ILO personnel receiving orders to support the U.S. Army in combat zones around the world are provided combat survival skills training in convoy operations, forward operating base force protection, security procedures and urban combat operations. Sailors must have done a "boots on the ground" tour to earn this NEC.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: N
Component NEC: N/A	Related NEC: 90NJ	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90NJ GWOT IA/ILO Combat Training (NIACT)-Not Deployed

GWOT IA/ILO personnel receiving orders to support the U.S. Army in combat zones around the world are provided combat survival skills training in convoy operations, forward operating base force protection, security procedures and urban combat operations. Sailors that have NOT done a "boots on the ground" tour can earn this NEC.

Source Rating: All	Billet Paygrades: N/A	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: N
Component NEC: N/A	Related NEC: 90NI	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90SI Individual GWOT IA/ILO Signal Intelligence Gathering

Training and experience as a member of the Signal Intelligence Team will be awarded this NEC. GWOT IA/ILO personnel executing orders in support of U.S. Army, in combat zones around the world, which provide signal intelligence gathering capabilities in the prosecution of the Global War on Terror, will earn this NEC. Signal Intelligence provides useful information for commanders at the tactical, operational and strategic levels in conflict. Efforts to exploit signal gathering are crucial to success in intelligence analysis.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC: N/A	Related NEC: 90SJ	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90SJ Individual GWOT IA/ILO Signal Intelligence Gathering, Not Deployed

Completion of training to be a member of the Signal Intelligence Team will be awarded this NEC. GWOT IA/ILO personnel receiving training to support U.S. Army, in combat zones around the world, which provide signal intelligence gathering capabilities in the prosecution of the Global War on Terror. Signal Intelligence provides useful information for commanders at the tactical, operational and strategic levels in conflict. Efforts to exploit signal gathering are crucial to success in intelligence analysis.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC: See Note 2	Related NEC: 90SI	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90SI

90SN Individual GWOT IA/ILO Special Operations Support, Not Deployed

Completion of training to be a member of a Special Operations Support Team. GWOT IA/ILO personnel complete training orders in support of U.S. Special Operations, in combat zones around the world, which provide logistic and other types of support to theater operations will earn the NEC. Special Operation support technicians perform duties in order to meet procurement, maintenance and transportation of special operations material, facilities and personnel.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC: N/A	Related NEC: 90SP	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

90SP Individual GWOT IA/ILO Special Operations Support Team

Training and experience as a member of a Special Operations Team. GWOT IA/ILO personnel executing orders in support of U.S. Special Operations, in combat zones around the world, which provide logistic and other types of support of theater operations, will earn the NEC. Special Operation support technicians perform duties in order to meet procurement, maintenance and transportation of special operations material, facilities and personnel.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: N
Component NEC: See Note 2	Related NEC: 90SN	Open to Women: Yes
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. NEC is removed when member becomes eligible for 90SN.

90UE GWOT Support Assignment-Shadow Unmanned Aircraft System (UAS) Electronics Maintenance Specialist

Completion of training and experience as a Shadow Unmanned Aircraft System (UAS) Electronic Maintanance Specialist. Members obtain the skills required to effectively perform maintenance, inspections, assembly, disassembly, troubleshooting, use of Shadow Unmanned Aircraft System (UAS) special tools and test equipment to include direct support level electronic repair. Member also conducts maintenance/repair on launch/recovery equipment, mission planning station, ground control stations, ground data terminal, air vehicle avionics, airborne data relay, day camera and FLIR modular mission payloads, and electronics. Efforts lead to increased security and stability in support of the Global War on Terrorism.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 8361	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

90UN Expeditionary Force - Unmanned Systems (UAV/USV/USG) Maintenance

Training and experience in unmanned system (UAV/USV/USG) Maintenance. Member obtains the skills and knowledge to troubleshoot and repair the UAV/USV/USG control systems, fuel systems, electrical systems, launcher associated ground support equipment, and power plant (mechanical engine).

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90CS, 90UV	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: MESF/RIVGRU	ECM: BUPERS-32

NOTES:
1. All ratings
2. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training.
3. 1 year OJT for NEC
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

90UV Expeditionary Force - Unmanned Systems (UAV/USV/USG) Operator

Conducts reconnaissance and surveillance missions; operate sensors for target detection; plan and analyze flight missions; deploy and re-deploy ground and air systems; operate and perform operator level maintenance, assembly and disassembly on communication equipment, power sources, light wheeled vehicles, ground control stations, ground data terminals, portable ground control stations, portable ground data terminals, transport, launch and recovery trailer, tactical landing system.

Source Rating: ALL	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9		NR Ind: A
Component NEC:	Related NEC: 90CS, 90UN	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: MESF/RIVGRU	ECM: BUPERS-32

NOTES:
1. All ratings
2. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training.
3. 1 year OJT for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.

CRYPTOLOGIC TECHNICIAN

CTT-9102 National OPELINT Analyst

Joint service personnel perform analysis and reporting of all-source information for tactical and strategic commanders in support of battle force and national intelligence objective. Analysts will operate GENSER and Special Compartmented Intelligence (SCI) processing, transmission, analysis, and storage systems to include Tactical Data Distribution System (TDDS), Standard TRE Display (STRED), GALE-LITE, INTELINK, WRANGLER, and Global Command and Control System-Maritime (GCCS-M). Analysts will also be knowledgeable of capabilities, limitations, tasking, and validation processes of various national and conventional intelligence collections and processing systems. Although analysts will primarily use ELINT data, they will have received training in fusing ELINT with COMINT, IRINT, IMINT, RADINT, and PROFORMA information as well.

Source Rating: CTT	Billet Paygrades: E1-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-231-0076	CDP: 477S
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTR-9105 C2 Tactical Analysis Technician

Performs analysis of Communications and Electronic Signals in support of Information Warfare/Command and Control Warfare (IW/C2W) in order to gain and maintain information superiority.

Source Rating: CTR	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-231-0096	CDP: 713Y
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women : Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Requires TS clearance based on SSBI with SCI access.

CTT-9106 Advanced Operational Electronic Intelligence (OPELINT) Non-Communications Collection and Analysis Technician
Performs advance measurements on non-communications signals using various tactical data processing equipment. Determines and manages required non-communications collection procedures and priorities.

Rating: CTT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: See Notes	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/13/10 REV Date:	NR Ind: N
Component NEC: 9102	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: CYBERFOR (N13)	ECM: BUPERS-326

NOTES:
1. Must possess a Top Secret/Sensitive Compartmented Information security clearance.
2. NEC will be awarded to graduates of the 3-year Military OPELINT Signals Analyst Program. Satisfaction of the requirements are stated and verified as part of the application package.
3. Individuals must have completed at least one tour as an Intermediate non-communication OPELINT analyst and have completed/recompleted EA-183 Math for Signals Intelligence within 1-year prior to assignment to the course.

CTR-9131 Combat Direction Finding System (AN/SRS-1) Operator
Operates the AN/SRS-1 equipment as an integral part of Electronic Warfare Support Measures.

Source Rating: CTR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-231-0089	CDP: 367Y
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTR-9132 Afloat Cryptologic Manager
Supervises SSEE, SRS-1 personnel and equipment.

Source Rating: CTR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: A-3B-0029	CDP: 0096
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9134 Subsurface Augmentee Operator
Operates subsurface systems, applying complex intercept techniques and prescribed recording and reporting procedures.

Source Rating: CTR, CTI	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: See Note	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/6/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVYCYBERFOR (N13)	ECM: BUPERS-327

NOTE: NEC is earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

CTT-9135 Subsurface Augmentee ELINT Operator
Operates the AN/USQ-149(V)2 and current ancillary systems, applying complex intercept techniques and prescribed recording and reporting procedures.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory (See Note)	CIN: A-233-0125	CDP: 968T
Sequence Code: 4	ESTB Date: REV Date: 12/6/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVYCYBERFOR (N13)	ECM: BUPERS-327

NOTE: Course requirement is waiverable. NEC can be earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

CTR-9136 Tactical Exploitation System (TES) Operator
Performs mobile cryptologic operator duties. Operates AN/SSQ 124 (4) Tactical Exploitation System.

Source Rating: CTR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-231-0065	CDP: 630R
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTR-9138 Journeyman Analysis and Reporting Specialist
Performs in-depth current and term analysis, reports real time or historical activities for fleet or national mission support, manipulates computerized data bases, produces finished summary reports and other support by integrating multi-source input, preliminary screening performed by primary sources, own analysis of raw or semi-processed information and tactical analytic products. Adjusts station operations tasking.

Source Rating: CTR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-232-0074	CDP: 3859
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT-9141 Intermediate Technical ELINT (TECHELINT) Analysis Technician
Performs measurements on noncommunications signals using analog equipment and determines required noncommunications collection and analysis procedures and priorities.

Source Rating: CTT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-231-0016	CDP: 916P, 644U
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Personnel must complete EA-279 and EA-280 to earn NEC 9141.

CTR-9147 Intermediate Signals Analyst
Performs acquisition, analysis and reporting of state-of-the-art communications signals at the intermediate level.

Source Rating: CTR	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-232-0451	CDP: 028Y
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTES:
1. Successful completion of the National Cryptologic School Course, “Math for SIGINT” (EA-183) is required prior to attending A-232-0451.
2. NEC will also be awarded to individuals upon successful completion of the Military COMINT Signals Analyst Program (MCSAP).

CTR-9149 Advanced Signals Analyst
Performs advanced acquisition, analysis and reporting of state-of-the-art communications signals.

Source Rating: CTR	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-232-0452	CDP: 4375
	A-231-0044	6301
Sequence Code: 3		NR Ind: N
Component NEC: 9147	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Must have completed a tour in non-Morse operations, and completed one shore tour in Signal Search and Development. The Signal Search and Development tour must be completed immediately prior to attending A-232-0452 course.

CTR-9150 Maritime Cryptologic Systems (Ship's Signal Exploitation Equipment – SSEE) Operator
Perform mobile cryptologic collection duties. Operates the SSEE Increment E (AN/SSQ-137) cryptologic system installed on U.S. Naval Combatants, in order to provide cryptologic combat support to warfare commanders.

Source Rating: CTR	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-231-0113	CDP: 9385
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTT-9168 Advance Non-communications Collection and Analysis Technician
Performs advance measurements on non-communications signals using analog and digital equipment. Determines and manages required non-communications collection procedures and priorities.

Source Rating: CTT	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC: 9141	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2C	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Individuals must have completed at least one year tour as an Intermediate non-communication signals analyst, and have completed/recompleted EA-183 Math for SIGINT within one year prior to assignment to the course. NEC will be awarded to graduates of the three-year Military ELINT Signals Analyst Program (MESAP).

CTR-9169 Morse Code Intercept Operator
Performs complex search and collection duties. Operates cryptologic collection systems comprised of radio receivers, recorders, computer terminals, and peripheral equipment.

Source Rating: CTR	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: A-231-0044	CDP: 6301
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9177 CLASSIC OWL Operator
Operates the AN/TSQ-161(V) and AN/TSQ-181(V) equipment at various sites in support of tasking.

Source Rating: CTR, IT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-232-0140	CDP: 659R
Sequence Code: 4		NR Ind: R
Component NEC: See Note	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: IT personnel must hold NEC CT-9185 to be eligible for NEC CT-9177.

IT-9178 NEWSDEALER Communications Operator
Operates NEWSDEALER communications system and equipment.

Source Rating: IT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

IT 9179 NEWSDEALER Managers Course

Manages the NEWSDEALER Message Switching System (MSS) and peripheral equipment. Responsible for system administration functions of the MSS including day to day management, system restorals/troubleshooting, network management of the communication LAN and message routing functions to ensure accurate and timely message routing.

Rating: IT	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN:	CDP:
Sequence Code: 3		NR Ind: A
Component NEC: 9178	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Must possess a TS/SI security clearance. NEC affects shore only.

IT-9185 Fleet Integrated Cryptologic Communications Systems

Operates both TACINTEL Subscriber and TLCF Communications System. Operator is proficient in shipboard system operations or Link Control Facility operations. Prepares outage logs and reports and maintains circuit quality.

Source Rating: IT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6, N20, (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

YN-9190 Special Security Assistant

Performs duties as assistant to the commanding officer on all matters pertaining to Sensitive Compartmented Information (SCI) security. Initiates and updates security clearance/access eligibility. Maintains Special Security Office (SSO) files. Prepares classified correspondence. Readies SCI material for electronic transmission and the Defense Courier Service (DEFCOS). Provides for and maintains accreditation of SCI facilities. Exercises control and accountability of all SCI material at the command.

Source Rating: YN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See Note	CIN: J-246-0984	CDP: 741A
Sequence Code: 3	ESTB Date: REV Date: 12/2/09	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: SSO Navy (ONI-52)	ECM: BUPERS-32

NOTE: Each candidate must complete Defense Intelligence Agency's SCI Security Officials Course (virtual or resident) provided by the Joint Military Intelligence Training Center or the SSO/SSR Professional Training Course (virtual or resident) provided by SSO Navy (ONI-522). Additionally, the following NKO Navy E-Learning Courses are required: 002SP0 - Security Policy and Procedures, 002AI01 - AIS Security, 002SC0 - SCI Administration, 002SS01 - SSO Administration. Upon completion of course requirements, the candidate must obtain Commanding Officer's recommendation utilizing the NEC Change Request Form (NAVPERS Form 1221/6 (06-06)). Forward NAVPERS Form 1221/6 along with course completion certificates to SSO Navy (ONI-522). ONI-522 will endorse and forward to NAVPERSCOM (PERS-4013) for proper awarding of NEC.

CTI-9192-9216 Basic Linguists

Performs duties requiring proficiency in a foreign language including use of grammar, basic, vocabulary, specialized technical and military vocabularies, and language working aids. Operates electronic equipment relating to audio digital files, computerized databases, and analytical systems.

NOTES:

1. The Defense Language Proficiency Test (DLPT) for CTI rating.

a. The DLPT is a Performance Test and CTIs must achieve a minimum language proficiency standard of level 2 in both reading and listening portions of the DLPT in the language which reflects their primary duty as determined by the member's Commanding Officer. To be eligible for promotion, all candidates competing for CTI2 through CTICS must achieve minimum proficiency at least once per paygrade. This requirement must be met prior to the actual advancement examination date.

b. Materials: Test materials, instructions and grading criteria are held by designated command DLPT control officers or may be obtained as required from NETPDTC, Code N321, 6490 Saufley Field Road, Pensacola, Fl. 32509-5237. The OPNAV Navy Foreign Language Office (N13F) can be contacted for additional information on obtaining appropriate examinations.

2. NEC Award Criteria.

a. CTI OBTAINING A SECOND LANGUAGE NEC: For obtaining second language NECs, a score of L2+/R2+ or better on a DLPT in the NEC language or completion of the basic language course is required. Demonstrated operational experience may also be necessary before approval of second NEC is granted. For primary language NECs 9197, 9201, 9203, and 9211 through 9213, 9215, and 9216, the requisite Secondary Basic Language Courses (Phase I & II) must be completed.

3. CTI CONVERTEE OBTAINING FIRST LANGUAGE NEC: Convertees will be awarded language NECs 9201, 9203, 9209, 9211, 9212, or 9216 upon completion of the requisite Basic Language Course. Technical Advisor may authorize awarding NECs based on demonstrated language proficiency; in these cases a score of L2+/R2+ or better on a DLPT in the NEC language is required.

4. WAIVER REQUIREMENTS: Waivers for scores on a DLPT less than L2/R2 will not be routinely granted. However, waiver requests will be considered on a case by case basis in view of personnel requests which may exist at time of request. Request should be submitted via PERS-4013D2, info OPNAV N13.

CTI-9192 Basic Thai Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-5029	CDP: 889N
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9193 Basic Indonesian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-5087	CDP: 048C
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9194 Basic Cambodian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9195 Basic Burmese Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Woman: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9196 Basic Maly Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9197 Basic Serbo-Croatian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-5024	CDP: 890G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9198 Basic Polish Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9201 Basic Russian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-6012, A-232-5012	CDP: 914F, 878A
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9202 Basic Tagalog Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-5015	CDP: 889D
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9203 Basic Spanish Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-6013, A-232-5013	CDP: 914G, 878B
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9204 Basic French Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN: A-232-6008, A-232-5006	CDP: 914B, 877W
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9206 Master Cryptologic Linguist

Personnel perform duties requiring near professional proficiency in foreign language, including use of grammar, vocabulary, specialized military and technical vocabularies, and language working aids. They supervise language-processing missions and perform quality control on language-derived materials.

Rating: CTI	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: See Notes	CIN:	CDP:
Sequence Code: 3		NR Ind: N/A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2C	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTES:
1. Achieve L3/R3 on Defense Language Proficiency Test (DLPT) within one year of applying for NEC.
2. Successfully complete the three-year Military Linguist Program, or successfully pass the NSA/CSS Professional Qualification Examination for their base language.
3. Must have TS/SI Security Clearance.

CTI-9207 Basic German Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-5017	CDP: 889F
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9208 Basic Albanian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9209 Basic Persian (Farsi) Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6011, A-232-5011	CDP: 914E, 877Z
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9211 Basic Chinese (Mandarin) Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6007, A-232-5007	CDP: 914A, 877V
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9212 Basic Korean Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6010, A-232-5010	CDP 914D, 877Y
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9213 Basic North Vietnamese Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6014, A-232-5014	CDP: 914H, 878C
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9215 Basic Hebrew Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6009, A-232-5009	CDP: 914C, 877X
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTI-9216 Basic Arabic Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-232-6006, A-232-5006	CDP: 913Z, 877U
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NECs may also be awarded based on DLPT L2+/R2+ or better.

CTM-9224 Tactical Exploitation System Maintenance
Performs organizational level maintenance on the AN/SQQ-124(V) Tactical Exploitation System (COBLU 1).

Source Rating: CTM	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-0066	CDP: 630Z
Sequence Code: 3	ESTB Date: REV Date: 7/13/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTM-9225 AN/SSQ-137 Ship's Signal Exploitation Equipment- SSEE Maintenance Technician
Perform mobile cryptologic maintenance duties. Maintains the SSEE Increment E (AN/SSQ-137) cryptologic system installed on U.S. Naval Combatants, in order to provide cryptologic combat support to warfare commanders.

Source Rating: CTM	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-5888	CDP: 964T
Sequence Code: 4	ESTB Date: REV Date: 7/13/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTM-9229 Submarine Carry-on Equipment Technician
Perform organizational level maintenance on submarine cryptologic carry-on equipment to include the Integrated Submarine Communications Receiving System (ISCRS) AN/ULR-21A(V), AN/USQ-149(V) and associated equipment.

Source Rating: CTM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-5599 (SNOOP) A-102-0116 (ISCRS)	CDP: 967P 01NN, 02FM
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CTI-9231 Basic Cryptolinguist
Possesses the ability to proficiently perform basic cryptologic language functions and missions.

Source Rating: CTI	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN:	CDP:
Sequence Code: 2		NR Ind: A
Component NEC:	Related NEC: 9201, 9203, 9209, 9211, and 9212., 9216	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Awarded through OJT.

CTI-9234 Multilingual-Cryptolinguist

Possesses the ability to proficiently perform cryptologic language analyst functions and missions in at least two languages.

Source Rating: CTI	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4		NR Ind: A
Component NEC: 9231	Related NEC: 9201, 9203, 9209, 9211, 9212. 9216	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Awarded based on more than one language proficiency based on DLPT.

CTM-9289 Combat Direction Finding System (SRS-1) Maintenance Technician

Performs organizational level maintenance of the Combat Direction Finding System to include OL-488/SRS-1 Data Management subsystem, OR-356/SRS-1 HFDF sub system, OR-357/SRS-1 VHF/UHF DT subsystem, CP-2057/SRS-1 Acquisition subsystem.

Source Rating: CTM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-102-0350	CDP: 367X
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9305 Basic Digital Network Analysis

Personnel will detect, react, and recover from disruption, denial, degradation or destructive attacks against computers and computer networks. Identify and extract digital intelligence from multiple layers of computer protocols containing various types of digital information conveyed over multiple transmission technologies. This NEC identifies entry-level skills in digital network analysis training.

Source Rating: CTN	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-531-0035	CDP: 639G
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9306 Network Operations (NWO)

Personnel will utilize operating system specific tools and a variety of software packages to evaluate network vulnerabilities, control network configurations and perform system and network integration among other actions. Read, write and execute scripts in various operating system and applications to achieve desired results. This NEC identifies specific intermediate level skills in digital network analysis training.

Source Rating: CTN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-531-0650	CDP: 761P
Sequence Code: 3		NR Ind: R
Component NEC: 9305	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9307 Network Analysis and Reporting (NAR)

Personnel will utilize specific tools, network data and a variety of software applications to perform network mapping, conduct network traffic analysis, and write/execute scripts. Identify network configurations, network site-specific operating procedures and policies from data analysis. This NEC identifies intermediate level skills in digital network analysis training.

Source Rating: CTN	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-531-0651	CDP: 761R
Sequence Code: 3		NR Ind: R
Component NEC: 9306	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

CT-9308 Navy Interactive ON-NET Operator

Navy Interactive ON-NET (ION) Operators use advanced software applications for network navigation and tactical forensic analysis.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 9305	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NEC is awarded upon graduation of Windermere Section 1 Tactical Digital Forensics Training.

CT-9309 Navy Interactive ON-NET Operator Trainer

Navy Interactive ON-NET (ION) Operators mentor ION Operators and prepare them to used advanced software applications for network navigation and tactical forensic analysis.

Source Rating: CTN	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 9308	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: NEC is awarded based on demonstrated network operations proficiency and training already required.

CTI-9310-9316 Basic Linguists

Performs duties requiring proficiency in a foreign language including use of grammar, basic, vocabulary, specialized technical and military vocabularies, and language working aids. Operates electronic equipment relating to audio digital files, computerized databases, and analytical systems.

NOTES:

1. The Defense Language Proficiency Test (DLPT) for CTI rating.

a. The DLPT is a Performance Test and CTIs must achieve a minimum language proficiency standard of level 2 in both reading and listening portions of the DLPT in the language which reflects their primary duty as determined by the member's Commanding Officer. To be eligible for promotion, all candidates competing for CTI2 through CTICS must achieve minimum proficiency at least once per paygrade. This requirement must be met prior to the actual advancement examination date.

b. Materials: Test materials, instructions and grading criteria are held by designated command DLPT control officers or may be obtained as required from NETPDTC, Code N321, 6490 Saufley Field Road, Pensacola, FL. 32509-5237. OPNAV Navy Foreign Language Office (N13F) can be contacted for additional information on obtaining appropriate examinations.

2. NEC Award Criteria.

a. CTI OBTAINING A SECOND LANGUAGE NEC: For obtaining second language NECs, a score of L2+/R2+ or better on a DLPT in the NEC language or completion of the basic language course is required. Demonstrated operational experience may also be necessary before approval of second NEC is granted.

3. CTI CONVERTEE OBTAINING FIRST LANGUAGE NEC: Convertees will be awarded language NECs 9201, 9203, 9209, 9211, 9212, or 9216 upon completion of the requisite Basic Language Course. Technical Advisor may authorize awarding NECs based on demonstrated language proficiency; in these cases a score of L2+/R2+ or better on a DLPT in the NEC language is required.

4. WAIVER REQUIREMENTS: Waivers for scores on a DLPT less than L2/R2 will not be routinely granted. However, waiver requests will be considered on a case by case basis in view of personnel requirements which may exist at time of request. Request should be submitted via PERS-4013D2, info OPNAV N13.

CTI-9310 Basic Bulgarian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9311 Basic Georgian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9312 Basic Kurdish Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9313 Basic Portuguese Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory-See Note	CIN: A-232-5023	CDP: 890F
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9314 Basic Romanian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

CTI-9315 Basic Ukrainian Linguist

Source Rating: CTI	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTE: Course is mandatory unless applicant already possesses proficiency in the subject language. Applicant may be awarded this NEC by achieving a minimum Listening and Reading proficiency of level 2+ (L2+/R2+) on the DLPT, or level 2 on an Oral Proficiency Interview (OPI) if no DLPT exists for this language.

9316 Basic Linguist
Maintains proficiency in a foreign language.

Source Rating: (See note 1)	Billet Paygrades: E1-E9	Personnel Paygrades: E1-E9
Course: (See note 2)	CIN:	CDP:
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTES:
1. NEC available for all ratings. Skill exists formally within the CTI rating and informally within other ratings.
2. NEC award based on language proficiency as measured by a Defense Language Proficiency Test (DLPT) or Oral Proficiency Interview (OPI). Sailors completing Defense Language Institute (DLI) graduation requirements, as well as non-DLI graduates scoring a minimum listening and reading proficiency of level 2+ (L2+/R2+) on DLPT, are eligible. For languages for which a DLPT does not exist, an OPI score of at least level 2 may be used.
3. Personnel awarded this NEC must recertify language proficiency annually and report results to NETPDTC.

NAVAL AIRCREWMAN

AWV-9401 EP-3E In-flight Technician
Performs and supervises pre-flight, in-flight, and post-flight duties in the operation, troubleshooting and organizational level maintenance on COMM/NAV, ESM and special mission avionics systems. Assists EWCC and EWAC as required.

Source Rating: AWV	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: E-050-3020 (P/L)	CDP: 2120
Sequence Code: 3		NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

AWV-9402 P-3C Update III SUW Improvement Program (AIP) In-Flight Technician
Performs in-flight duties of fault isolation and component repair of the P-3C Update III Anti-surface Warfare Improvement Program avionics equipment at the organizational level.

Source Rating: AWV	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-1202 (P/L)	CDP: 663J
	D-050-1130 (P/L)	193N
	D-050-1143	4797
Sequence Code: 4		NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: BUPERS-32

SPECIAL SERIES (GENERAL)

9501 Anti-Terrorism Training Supervisor Instructor

Conducts command Anti-terrorism Force Protection (ATFP) training and assists the Anti-terrorism Officer (ATO) in developing and executing ATFP plans. Instructs and certifies personnel on employment of non-lethal weapons (Baton and OC pepper spray). Will instruct personnel in Armed Sentry and Security Reaction Force-basic, tactics, techniques and procedures. Instructor/Supervisor will maintain ATFP training program and assist the ATO with readiness and vulnerability assessments.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-830-0034	CDP: 746T, 746U, 99IN
Sequence Code: 7		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC N34MA	Technical Advisor: CENSECFOR N5	ECM: BUPERS-32

9502 Instructor

Directs teaching/learning activities in schools training centers and selected reserve units. Writes learning objectives prepares test items evaluates instructional materials and the results of instruction and counsel's students on academic learning problems.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-012-1011	CDP: 626Y, 626X, 7794, 992F
	A-661-0108	333P
	A-661-0109	333V
	A-012-0077	631K, 4642, 4648, 4647, 4649, 4645, 4640, 4641, 9702, 979A
	E-050-0804	929W
Sequence Code: 7		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N71	Technical Advisor: NETC	ECM: N13

NOTES:

1. The Commanding Officer of the individual's permanent duty station is responsible for recommending NEC award for graduates of 3AIR75100-00X. Recommendations will be submitted on NAVPERS 1221/6 to PERS-4013D2.
2. Graduates of Instructor Training at Naval Nuclear Power Training Command (UICs 0617A, 45859), Naval Nuclear Power Training Unit, Ballston Spa, NY (UIC 62986), or Naval Nuclear Power Training Unit, Charleston, SC (UICs 47723, 49230) may be awarded this NEC upon transfer to instructor billets in these UICs. Personnel submit NAVPERS 1221/6 to PERS-4013D2.
3. E-5 and above to attend BIT. E4 may only attend with overall evaluation of 4.0 on most recent and written waiver from the ultimate gaining command. No E-3 and below will be accepted for instructor duty.

9503 Miniature/Microminiature Electronic Repair Inspector

Performs annual recertification of miniature and microminiature technicians and 12-18 month 2M program validation per 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).

Source Rating: All (See Note 2)	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-100-0058	CDP: 8722, 452C, 004P, 753J, 759V, 759W
Sequence Code: 7	ESTB Date: REV Date: 10/13/10 (HPRR)	NR Ind: A
Component NEC: 9526	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA (05), NAVAIR	ECM: OPNAV (N13)

NOTES:

1. Continued NEC qualification is per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4709-PLN-010/2M).
2. NEC is normally assigned to AE, AT, CTT, ET, FC, FT, GM, GSE, IC, MT, IT, STG, STS.

9504 Aviation Water Survival Instructor

Instructs in all areas of swim and water survival training. Operates and maintains training devices used in the Naval Aviation Water Survival Training Program. Instructs in the uses handling and familiarity with aviation life support and personal protective equipment. Instructs in Standard First Aid Community CPR and Lifeguard Training. Conducts organizes and manages classroom and poolside classes.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: B-570-0101	CDP: 1237
Sequence Code: 7		NR Ind: R
Component NEC: 9502 See Note	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: N13

NOTE: Hospital Corpsmen who possess NEC HM-8409 do not require component NEC 9502 to be awarded this NEC.

9505 Survival, Evasion, Resistance and Escape (SERE) Instructor

Performs special duties associated with Survival Evasion Resistance and Escape (SERE) techniques. Qualifies in survival and evasion tactics. Knowledgeable in current resistance techniques and escape methods. Qualifies as an instructor in all phases of SERE training. Demonstrates knowledge of SERE fundamentals as set forth in the Joint Personnel Recovery Agency (JPRA) Executive Agent Instruction (EAI).

Source Rating: All	Billet Paygrades: E5-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: D-012-0001	CDP: 237X
	E-012-0001	448C
Sequence Code: 7		NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: N13

9508 Recruit/Assistant Recruit Company Commander/Recruit Instructor

Instructs and acts as Recruit Company Commander or Assistant Recruit Company Commander and Recruit Instructor at Recruit Training Commands.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-012-0037	CDP: 4060
Sequence Code: 7		NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N7	Technical Advisor: NETC	ECM: N13

9509 2M Instructor/Master Inspector

2M Instructor; conducts formal training course for Miniature and Microminiature Electronic Repair, 2M Inspector, Microminiature Recertification Training and 2M Instructor culminating in certification. 2M Master Inspector; when assigned as 2M Coordinator or Evaluator performs 12-18 month 2M program validation, microminiature recertification for 9503 personnel and applies requirements of Standard Maintenance Practices and Electronic Assembly Repair IAW (NAVSEA 05 SE004-AK-TRS-010/2M, NAVAIR 01-1A-23) Technical Manual.

Source Rating: All (See Note 2)	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-100-0074 (P/L)	CDP: 452F, 450J, 5310, 5312
Sequence Code: 7	ESTB Date: REV Date: 1/24/11	NR Ind: A
Component NEC: 9502 and 9526	Related NEC: 9503	Open to Women: Yes
Primary Advisor: OPNAV (N43/N86/N88)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Continued NEC qualification is per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).
2. NEC normally assigned to AE, AT, ET, FC, FT, GM, GSE, IC, MT, IT, STG, STS.

9510 Basic Swimming and Water Survival Instructor

Instruct basic swimming strokes and water survival to include breast, side, elementary back and American crawl strokes, survival floating, treading water, survival swimming, abandon ship procedures, auxiliary floatation devices, marine environmental hazards, rescue techniques to include spinal injury, and CPR/First Aid. Also conducts, organizes, and manages classroom and poolside classes.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-012-1014	CDP: 300F, 300V, 300R, 5577, 00BM
Sequence Code: 6		NR Ind: A
Component NEC: 9502	Related NEC: 9504	Open to Women: Yes
Primary Advisor: NETC	Technical Advisor: NETC	ECM: N13

9515 Equal Opportunity Advisor

Serves as the Navy's trained experts on Equal Opportunity (EO) issues and policies to commanders, generally at the Echelon II and III staffs, Navy Personnel Command staff, Chief of Naval Education and Training staff, Navy Inspector General staff, Defense Equal Opportunity Management Institute staff, and various overseas and afloat commands. Provides briefings on all aspects of EO; facilitates various seminars and workshops; conducts EO portion of ISIC inspections of subordinate discrimination and sexual harassment complaints; provides guidance and training to Command Managed Equal Opportunity (CMEO) Managers; and participates in EO meetings, conferences, and seminars.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: P-561-0001 A-500-0061	CDP: 333G 527U
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-6	Technical Advisor: Pers-61	ECM: N13

9516 Correctional Counselor

Conducts individual and group counseling to encourage and assist prisoners or awardees in establishing a satisfactory adjustment to military life. Provides assistance in prisoner or awardee evaluation. Improves communication channels within the brig or correctional custody unit.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-831-0002	CDP: 572D
Sequence Code: 8		NR Ind: R
Component NEC: 9575	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: N13

NOTES:

1. Personnel may be assigned this NEC provided they meet the general selection criteria for assignment to Correctional Custody Unit staff and attend correctional counselor training as directed by CHNAVPERS (Pers-84).
2. Additional requirements and criteria for selection for this program are contained in MILPERSMAN 1306-904.

9517 3-M System Coordinator

Responsible for the coordination of all facets of maintenance and material management (3-M) systems. Must possess the ability to implement, evaluate, and coordinate the ship's planned maintenance systems (PMS). As the Maintenance Data Systems (MDS) manager, the 3-M coordinator must possess the ability to operate and effectively manage the MDS. The 3-M Systems Coordinator also serves as the ship's availability manager.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: J-500-0029	CDP: 1955, 1957
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVSEA 05	Technical Advisor: NAVSEA 05	ECM: N13

NOTES:

1. This NEC also can be earned during initial SNAP II shipboard implementation by participation in NAVMASSO-provided SNAP 3M System training. Submit recommendation on NAVPERS 1221/6 to PERS-4013D2.
2. Personnel awarded NEC 9517 must complete JQR and attend follow-on training.

9518 Professional Development Instructor

Deliver course (i.e., Journeyman Instructor Training (JIT), ADAMS, BEARINGS, CTTI, DAPA, Leadership, and PREVENT) which provide Sailors, at all levels, a variety of skills designed to enrich and develop their professional skills to support the accomplishment of the Navy's mission. Professional Development Instructors have a major impact on the development of the Navy's future Leaders.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-050-0001	CDP: 03FM, 03FZ, 06U9, 06VN, 06VZ, 06WA, 06WB, 06WC, 06WH, 06WT, 06WU, 07BK, 07BL, 07C1, 07D6, 07F7, 07JY, 1256, 242E, 575E, 652Z, 7795, 7796, 884H
Sequence Code: 7	ESTB Date: REV Date: 1/24/11	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N1)	Technical Advisor: NETC	ECM: OPNAV (N13)

9519 Navy Drug and Alcohol Counselor

Performs duties as a Drug and Alcohol Counselor. Duties include assessment and intake interviews, developing treatment plans, maintaining statistical data on patient's progress, preparing summary reports, conducting individual and group counseling, crisis intervention, aftercare planning, referral, conducting prevention, outreach, and other educational services related to alcohol and drug abuse, and providing counseling in other areas as prescribed by program sponsors. Counselors are charged with maintaining the highest code of standards as required by the Counselor Code of Ethics and maintaining a current knowledge about alcohol abuse, alcoholism and addiction. Provides routine direction and supervision, as directed, to NEC 9522 Interns.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: See Note	CIN:	CDP:
Sequence Code: 8		NR Ind: R
Component NEC: 9522	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-6	Technical Advisor: Pers-4010C	ECM: N13

NOTE: To be assigned this NEC, must complete and maintain all requirements of the Navy Drug and Alcoholism Certification program including a minimum one year internship as NEC 9522 Drug and Alcohol Counselor Intern.

9520 Consecutive Foreign Language Translator

Performs duties requiring an advanced proficiency in a foreign language, including grammar; extensive vocabulary necessary to translate complex conversations finite vocabulary of specialized technical and treaty related terms; ability to use bilingual dictionary and ability to write and translate bilingual reports.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5072	CDP: 929G
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N2	Technical Advisor: NETWARCOM N17	ECM: BUPERS-32

NOTES:

1. Currently only Russian linguists serving, or have served at OSIA are eligible. NEC may be awarded by BUPERS upon achieving advanced level qualifications (Level 3) in listening and speaking on the Defense Language Proficiency Test (DLPT) and upon successful completion of six months translator duty. Continued NEC qualification requires annual recertification by means of the DLPT. Personnel no longer serving at OSIA must achieve advance qualifications (Level 3) in listening and in one functional area (i.e., reading or speaking) to retain the NEC.
2. Currently only course offered is in Russian (71RU-OSIA Special) in Defense Language Institute Foreign Language Center Catalog.

9522 Navy Drug and Alcohol Counselor Intern

Performs duties as a Drug and Alcohol Counselor Intern in a supervised internship program. Under these conditions, conducts assessments, intake interviews, group and individual counseling, referral activities, program management, and outreach activities. Participates in professional development and educational events leading to certification as a Drug and Alcoholism Counselor.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-302-0001	CDP: 050A
Sequence Code: 8		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-6	Technical Advisor: Pers-4010C	ECM: N13

9525 Ammunition Inventory Management Specialist

Requisition, receive, inspect, store and issue ammunition; make reports for excesses, shortage or damages; conduct inventories; reconcile and post discrepancies; prepare and maintain Ammunition Transaction Reports (ATR) or Transaction Item Reports (TIR) as required; inspect compliance with directives and reports applicable to Notice of Ammunition Reclassification (NAR).

Source Rating: All (See Note)	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0040	CDP: 8175, 9098
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N4	Technical Advisor: NAVSUP	ECM: PERS 4011D15

NOTE: Optimal ratings are AO, AW, FC, GM, MA, and MN. NEC 9525 will only be assigned to the MA rating as an option when all other optimal ratings are not assigned to the command.

9526 Microminiature Electronic Repair Technician

Performs additional repairs beyond those taught to 9527 technicians, e.g., repair of flexible conductors, multilayer conductors and laminates, illuminated panels, and removal and replacement of welded lead components and surface mounted devices per NAVSEA 05INST 4790.17 and OPNAVINST 4790.2. Repairs conducted using approved equipment and practices as authorized in the Standard Maintenance Practices Miniature/Microminiature (2M) Electronic Assembly Repair (NAVSEA 05 SE004-AK-TRS-010/2M, NAVAIR 01-1A-23) Technical Manual.

Source Rating: All (See Note 2)	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0073	CDP: 092V, 093Y, 452E, 439U, 769H, 8706
Sequence Code: 7	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: R
Component NEC: 9527	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N43	Technical Advisor: NAVSEA 05, NAVAIR	ECM: N13

NOTES:
1. Continued NEC qualification requires recertification per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).
2. NEC is normally assigned to AE, AT, CTT, ET, FC, FT, GM, GSE, IC, MT, IT, STG, STS, MN.

9527 Miniature Electronic Repair Technician

Performs identification, removal and application of conformal coatings, removal and replacement of discrete and multi-lead components, preparation and installation of eyelets, repair and replacement of conductors and laminates, proper connection of wires to terminal and connector cups, and other related repairs per NAVSEA 05INST 4790.17 and OPNAVINST 4790.2. Repairs conducted using approved equipment and practices as authorized in the Standard Maintenance Practices Miniature/Microminiature (2M) Electronic Assembly Repair (NAVSEA 05 SE004-AK-TRS-010/2M, NAVAIR 01-1A-23) Technical Manual.

Source Rating: All (See Note 2)	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0072	CDP: 350T, 093X, 452D, 439G, 439T, 769F
Sequence Code: 7	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N43	Technical Advisor: NAVSEA 05, NAVAIR	ECM: N13

NOTES:
1. Continued NEC qualification requires recertification per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).
2. NEC is normally assigned to AE, AT, CTT, ET, FC, FT, GM, GSE, MT, IT, STG, STS, IC, and MN.

9534 SEAL Delivery Vehicle (SDV) Team Technician

Performs maintenance and support of classified combatant submersible systems and related equipment assigned to Naval Special Warfare SDV Teams. Major equipment includes MK VIII SEAL Delivery Vehicles (SDV) Dry Deck Shelters (DDS) Transport Systems and accessory equipment. Duties include preventive/corrective maintenance (through the intermediate level) and forward operational deployment as an independent duty technician with amphibious and other contingency forces in support of Naval Special Warfare Operations.

Source Rating: ET, EM, HT, MR, IC, EN, MM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-431-0306 K-431-0087	CDP: 5300 5301
Sequence Code: 4		NR Ind: A (See Note 3)
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N851	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTES:
1. Course K-102-0306 is for ET rating.
2. NEC will be awarded upon completion of formal training program conducted at the Naval Special Warfare Center and recommendation of the Commanding Officer that certifies member as a qualified SDV Team Technician.
3. The Naval Reserve indicator is “R” for ET personnel.

9535 Advance SEAL Delivery System Maintainer

NEC will identify personnel with organizational and intermediate level maintenance training on the ASDS. These personnel will posses the unique skills required to conduct preventive and corrective maintenance on hull, mechanical, electronic and electronic and electrical systems on this new acquisition combatant submersible. Duties also include crewmember of the vehicle and forward deployment as independent duty technician on board a host ship or forward operating base.

Source Rating: EM, ET, HM, HT, MM, MR, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See notes	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: SPECWAR	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. Formal training and PQS is required to receive this NEC.
2. Personnel will normally be qualified in submarines.

9536 Naval Special Warfare Small Arms Organizational Level Maintenance Technician

NEC will provide personnel with enhanced organizational level maintenance training on all small arms and gun mounts fielded by Naval Special Warfare. Personnel will possess the unique skills required to conduct preventative and limited corrective maintenance on small arms and gun mounts in support of SEAL/SDV Teams and Special Boat Teams.

Source Rating: EOD, GM, ND, SB, SO	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-041-0002	CDP: 5836
Sequence code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N851	Technical Advisor: SPECWAR	ECM: BUPERS-32

9545 Navy Law Enforcement Specialist

Performs specialized duties in internal security operations at installations and facilities as a member of the Navy Internal Security Force. Provides security for restricted areas. Controls entry and exit of military and civilian personnel vehicles and other equipment at access points to restricted areas. Patrols property concentration areas on foot and using vehicle. Enforces general and special orders and regulations applicable to the area operations. Performs convoy escort and defense against intrusion by hostile elements, riot, or other unusual circumstances.

Source Rating: All	Billet Paygrades: See Note	Personnel Paygrades: E3-E6
Course: See Notes	CIN:	CDP:
Sequence Code: 3		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NECC	ECM: PERS 4011D14

NOTE: NEC maintained for inventory purposes only-no longer awardable.

9549 Acquisition Logistics Specialist

Personnel assigned to acquisition-related billets perform critical functions within acquisition type activities (i.e., Integrated Logistics Support (ILS), Naval Air Training Management Support Activity (NATMSACT) as defined in DoD Directive 5000.1 and DoD Instruction 5000.2. These activities are responsible for acquisition systems development, acquisition, and logistic support or acquisition programs oversight, review, and acceptance of supplies and services under their cognizance. As such, they perform critical functions relating to systems design (reliability and maintainability), the development of acquisition/logistics plans and documents, system integration, logistics support analysis, provisioning, configuration, management, systems modifications, and site activation or program planning, oversight, and acceptance of supplies and services. Additionally, these individuals are responsible for various requirements related to the development and execution of budgets, acquisition and logistics support of programs.

Source Rating: AV, AF, AD, AT, AE, AZ, AO, AM, AME, PR, AS, AW, AWF, AWO, AWR, AWS, AWV, LS, AB, ABH, ABE, ABF	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: See Notes	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 11/18/10 (HPRR)	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR, NAVSUP (04)	ECM: BUPERS-32

NOTES: NEC is awarded as follows:
1. Acquisition Logistics Specialist: Upon completion of the Defense Acquisition University (DAWIA) courses ACQ-101 and LOG-101.
2. Acquisition Manufacturing and Production or Quality Assurance Specialists: Upon completion of the Defense Acquisition University (DAWIA) courses ACQ-101, PQM-101, and 6 months of satisfactory performance in the acquisition billet.
3. DAWIA training courses are obtained and funded for Navy personnel through the Defense Acquisition Career Management (DACM) Office via the DON Acquisition Training Registrar, Naval Acquisition Career Management Center, 5450 Carlisle Pike, P.O. Box 2033, Mechanicsburg, PA 17055 using quotas that are assigned to the requesting command. Individuals must be currently in, or ordered to, an identified Acquisition billet.

9550 Unmanned Undersea Vehicle (UUV) Operator

Performs duties as a member of a Submarine Launched UUV Detachment. Operate and perform organizational level maintenance on all rating oriented equipment aboard UUV's and support equipment.

Source Rating: ET, STS, FT, MM	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

9554 Master Naval Parachutist

Directs those who will be designated as Senior Naval Parachutists upon satisfactory course completion. Specializes in the instruction of students for static line jumps free fall, jumps water landing jumps 30-second, and 40-second delayed free fall jumps prior to opening parachute and night parachute jumping with oxygen equipment.

Source Rating: PR, SO, EOD, ND, SB	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 7352	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N861	Technical Advisor: NAVSEA 05	ECM: N13

NOTE: NEC is assigned to personnel in paygrades E-6 and above who have satisfactorily completed an instructor's course, have been assigned to parachute jumping duty by competent orders, are designated as Naval Parachutist, and have satisfactorily completed a course of instruction prescribed by competent orders as well as the following: 2 static line jumps, 65 free fall jumps, 4 water landing jumps, 5 jumps of 30 seconds delayed free fall prior to opening parachute, 3 jumps of 40 seconds delayed free fall prior to opening parachute, 1 night free fall jump.

9556 Security Specialist

Performs duties on all matters pertaining to Personnel Security, submission of personnel security investigations (PSI) requests and populating the Joint Personnel Adjudication System. Maintains all classified material e.g. files, reports and correspondence. Assists the Security Manager in performing security related administrative control and accountability of all classified material at the command.

Source Rating: YN, PS, AZ, LN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-3C-0001	CDP: 925X, 925W
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC: 9190	Open to Women: Yes
Primary Advisor: OPNAV N09N2	Technical Advisor: OPNAV N09N2	ECM: BUPERS-32

NOTES:
1. Must be a U.S. Citizen and must have security clearance eligibility.
2. Submit NAVPERS 1221/6 with appropriate documentation and Commanding Officer's endorsement to NAVPERS (Code 4013) via ECM BUPERS-32.

9557 Joint Special Operations

Completion of training and experience in Joint Special Operations planning and execution. Qualified to perform/support unconventional and special warfare operations as a member of a Joint Special Operations Task Force. Assignments are for a 4-year tour, and NEC is awarded to Sailors assigned to applicable units upon successful completion of organic training and at least 24 months onboard.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N85	Technical Advisor: JSOC USN/HR	ECM: BUPERS-32

NOTES:
1. Assigned personnel, regardless of rank or rating, attend rigorous organic and service sponsored courses of instruction that include, but not limited to, Basic Army Airborne Qualification, Combat Life Saver, Integrated Special Operations Medic course, tactical driving, executive protection and combat specific courses of instruction.
2. All candidates must undergo an intensive screening process prior to selection.
3. All candidates must be able to obtain a TS/SCI clearance.
4. All personnel must meet/exceed U.S. Army physical fitness standards and annually qualify with various small arms and crew served weapons.

9559 Engineering Bulk Fuel Systems (Shore) Technician

Operates valves, manifolds, pumps, and other petroleum transfer storage and reclamation equipment. Performs routine preventive and corrective maintenance on petroleum transfer, storage, and reclamation equipment, and facilities. Measures and draws samples from stored petroleum products. Reads meters and gauges to determine proper operation and completion of petroleum transfers. Observes all required safety precautions when handling petroleum products. Operates fire fighting equipment and personnel protective and safety equipment common to petroleum storage facilities. Inspects product samples for signs of product deterioration or contamination. Performs basic quality surveillance tests. Reports and controls oil spills.

Source Rating: All (See Notes)	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-821-2145	CDP: 254G
Sequence Code: 4	ESTB Date: REV Date: 6/10/09 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVPETOFF	Technical Advisor: NAVAIR, NAVSEA 05, NAVFACENG	ECM: N13

NOTES:
1. In lieu of applicable course, personnel completing a regular duty assignment at a shore bulk facility may be recommended for this NEC. (For inactive duty select reserve (SELRES) personnel, the term regular duty assignment refers to drills, Annual Training (AT), and Inactive Duty Training and Travel (IDTT)). Specific OJT and experience must be documented in the NAVPERS 1221/6 to PERS-4013D2 via the Commanding Officer, Navy Petroleum Office, Cameron Station, Alexandria, VA 22314. The CO, Navy Petroleum Office will provide final adjudication based upon personnel qualifications.
2. NEC normally assigned to active duty personnel in the ABF, MM, EN, HT, and UT ratings.
3. NEC normally assigned to inactive duty SELRES in the above ratings as well as in the following: AD, AE, BM, EM, MM, MR, BU, CE, CM, EO, and SW.
4. NEC normally assigned to active duty personnel in paygrade E5 through E7 per Chapter IV of NEC manual. NEC normally assigned to inactive duty SELRES in paygrades E4 through E8.

9560 Mobile Systems Facilities Technician

Performs duties and comprehends core fundamental responsibilities associated with the complete system setup/teardown, operation, and maintenance of deployable mobile units. Personnel will possess the unique essential perception of mobile system theory (types of missions, detachments, and locations), support logistics (transportation and supply), general preventative maintenance requirements, external and ADP system setup (shelters, antenna fields, generators, and power distribution), communications (UHF, VHF, SHF, and INMARSAT), and mobile specific mission requirements (mission tasks, monthly/daily messages, force protection/physical security/emergency destruction, and unit crypto requirements).

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-101-0024	CDP: 03CT
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

9562 Deep Submergence Vehicle Operator

Performs as an operator of a manned, self-propelled, noncombatant, deep submergence vehicle, including DSV's, DSRV's, Submarine NR-1, and USS DOLPHIN (AGSS 555). Operates all installed equipment and controls movements of vehicles in water column.

Source Rating: All (See Note 1)	Billet Paygrades: E6-E9	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 9563	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N13

NOTES:
1. Normally assigned to EM, ET, IC, CS, MM, LS, STS and YN personnel.
2. Personnel must be qualified in submarines.
3. Personnel must have successfully completed a formal certification program established by the type commander.
4. Personnel assigned to Submarine NR-1 and USS DOLPHIN (AGSS 555) must successfully qualify as Officer of the Deck to earn this NEC. Others must qualify as pilot of the DSV/DSRV.

9563 Deep Submergence Vehicle Crewmember

Performs duties as a crewmember of a manned, self-propelled, non-combatant, deep submergence vehicle, including DSV's, DSRV's, Submarine NR-1, and USS DOLPHIN (AGSS 555). Operates and performs organizational level maintenance on all rating oriented equipment aboard the vehicle.

Source Rating: All (See Note 1)	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E9
Course: OJT	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N13

NOTES:
1. Normally assigned to BM, EM, ET, MM, CS, LS, STS, and YN personnel.
2. Personnel will normally be qualified in submarines.
3. Personnel must successfully complete existing requirements to re-qualify in submarine for their assigned vehicle.

9564 Continuous Process Improvement Core Green Belt

Executes events to resolve command problems using the industry proven process improvement methodologies of Lean, Six Sigma and Theory of Constraint. Schedules, plans, facilitates and leads Kaizen/Rapid Improvement Events. Prepares and delivers out-briefs and communication plans, captures results and lessons learned, and trains and mentors process improvement team members.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E5-E9 (see note 2)
Course: Mandatory	CIN: A-557-0003	CDP: 05A5
Sequence Code: 7	ESTB Date: REV Date: 11/24/09	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N120	Technical Advisor: NAVSEA, NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC will be awarded through a combination of formal training at the local activity and OJT. To be awarded the NEC, submit NAVPERS 1221/6 along with a copy of Green Belt Certificate to signify completion of formal training and a command certification that the DON approved OJT standards have been met (lead 2 full DMAIC projects or 2 rapid improvement events or 1 full DMAIC project and 1 rapid improvement event) to PERS-4013.
2. High performing personnel in paygrade E-4 can earn NEC 9564 with CO's endorsement.

9566 Naval Control of Shipping Staff Assistant

Performs duties related to naval control of shipping functions on the staff of convoy commodores and operational control authorities and at individual activities of the Naval Control of Shipping Organization (NCSORG).

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 7		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CMSC	Technical Advisor: NAVSEA 05	ECM: COMNAVRESFOR

NOTES

1. This NEC is awarded to Selected Reserve (SELRES) personnel only and will not be used to identify active duty personnel or billets.
2. Awarded to E7 and above.
3. Personnel must have successfully completed course J-8C-0523 (prior to 01 Oct 93) or J-1B-2504 and either J-1B-0526, J-1B-0528, or J-8C-0523, taught at Fleet ASW Training Center, Atlantic, Norfolk, Virginia.
4. Personnel must have participated in a Naval Control of Shipping (NSC) exercise while on Annual Training (AT).

9568 Joint Terminal Attack Controller (JTAC)

A qualified (certified) service member who, from a forward position, directs the action of combat aircraft engaged in Close Air Support (CAS) and other offensive air operations. A qualified and current JTAC will be recognized across DoD as capable and authorized to perform terminal attack control. CAS is an element of joint fire support. Synchronizing CAS in time, space, and purpose with supported maneuver forces increases the effectiveness of the joint force. CAS is air action by fixed and rotary-wing aircraft against hostile targets that are in close proximity to friendly forces and that require detailed integration of each air mission with fire and movement of those forces. CAS assist land, maritime, amphibious, and Special Operations Forces (SOF) to move, maneuver, and control territory, populations, and key waters. The support commander establishes the priority, timing, and effects of CAS fires within the boundaries of the land, maritime, SOF, or amphibious force's area of operations. SOF may also need CAS and other joint fire, support at locations well beyond land, maritime, and amphibious operations force commanders' areas of operations.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: See Note	CIN:	CDP:
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N861	Technical Advisor: SPECWAR, NAVSEA 05	ECM: BUPERS-32

NOTES:

1. The following organizations/training processes are authorized to conduct JTAC certification training: Expeditionary Warfare Training Group Tactical Air Control Party Course, United States Air Force Air Ground Operations School Terminal Attack Controller Course, and Naval Strike and Air Warfare Center Joint Terminal Attack Controller Course.
2. Member must be JTAC certified and qualified IAW JTAC AP MOA 2004-02 and possess a secret security clearance.

9569 Joint Terminal Attack Controller Instructor (JTAC-I)

Qualified and current JTAC who has at least one-year of operational JTAC experience and who is assigned in an instructor capacity at an approved JTAC schoolhouse. During initial certification, when instructing student JTAC's or other non-qualified individuals in terminal attack control, the instructor will physically locate with the individual and be able to take control, if necessary. Any non-qualified personnel performing Close Air Support (CAS) familiarization must be under supervision of and physically co-located with a qualified JTAC-I.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: See Note	CIN:	CDP:
Sequence Code: 3		NR Ind: R
Component NEC: 9568	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N861	Technical Advisor: SPECWAR, NAVSEA 05	ECM: BUPERS-32

NOTES:

1. JTAC instructor-qualified personnel must instruct JTAC trainees. JTAC Instructors require one year of operational experience as a qualified JTAC (or one year as a operational forward air controller (airborne) and must meet JTAC qualification requirements to be designated a JTAC Instructor.
2. Member must possess a secret security clearance.

9570 Stevedore

Trains personnel in the technical skills of shipboard stevedoring aboard Merchant vessels. Performs duties involved in loading or discharging Merchant shipping used to support Naval Operations that include hatch tending hold stowing winch operation MHE operation lashing, rigging, and other associated duties.

Source Rating: All	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: G-060-2010 G-060-2020	CDP: 849M 849R
Sequence Code: 5		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05, NAVSUP, NAVFACENG	ECM: N13

NOTES:

1. NEC may be assigned after one year of experience in either a Mobile Cargo Handling Unit such as the Navy Cargo Handling and Port Group or a Reserve Cargo Handling Battalion and upon completion of formal training.
2. NEC is used primarily to identify requirements and pretrained augmented personnel necessary to support the OPNAV Special Augmentation Plan (OPNAVINST 5440.73 Series).

9571 Safety Technician

Assists the collateral or primary duty Safety Officer or Safety Manager in coordinating the implementation of the Navy Safety and Occupational Health (SOH) Program, Traffic Safety Program, and Recreational and Off-Duty Safety (RODS) Program. Performs administrative and record keeping functions in support of the command safety organization. Identifies hazards, unsafe work practices, and health hazardous conditions. Assists in the evaluation of workplace hazards, including periodic workplace monitoring. Prepares various safety and mishap reports, maintains hazard abatement program documentation, and aids in mishap investigations. Arranges or conducts indoctrination and periodic SOH training. Disseminates SOH program information throughout the chain of command.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: See Note 1	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 2/4/10	NR Ind: R
Component NEC:	Related NEC: 6021	Open to Women: Yes
Primary Advisor: OPNAV N09F	Technical Advisor: N09F	ECM: N13

NOTES:

1. NEC may be earned upon completion of:
   a. Naval Safety Supervisor Correspondence Course, NAVEDTRA 14167.
   b. Completion of at least TWO of the following:
      1. The Navy and Marine Corps Public Health Center (NMCPHC) Exposure Monitoring course CIN (B-322-2306).
      2. Safety Program Afloat PQS, NAVEDTRA series, Watchstation 301 - Divisional Safety Petty Officer.
      3. Current Safety Program Afloat Course (A-493-2099) or same course under previously active CIN (J-493-2099).
      4. Introduction to Navy Safety and Occupational Health (ASHORE) (A-493-0050). Waiver request for course A-493-0050 may be submitted if Introduction to Safety Science S-101, previously conducted by Indiana University, was completed prior to October 1993.
   c. Command recommendation.
2. NEC is open to any rating, paygrade E-5 and above.
3. Submit NAVPERS 1221/6 to PERS-4013D2 with Commanding Officer's endorsement and copies of documentation reflecting the course of instruction completed.

9575 Correctional Custody Specialist Ashore

Performs specialized correctional duties at naval places of confinement including responsibility for the security control supervision support health and care of prisoners and awardees; security operations of sally ports control centers cell blocks dormitories and perimeter security posts; and movement of awardees/detainees/prisoners within and outside places of confinement. Supervises awardees in a non-incarcerative setting providing leadership and guidance by instruction and by example. Is knowledgeable of correctional programs and administration as practiced in both the brig and correctional custody unit environments. Has ability to supervise both brig prisoners and detainees and correctional custody unit awardees while applying the level of control supervision and guidance appropriate to each. Performs such other duties as area shakedown strip and frisk searches escorting tool and key control and disaster fire disturbance and riot control.

Source Rating: All (See Note 2)	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-831-0001	CDP: 572B
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-84	Technical Advisor: Pers-84	ECM: N13

NOTES:
1. To be assigned this NEC, personnel must meet selection screening criteria set forth in MILPERSMAN 1306-904.
2. This NEC applies to all non-MA personnel only. MAs will be awarded NEC 2008.

9578 Command Senior Chief

Command Senior Chiefs provide leadership to the enlisted force and advise Commanders/Commanding Officers on enlisted matters that support mission accomplishment. As both the Commander/Commanding Officer and Enlisted personnel's direct representative, they uphold the highest standards of professionalism, and integrity and enhance active communication at all levels of command throughout the Department of the Navy.

Source Rating: All	Billet Paygrades: E8	Personnel Paygrades: E8-E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J, 960F
Sequence Code: 4	ESTB Date: REV Date: 2/22/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N00D	Technical Advisor: OPNAV N00D	ECM: PERS-40FF

NOTE: Upon award of the 9580 NEC, the 9578 NEC will be removed from member's personnel file.

9579 Chief of the Boat (All Submarines)

Performs duties as the principle enlisted advisor to the Commanding Officer in order to keep the command aware of existing or potential situations, procedures, and practices which affect the welfare, morale, job satisfaction and utilization of its enlisted members. As such, the Chief of the Boat reports directly to the Commanding Officer, orally and/or by written report. The Chief of the Boat is the Command Master/Senior Chief. In addition, the Chief of the Boat is the Administrative Assistant to the Executive Officer supervising certain activities affecting the crew as a whole.

Source Rating: All	Billet Paygrades: E8-E9	Personnel Paygrades: E8-E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV N871B	Technical Advisor: Pers-403	ECM: N13

NOTES:
1. Commanding officers must periodically review the performance of personnel assigned this NEC for purpose of NEC quality control.
2. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1301/960F) required in conjunction with assignment to 9579 NEC billet.
3. Completion of regional Command Master Chief Course using the NAVEDTRA 38204-A, Student's Source Book is required.

9580 Command Master Chief

Performs as the principle enlisted advisor to their respective commander/commanding officers under the provisions of OPNAVINST 1306.2 (series).

Source Rating: All	Billet Paygrades: E9	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 2		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N00D	Technical Advisor: NETC-30	ECM: N13

NOTES:

1. NEC is assigned to personnel in paygrade E-9 with two years time in distributable NEC 9580. Submit NAVPERS 1221/6 to BUPERS (Pers-40FF).
2. Qualification for NEC is based on successful screening by CHNAVPERS.
3. Commanding officers must periodically review the performance of personnel assigned NEC 9580 for purposes of NEC quality control.
4. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1301/960F) is required in conjunction with assignment to 9580 NEC billet.
5. Completion of regional Command Master Chief Course using the NAVEDTRA 38204-A, Student's Source Book is required.

9581 Rubber and Plastics Worker

Fabricates and repairs rubber and plastic parts of equipment. Formulates, compounds, and processes rubber and plastic to obtain required characteristics. Operates various types of mixing, heating, molding, pressing, shaping, and related machinery to repair, replace, or modify rubber or plastic items. Performs routine maintenance on ship machinery.

Source Rating: All	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: See Note	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N43	Technical Advisor: NAVSEA 05	ECM: N13

NOTE: NEC may be earned through Commanding Officer's recommendation upon completion of:

a. One year's experience at an IMA rubber and plastics shop, or
b. The appropriate SQIP course and proficiency examination.

9583 Locksmith

Repairs locks, changes lock combinations, opens doors and safe locks, and makes new or duplicate keys. Takes apart padlocks, door and safe locks, and other types of locks using various hand tools including screwdrivers, cold chisels, and hammers. Repairs or replaces tumblers, springs, and other parts. Opens door locks for which there are no keys. Opens safe locks by manipulating dial and listening to sound of tumblers or by drilling.

Source Rating: All	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N43	Technical Advisor: NAVSEA 05	ECM: N13

NOTE: Seabee personnel assigned to the Naval Support Unit, State Department attend a two week formal training course, Safe and Lock Maintenance course, given by the Diplomatic Security Service, Diplomatic Security Physical Security Laboratory, Newington, VA.

9585 Navy Recruiter Canvasser

Recruits individuals into the U.S. Navy and Naval Reserve. Possesses expertise in recruiting techniques and knowledge of recruiting textbooks and Navy enlistment programs and policies. Communicates and relates effectively with prospects, groups and the community. Possesses a basic knowledge of classification techniques.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-501-0020, S-7C-2414	CDP: 942H, 962H
Sequence Code: 8		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: N13

NOTE: Applicable training is conducted at Navy Recruiting Orientation Unit, Pensacola, FL as well as Recruiting Training Orientation, New Orleans, LA as directed by COMNAVCRUITCOM/CNAVRES.

9586 Navy Recruiting District (NRD) Recruiter/Classifier

Performs as classification interviewer at Navy Recruiting Districts. Interviews applicants for enlistment to determine optimal program utilizing the Personalized Recruiting for Immediate and Delayed Entry (PRIDE) System. May have signature authority to assign applicants to programs as authorized by the Navy Recruiting District Command Officer.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-501-0031	CDP: 945P
Sequence Code: 8		NR Ind: R
Component NEC: 9585	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: N13

9587 Officer Recruiter

Recruits individuals into U.S. Navy and Reserve Officer Programs. Possesses expertise in recruiting techniques, Navy Officer commissioning programs and policies. Communicates and relates effectively with prospects, groups and the community. Possesses knowledge of officer processing techniques.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: See Note	CIN: S-7C-2414	CDP: 962H
Sequence Code: 8		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: N13

NOTE: Personnel may earn this NEC by completion of PQS/OJT or course completion.

9588 Career Information Program Advisor

Advises and assists commands and the Career Information Program Manager in organizing and implementing a career information program for officer and enlisted personnel. Ensures individual and other family members are presented information concerning career opportunities, transition services and benefits, reenlistment incentives, rights and benefits, and advantages of a Navy career.

Source Rating: All (See Note)	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-501-0011	CDP: 3192, 477B
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: Pers-206	ECM: BUPERS-32

NOTE: NEC is not awardable to NC personnel.

9590 Support Equipment Asset Manager

Manages aviation support equipment (SE) asset inventories as set forth by the Naval Aviation Maintenance Program and the Aircraft Maintenance Material Readiness List Program. Manages SE assets at the aircraft organizational and intermediate levels of maintenance afloat and ashore, naval air training activities, naval aviation depots, and aviation wings. Uses logistic management techniques, supply procedures, technical publications, and automated data processing equipment to conduct, reconcile, and report SE asset inventories; acquire and dispose of SE assets; train subordinate SE asset managers and conduct liaison with support equipment controlling authorities.

Source Rating: AD, AE, AM, AME, AO, AT, AS, AZ, LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: D-555-0026 E-555-0026	CDP: 571X, 2165 448T, 384V, 3674, 206N
Sequence Code: 3		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N889	Technical Advisor: NAVAIR	ECM: N13

9592 Reserve Career Information Program Advisor

Advises and assists commands in organizing and implementing a career information program for reserve officers and enlisted personnel. Ensures individual and other family members are presented information concerning career opportunities, transition services and benefits, reenlistment incentives, rights, and benefits, and advantages of a Navy Reserve career.

Rating: All	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: R-501-0005	CDP: 6963
Sequence Code: 3	ESTB Date: 9/21/10 REV Date:	NR Ind: A
Component NEC:	Related NEC: 9588	Open to Women: Yes
Primary Advisor: CNRFC (N1)	Technical Advisor: NRPDC	ECM: BUPERS-32

9594 Intermediate Maintenance Activity (IMA) Nuclear Worker

Qualified as a worker at an IMA Nuclear Repair work center (Shop 38N) or Nuclear Power Training Unit (NPTU) Maintenance Training Group (MTG).

Source Rating: MM, EM, HT, MR, ET, IC, EN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-661-1025	CDP: 946C
Sequence Code: 3	ESTB Date: REV Date: 1/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N879/N88)	Technical Advisor: NAVSEA 05	ECM: N13

9595 Hazardous Material Control Management Technician

Performs duties associated with Hazardous Material Control and Management. Performs Hazardous Material Control planning and management of material handling equipment. Responsible for inventorying, receiving, transferring, and properly turning in all hazardous waste from all Navy commands.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-322-2600 A-322-2601	CDP: 438D, 592X 5575, 02L0, 01XA, 01XB, 01XC, 01XD, 01XE, 01XF, 01X6, 01X7, 01X8, 01X9, 02UU, 03C2, 03C3
Sequence Code: 3		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N45	Technical Advisor: NAVSUP (04)	ECM: N13

9597 Radiac Technician

Performs organizational and/or intermediate level maintenance on radiac equipment aboard tender or radiac repair facility. Employs procedures that conform to the standards for protection against radiation hazards as promulgated by the United States Atomic Energy Commission in the Code of Federal Regulations, Chapter I, Title 10.

Source Rating: All	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-670-0020	CDP: 581N
Sequence Code: 5		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N871B	Technical Advisor: NAVSEA 05	ECM: N13

9598 Disaster Preparedness Operations and Training Specialists

Advises command on how to integrate into the normal command organization the functions necessary to prepare for, defend against, and recover from major accidents, natural and man-made disasters; assists in the coordination with local, civic authorities on disaster response operations; conducts training for nuclear, biological, and chemical (NBC) warfare defense to include hazard awareness, individual protection, decontamination, and mission restoration; performs organizational maintenance on NBC defense equipment; uses equipment complying with procedures required by Nuclear Regulatory Commission license.

Source Rating: All	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-494-0006	CDP: 437L
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865), N889, N879	Technical Advisor: NAVFACENG	ECM: N13

NOTE: No new assignment of this NEC to E3-E4 personnel. E3-E4 personnel who currently hold this NEC may retain their NEC.

ELECTRONICS TECHNICIAN

ET-9604 JTIDS Shipboard Terminal Maintenance Technician

Performs organizational level maintenance on the AN/URC-107(V)7. Uses built-in test (BIT) to identify the faulty Weapon Replaceable Assembly and an enhanced BIT capability to isolate the Shop Replacement Assembly (SRA).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0148	CDP: 577N
Sequence Code: 4		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-9605 Naval Modular Automated Communications Systems II (NAVMACS II) Maintenance Technician
Performs preventive and corrective maintenance on the AN/SYQ-7A(V) NAVMACS II system.

Source Rating: ET	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-101-0266	CDP: 478U, 478V
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N6	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-9606 Shipboard Air Traffic Control (SATC) Radar Technician
Performs organizational and/or intermediate level preventive and corrective maintenance on the AN/SPN-41 and AN/SPN-43 radars, makes power output checks, minimum discernable signal (MDS) tests, and checks standing wave ratio (VSWR). Aligns RF, IF, and video amplifier circuits. Diagnoses symptoms and isolates, localizes and replaces faulty components and parts to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2117 (P/L)	CDP: 708H
Sequence Code: 4	ESTB Date: REV Date: 8/24/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

ET-9607 High Frequency Radio Group (HFRG) Maintenance Technician
Performs organizational level preventive and corrective maintenance on AN/URC-(131) HFRG systems.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0248	CDP: 478T
Sequence Code: 4	ESTB Date: REV Date: 7/28/09 (HPRR)	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

ET-9608 Radar Technician (AN/SPS-67(V)3)
Performs organizational and/or intermediate level maintenance on radar. Makes power output checks and minimum discernible signal tests. Checks standing wave ratio. Inspects and locates faulty waveguide and transmission line sections. Aligns RF, IF, and video amplifier circuits for malfunctions, diagnoses symptoms and isolates, localizes and replaces faulty components and parts to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0215	CDP: 006H
Sequence Code: 5	ESTB Date: REV Date: 3/10/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-9610 Radar (AN/SPS-49A(V)) Technician
Performs organizational and/or intermediate level maintenance or radar. Makes power output checks and minimum discernible signal tests. Checks standing wave ratio. Inspects and locates faulty waveguide and transmission line sections. Aligns RF, IF and video amplifier circuits for malfunctions, diagnoses symptoms and isolates, localizes and replaces faulty components and parts to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0222	CDP: 478W
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-9611 AN/SSN-2(V)4 Maintainer
Performs organizational level maintenance on the AN/SSN-2(V)4 Precise Integrated Navigation System (PINS) equipment. Repairs AN/SSN-2(V)4 system components, replaces parts, and completes all planned maintenance requirements to restore the system to an operational status.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-130-2568	CDP: 06JB
Sequence Code: 4	ESTB Date: REV Date: 3/10/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-9612 AN/WSN-7(V) Operations and Maintenance Technician

Operates and maintains the AN/WSN-7(V) in accordance with organizational level technical documentation. Performs normal and abnormal operations inport or at sea. Performs preventive and corrective maintenance using BITE and organizational documentation.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-670-2153	CDP: 2303
Sequence Code: 4	ESTB Date: REV Date: 3/10/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-9613 Naval Special Warfare (NSW) Communications Technician

Operate and maintain ship and shore related communications systems as fielded by Naval Special Warfare; equipment is deployed and/or utilized with and by Mobile Communications Teams, commissioned ships, Special Boat Units, Seal and SDV Teams, and NSW Units. Personnel will possess the unique skills to operate and maintain primary and secondary equipment associated with Special Operation Forces (SOF) equipment such as Joint Base Station variants 1, 2, 3 and CORE systems, SINCGARS, Havequick and Low Probability of Exploitation (LPE) capable radios, and other Multi-Band and HF SOF unique radios. Personnel will have advanced working knowledge of the frequency spectrum ELF-EHF, data transmission and waveforms, modulation techniques, field expedient antennas, EKMS fundamentals and security procedures, and DAMA and TACSAT procedures.

Source Rating: ET, IT	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0141	CDP: 775C or 775D
Sequence Code: 4		NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N865)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Secret security clearance required.
2. Personnel must complete the Naval Special Warfare Communications course and be assigned to a Naval Special Warfare (NSW) Command. Upon reporting, personnel must complete the NSW Tactical Communications Technician Job Qualification Requirement (JQR). NEC shall only be awarded in accordance with the JQR certification procedures: awarding authority shall be Commander, Naval Special Warfare Command, N6, and may not be delegated.

ET-9614 AN/SPN-35C Maintenance Technician

Performs organizational and/or intermediate level maintenance on the AN/SPN-35C Radar System. Uses general and special purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2038	CDP: 01JL
Sequence Code: 4	ESTB Date: REV Date: 11/16/10 (HPRR)	NR Ind: R
Component NEC: 9606	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ET-9615 AN/SPS-67(V)5 Radar Technician

Perform organizational and/or intermediate level maintenance on radar. Perform power output checks and minimum discernible signal tests. Perform alignments in the RF, IF, Video and Power Supply circuits, maintaining equipment in optimum condition. Diagnose malfunctions by symptom recognition to localize and replace faculty sub-assemblies, parts and components to restore equipment to optimum operating conditions.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-104-0230	CDP: 00SP
Sequence Code: 4	ESTB Date: REV Date: 9/17/09 (HPRR)	NR Ind: N
Component NEC:	Related NEC: 9608	Open to Women: Yes
Primary Advisor: OPNAV (N86)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Confidential Security Clearance is required.

ET-9616 AN/SSN-2(V)5 Precise Integrated Navigation System (PINS) O & M Technician

Operates the AN/SSN-2(V)5 PINS during mine hunting/sweeping operations. Performs as a team member in the Mine Countermeasure (MCM) ship Combat Information Center (CIC) by providing precise navigation information and command and control functions such as ship's position, speed and direction, and location of mine-like objects using all available navigation and environmental sensors including sonar, surface radar, and ship's control displays. Maintains operator logs and ensures proper documentation of mission records. Performs organizational level maintenance on the AN/SSN-2(V)5 PINS equipment to include components and parts replacement. Completes all planned maintenance requirements to restore the system to an operational status.

Source Rating: ET, MN, STG	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-130-0025 and A-130-0023	CDP: 06J5 and 06J7
Sequence Code: 3	ESTB Date: REV Date: 8/26/10	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N85)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

OCCUPATIONAL AREA - DEFENSE GROUPING

DG-9700-9780 Occupational Area-Defense Grouping NECs

See Chapter III for complete listing.

SPECIAL SERIES (TRAINING PROGRAM)

9901- Nuclear Propulsion Plant Operator Trainee

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-8888	CDP: 4045
Sequence Code: 4		NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N871B)	Technical Advisor: Pers-403F	ECM: N13

NOTE: Identifies personnel recruited or who have otherwise volunteered for nuclear propulsion training. BUPERSINST 1306.78 Series applies.

CB-9920 Construction Basic Veteran

An NEC provided to members temporarily gained as a CB-VET for Naval Reserve only.

Source Rating: CM, EO, BU, EA, CE, SW, UT	Billet Paygrades: E3- E6	Personnel Paygrades: E3-E6
Course:	CIN:	CDP:
Sequence Code: 1		NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N4)	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

9ACE-9ZHO Language Capability (Billets and Personnel)
Identifies proficiency in a foreign language required for billets and personnel.

Source Rating: All
Course: See Note 1
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N13F)

Billet Paygrades: E3-E9
CIN: See Table/Note 1
ESTB Date: 12/6/10 REV Date:
Related NEC:
Technical Advisor: NETWARCOM (N17)

Personnel Paygrades: E1-E9
CDP: See Table/Note 1
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NEC	LANGUAGE TITLE	CIN	CDP
9ACE	ACHINESE		
9AEB	ARABIC-TUNISIAN		
9AFR	AFRIKAANS		
9AMH	AMHARIC		
9APD	ARABIC-SUDANESE		
9ARA	ARABIC	A-232-6006	9132
9ARB	ARABIC (MODERN STANDARD)	A-232-5006, A-232-6006	877U, 913Z
9ARQ	ARABIC-ALGERIAN		
9ARY	ARABIC-MOROCCAN		
9ARZ	ARABIC-EGYPTIAN		
9AYL	ARABIC-LIBYAN		
9AZE	AZERBAIJANI		
9BAL	BALUCHI		
9BAM	MANDINGO-BAMBARA		
9BAN	BALINESE		
9BEN	BENGALI	K-431-5107**	07V5**
9BUL	BULGARIAN	A-232-5083	0486
9CBK	CHAVACANO		
9CHE	CHECHEN	A-232-6025	737B
9CMN	CHINESE-MANDARIN	A-232-5007, A-232-6007, A-231-0104, A-232-0081	877V, 914A
9DAN	DANISH		
9DEU	GERMAN	A-232-5017	889F
9ELL	GREEK	A-232-5018	890A, 987L
9EST	ESTONIAN		
9FIN	FINNISH		
9FRA	FRENCH	A-232-5008, A-232-6008*, K-431-5103**	877W, 914B*, 07VN**
9FUL	FULANI		
9GAN	CHINESE-GAN		
9GRN	GUARANI		
9GSW	GERMAN-SWISS		
9GUJ	GUJARATI		
9HAT	HAITIAN-CREOLE	A-232-0005*	993Z*
9HAU	HAUSA		
9HBS	SERBO-CROATIAN	A-232-5024*	437E*
9HEB	HEBREW	A-232-5009, A-232-6009	877X, 914C
9HIL	HILIGAYNON		
9HIN	HINDI	A-232-6032	993Y, 736F

NEC	LANGUAGE TITLE	CIN	CDP
9HYE	ARMENIAN	A-232-5085	0494
9IBO	IBO		
9IND	INDONESIAN	A-232-5087	048C
9ITA	ITALIAN	A-232-5020	890C
9JAV	JAVANESE		
9JPN	JAPANESE	A-232-5021	890D
9KAN	KANARESE		
9KAT	GEORGIAN	A-232-5086	048A
9KAZ	KAZAKH		
9KHM	CAMBODIAN	A-232-5084	0487
9KOR	KOREAN	A-232-6010, A-231-0102, A-232-0082	914D, 0228, 03BF
9KUR	KURDISH	A-232-5088	993X, 0490
9LAO	LAO		
9LAV	LATVIAN		
9LIN	LINGALA		
9LIT	LITHUANIAN		
9MAD	MADURESE		
9MAL	MALAYALAM		
9MAR	MARATHI		
9MDH	MAGINDANAON		
9MKD	MACEDONIAN		
9MLY	MALAY	A-232-5024*, A-232-6028*	890G*, 737G*
9MYA	BURMESE		
9NAN	CHINESE-AMOY (SOUTH MIN)		
9NEP	NEPALESE		
9NLD	DUTCH	A-232-5016*, A-3B-0030*	889E*, 0488*
9NOB	NORWEGIAN	A-3B-0031*	0492*
9ORI	ORYIA		
9OSS	OSSETIC		
9PAN	PUNJABI		
9PAP	PAPIAMENTO		
9PBT	PASHTO-AFGHAN	A-232-6029	987K
9PBU	PASHTO-PESHAWARI		
9PES	PERSIAN-FARSI (IRANIAN)	A-232-5011, A-232-6011	877Z, 914E
9POL	POLISH	A-232-5027*	890K*, 987M*
9POR	PORTUGUESE	A-232-5023	89OF
9PRS	PERSIAN-DARI (AFGHAN)	A-232-6026	737C
9PUS	PASHTO	A-232-6029	987K
9QAC	ARABIC-CLASSICAL		
9QAG	ARABIC-GULF		
9QAI	ARABIC-IRAQI		
9QAJ	ARABIC-JORDANIAN		
9QAL	ARABIC-SYRIAN		
9QAM	ARABIC-MAGHREBI		

NEC	LANGUAGE TITLE	CIN	CDP
9QAS	ARABIC-PENINSULA		
9QAY	ARABIC-YEMENI		
9QBS	VISAYAN OR BISAYAN		
9QGN	GREEK (NEW TESTAMENT)		
9QHN	HINDUSTANI		
9QLB	ARABIC-LEBANESE (LEVANTINE)	A-232-1280, A-232-1250	07KT, 07KP
9QLE	LATIN (ECCLESIASTIC)		
9QPB	PORTUGUESE-BRAZILIAN	A-232-5023	890F
9QPE	PORTUGUESE-EUROPEAN		
9QSA	SPANISH-AMERICAN		
9QSC	SPANISH-CREOLE		
9QSE	SPANISH-CASTILLIAN		
9QSO	SOTHO		
9QUE	QUECHUA		
9RON	ROMANIAN	A-232-5089*	0493*
9RUS	RUSSIAN	A-232-6012, A-232-5012*	914F, 878A*
9SAI	SOUTH AMERICAN		
9SEH	SENA		
9SLK	SLOVAK		
9SLV	SLOVENIAN		
9SND	SINDHI		
9SOM	SOMALI	A-232-6030	737J
9SPA	SPANISH	A-232-5013, A-232-6013	878B, 914G
9SQI	ALBANIAN	A-232-5082*	0485*
9SRN	TAKI-TAKI		
9SWA	SWAHILI		
9SWE	SWEDISH		
9TAM	TAMIL		
9TEL	TELUGU		
9TGK	TADJIK (TAJIK)		
9TGL	TAGALOG	A-232-5015	889D
9THA	THAI	A-232-5029	889N
9TIR	TIGRINYA		
9TSG	MORO		
9TUR	TURKISH	A-232-5030	890M
9UIG	UIGHUR		
9UKR	UKRAINIAN	A-232-5074*	958X, 2102
9URD	URDU	A-232-6031	993V, 737K*
9UZB	UZBEK		
9VIE	VIETNAMESE-HANOI	A-232-5014*, A-232-6014*	878C*, 914H*
9WOL	WOLOF		
9WUU	CHINESE-WU		
9YOR	YORUBA		
9YUE	CHINESE-CANTONESE	A-232-5094*	9312*

NEC	LANGUAGE TITLE	CIN	CDP
9ZHO	CHINESE		

NOTES:
1. Courses, CINs and CDPs:

a. Courses without CIN or CDP listed are not currently available. Courses can be developed if a requirement exists. Contact OPNAV (N13F) for further guidance.

b. CINs and CDPs marked with an asterisk "*" are deactivated per CANTRAC.

c. CINs and CDPs marked with a double asterisk "**" are Naval Special Warfare initial acquisition training courses.

2. NEC Code Awarding Criteria:

a. May be awarded for foreign language proficiency as measured by an approved Department of Defense (DoD) language proficiency test at the 1+ level in reading and the 1+ level for listening on the Interagency Language Roundtable (ILR) scale. May also be awarded for speaking proficiency at the 1+ level as measured by a DoD approved Oral Proficiency Interview (OPI) if no DoD proficiency test is available for the specific language.

b. Personnel awarded language NEC codes must recertify language proficiency annually, and report results to NETPDTC.

c. For languages that do not have a course or a DoD approved test or OPI, the NEC code may be awarded upon approval from OPNAV (N13F).

9ACH-9ZUN Language Capability (Personnel Only)
Identifies a foreign language in which an individual is proficient.

Source Rating: All
Course: See Note 1
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N13F)

Billet Paygrades:
CIN:
ESTB Date: 12/6/10 REV Date:
Related NEC:
Technical Advisor: NETWARCOM (N17)

Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

* See Note 2 for specific requirements to be awarded an NEC code in this series.

NEC	LANGUAGE	CIN	CDP
9ACH	ACHOLI		
9ADY	ADIGEY		
9AII	ASSYRIAN		
9AKA	AKAN		
9ALE	ALEUT		
9ALN	ALBANIAN-GHEG		
9ALS	ALBANIAN-TOSK		
9APA	APACHE		
9ASM	ASSAMESE		
9AVA	AVAR		
9AVE	AVESTAN		
9AYM	AYMARA		
9AZB	AZERBAIJANI, SOUTH		
9AZJ	AZERBAIJANI, NORTH		
9BAI	BAMILIKE		
9BAK	BASHKIR		
9BAR	GERMAN-BAVARIAN		
9BAS	BASSA (CAMAROONS)		
9BDQ	BAHNAR		

NEC	LANGUAGE TITLE	CIN	CDP
9BEJ	BEJA		
9BEL	BELORUSSIAN		
9BEM	BEMBA		
9BER	BERBER		
9BHB	BHILI		
9BIH	BIHARI		
9BIK	BICOL		
9BIN	BINI		
9BLA	BLACKFOOT		
9BOD	TIBETAN		
9BRE	BRETON		
9BRH	BRAHUI		
9BRI	BAKWERI		
9BSK	BURUSHASKI		
9BSQ	BASSA-KRU		
9BTB	BETI		
9BTK	BATAK		
9CAT	CATALAN		
9CEB	CEBUANO		
9CES	CZECH		
9CGG	CHIGA		
9CHA	GUAMANIAN		
9CHK	TRUKESE		
9CHO	CHOCTAW		
9CHR	CHEROKEE		
9CHU	OLD SLAVONIC		
9CHV	CHUVASH		
9CJK	CHOKWE		
9CKT	CHUKCHI		
9CLD	CHALDEAN		
9COP	COPTIC		
9COR	CORNISH		
9CPF	FRENCH CREOLE		
9CRE	CREE		
9CSB	KASHUBIAN		
9CYM	WELSH		
9CZH	CHINESE-ANHWEI		
9DAK	DAKOTA		
9DCR	DUTCH-CREOLE		
9DIN	DINKA		
9DIQ	DIMLI		
9DIV	DIVEHI		
9DOI	DOGRI-KANGRI		
9DUA	DUALA		
9DYU	MANDINGO-DIOULA		
9DZO	DZONGKHA		

NEC	LANGUAGE TITLE	CIN	CDP
9EFI	EFIK		
9EUS	BASQUE		
9EVN	TUNGUSU		
9EWE	EWE		
9EWO	EWONDO		
9FAO	FAROESE		
9FIJ	FIJIAN		
9FNG	FANA		
9FON	FON		
9FRC	CAJUN		
9FRO	OLD FRENCH		
9FRY	FRISIAN		
9FUD	FUTNIAN		
9FUF	FUUTA JALON		
9GAA	GA		
9GIL	KIRIBATI		
9GLA	SCOTCH-GAELIC		
9GLE	GAELIC		
9GLG	GALICIAN		
9GLK	GILAKI		
9GLV	MANX		
9GOG	GOGO		
9GOH	OLD HIGH GERMAN		
9GON	GONDI		
9GOT	GOTHIC		
9GRC	GREEK-ANCIENT		
9GUZ	GUSII		
9HAK	CHINESE-HAKKA		
9HAW	HAWAIIAN		
9HAY	HAYA		
9HBO	HEBREW-ANCIENT		
9HDY	HADIYYA		
9HER	HERERO		
9HMN	HMONG		
9HMO	PAPUAN		
9HOC	HO		
9HOP	HOPI		
9HSN	CHINESE-HSIANG		
9HUN	HUNGARIAN		
9HWC	HAWAIIAN CREOLE		
9IBA	IBAN		
9IBG	IBANAG		
9IJO	IJAW		
9ILB	ILA-TONGA		
9ILO	ILOCANO		
9ISL	ICELANDIC		

NEC	LANGUAGE TITLE	CIN	CDP
9JAM	ENGLISH CARIBBEAN CREOLE		
9JBN	ZERBA		
9JRA	JARAI		
9KAB	KABYLE		
9KAC	KACHIN		
9KAM	KAMBA		
9KAR	KAREN		
9KAS	KASHMIRI		
9KAU	KANURI		
9KBP	KABRE		
9KIK	KIKUYU		
9KIN	KINYARWANDA		
9KIR	KIRGHIZ		
9KMB	KIMBUNDU		
9KMR	KURMANJE		
9KOK	KONKANIS		
9KON	KIKONGO		
9KOS	KUSAIE		
9KPE	KPELLE		
9KPG	KAPINGAMARANGI		
9KPO	AKPOSSO		
9KRC	KARACHAI-BALKHAR		
9KRI	KRIO		
9KRU	KURUKH		
9KTB	KAMBATTA		
9KTU	KITUBA		
9LAD	LADINO		
9LAH	LAHNDA		
9LAM	LAMBA		
9LAT	LATIN		
9LCF	LUBU		
9LDD	LURI		
9LHU	LAHU		
9LIS	LISU		
9LJP	LAMPUNG		
9LKT	LAKOTA		
9LNS	KUMBO/LAMNSO		
9LOL	LOMONGO		
9LOM	LOMA		
9LUA	LUBA KASAI		
9LUB	LUBA KATANGA		
9LUE	LUVALE		
9LUG	LUGANDA		
9LUN	LUNDA		
9LUO	LUO		
9LUY	LUYIA		

NEC	LANGUAGE TITLE	CIN	CDP
9MAH	MARSHALESE		
9MAK	MAKASSAR		
9MAS	MASAI		
9MEN	MENDE		
9MER	MERU		
9MFA	MALAY PATTANI		
9MIN	MINANGKABAU		
9MIQ	MISKITO		
9MLG	MALAGASY		
9MLQ	MANDINGO-MALINKE		
9MLT	MALTESE		
9MNI	MEITHEI		
9MNP	CHINESE-FUCHOW		
9MON	MONGOLIAN		
9MOS	MOSSI		
9MRI	MAORI		
9MRL	MORTLOCKESE		
9MRW	MARANAO		
9MSI	PIZAR MALAY		
9MTQ	MUONG		
9MUS	MUSKOGEE		
9MWR	RAJASTHANI		
9MYE	MPONGWE		
9MYG	AMASHI		
9MYN	MAYA		
9MZN	MAZANDERANI		
9NAP	ITALIAN-NEAPOLITAN		
9NAU	NAURUAN		
9NAV	NAVAJO		
9NDE	NDEBELE		
9NGL	LOMWE		
9NIU	NIUE		
9NNO	LANDSMAL		
9NOD	LANNA		
9NON	OLD NORSE		
9NUB	NUBIAN		
9NUP	NUPE		
9NUT	NUNG		
9NYA	NYANJA		
9NYN	NYANKOLE		
9NYO	NYORO		
9OJI	OGIBWA		
9OOD	PAPAGO-PIMA		
9ORM	GALLA		
9PAG	PANGASINAN		
9PAM	PAMPANGAN		

NEC	LANGUAGE TITLE	CIN	CDP
9PAU	PALAUAN		
9PDC	PENNSYLVANIA DUTCH		
9PLI	PALI		
9PON	PONAPEAN		
9PRV	PROVENCAL		
9PUW	PULAP		
9QBA	BAULE		
9QBG	BUGINESE-MAKASSARESE		
9QCB	SPANISH-CARIBBEAN		
9QCS	CHINESE-SWATOW		
9QDK	KADAZAN-DUSUN		
9QDS	DJERMA-SONGHAI		
9QES	ESKIMO		
9QFB	FANG		
9QFO	FORMOSAN		
9QGD	GREEK DEMOTIC		
9QGK	GREEK KATHAREVOUSA		
9QKE	KERES		
9QKS	KISSI		
9QLO	LOLO		
9QMI	YAO (CHINA)		
9QMN	CHINESE-FUKIENESE		
9QMR	MORDVIN		
9QNC	VIETNAMESE-CENTRAL		
9QNG	NGBANI		
9QNS	VIETNAMESE-SAIGON		
9QPA	PAHARI		
9QRY	RYUKYUAN		
9QSB	KHERWARI		
9QSM	SAMA		
9QSN	SUKUMA-NYAMWEZI		
9QTH	TAPACHULA		
9QTO	CHINESE-TOISHAN		
9RAD	RHADE		
9RAR	ROROTONGAN		
9REJ	REJANG		
9RIF	TARIFT		
9ROH	RHAETO-ROMANCE		
9ROM	ROMANY		
9RUN	RUNDI/KIRUNDI		
9SAG	SANGO		
9SAH	YAKUT		
9SAN	SANSKRIT		
9SAS	SASAK		
9SAT	SANTALI		
9SCN	ITALIAN-SICILIAN		

NEC	LANGUAGE TITLE	CIN	CDP
9SDH	SORANI		
9SED	SEDANG		
9SHI	SHLUH		
9SHN	SHAN		
9SID	SIDAMO		
9SIN	SINGHALESE		
9SMI	LAPP		
9SMO	SAMOAN		
9SNA	SHONA		
9SNK	SONINKE		
9SOP	SONGE		
9SOU	PAKTAI		
9SRB	SARA		
9SRD	ITALIAN-SARDINIAN		
9SRR	SERER		
9SSW	SWATI		
9SUN	SUNDANESE		
9SUS	SUSU		
9SUX	SUMERIAN		
9SWB	COMORIAN		
9SYC	SYRIAC		
9SYL	SYLHETTI		
9SYR	ARAMAIC		
9TAH	TAHITIAN		
9TAT	TATAR		
9TCY	TULU		
9TEM	TEMNE		
9TET	TETUM		
9TIG	TIGRE		
9TIV	TIV		
9TKL	TOKELAUAN		
9TLL	OTETELA		
9TMH	TAMACHEK		
9TOI	TONGA-TOI		
9TOU	THO		
9TPI	PIDGIN ENGLISH		
9TSC	TSWA		
9TSN	TSWANA		
9TSO	TSONGA		
9TUK	TURKOMAN		
9TUM	TUMBUKA		
9TUP	TUPI		
9TVL	TUVULAN		
9TZM	TAMAZIGHT		
9ULI	ULITHI		
9UMB	UMBUNDU OR MBUNDU		

NEC	LANGUAGE TITLE	CIN	CDP
9VAI	VAI		
9VMW	MAKUA		
9VOL	VOLAPUK		
9WAL	WALAMO		
9WAR	WARAY-WARAY		
9WBM	WA		
9WEN	WENDISH		
9WES	WESCOS		
9WLS	WALLISIAN		
9WOE	WOLEAI		
9XHO	XHOSA		
9XOG	SOGA		
9YAO	YAO (MALAWI & MOZAMBIQUE)		
9YAP	YAPPESE		
9YID	YIDDISH		
9YKA	YAKAN		
9ZAP	ZAPOTECO		
9ZEN	ZENAGA		
9ZHA	T-UNG		
9ZNE	ZANDE		
9ZUL	ZULU		
9ZUN	ZUNI		

NOTES:

1. Courses, CINs and CDPs:

a. Courses without CIN or CDP listed are not currently available. Courses can be developed if a requirement exists. Contact OPNAV (N13F) for further guidance.

2. NEC Code Award Criteria:

a. May be awarded for foreign language proficiency as measured by an approved Department of Defense (DoD) language proficiency test at the 1+ level in reading and the 1+ level for listening on the Interagency Language Roundtable (ILR) scale. May also be awarded for speaking proficiency at the 1+ level as measured by a DoD approved Oral Proficiency Interview (OPI) if no DoD proficiency test is available for the specific language.

b. Personnel awarded language NEC codes must recertify language proficiency annually, and report results to NETPDTC.

c. For languages that do not have a course or a DoD approved test or OPI, the NEC code may be awarded upon approval from OPNAV (N13F).