CHAPTER IV

RATING SERIES AND SPECIAL SERIES NEC CODES

A. PURPOSE

Rating series NEC codes are for a limited number of ratings and are used for billet requirements and personnel assignment. Rating series NEC codes identify billet requirements (skill/knowledge requirements) beyond the skill and knowledge that the general rating would provide. Rating series NEC codes 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 NEC codes have the same purpose as Rating series NEC codes but in general, relate to a large number of ratings.

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

Headings associated with NEC code descriptions identified in this chapter are defined in paragraph B. The **YELLOW** shaded print denotes an update for the most current entries into this chapter.

B. DEFINITIONS

1. SOURCE RATINGS. Ratings eligible for NEC code 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 code. Commands requesting changes to manpower authorization should comply with these paygrade limits.

3. PERSONNEL PAYGRADES. The NEC code 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 code or whether the NEC code 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 code 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. 9/10/01) 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. 10/3/11) 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 awarding the principal NEC code to personnel. Under normal circumstances the Component NEC is removed once the principal NEC code is awarded. However, with sufficient justification for unique situations such as community management initiatives or legacy retainment purposes, the Component NEC may be retained in the members personnel record; the stipulation for retainment will be annotated in the NOTE section of the principal NEC code.

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.

17. NOTE (S). Contains additional information that is pertinent for the assignment of the NEC code to both billets and personnel. Identifies special qualifications associated with the NEC code (i.e. a security clearance, 20/20 vision, certifications); specific criteria for recertification and any related timelines shall also be addressed; any other special stipulations required for awarding and/or assignment. This section is also utilized to provide guidance for retaining the NEC code on billets for a period of time or occurrence such as the phasing-out/sun-downing of legacy equipment. For accurate NEC code management it is very important that the Primary and Technical Advisors conduct, ***at a minimum***, an annual review of ***ALL*** NEC codes under their purview for validity. The Catalog of Navy Training Courses (CANTRAC) is the authoritative source for specific training, certification/recertification, and other requisite requirements such as physical stature attributes that ***MUST*** be maintained by an individual.

C. NEC DESCRIPTIONS

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: 1		NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor:	Technical Advisor:	ECM: OPNAV (N13)

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

0091 - Fit for Continued Naval Service but Not Worldwide Assignable
Identifies and tracks personnel who have been determined as being "fit for continued service but are not worldwide assignable."

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 2/16/2012 REV Date:	NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor:	Technical Advisor:	ECM: OPNAV (N13)

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

0093 - Combat Zone Injury
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	ESTB Date: REV Date: 9/27/13	NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CNIC (N95)	Technical Advisor: CNIC	ECM: CNIC

NOTE: Tracking NEC code is awarded via the Wounded Warrior/Safe Harbor NPC liaison office- navywoundedwarrior@navy.mil.

0096 - Navy Wounded Warrior Service Member
Identifies Naval Personnel who suffer from a wound, injury, or illness that meets the Category II or Category III criteria identified in DoD Instruction 1300.24 and are enrolled in the Navy Wounded Warrior – Safe Harbor Program.

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: REV Date: 9/27/13	NR Ind:
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CNIC (N95)	Technical Advisor: CNIC	ECM: CNIC

NOTE: Tracking NEC code is awarded via the Wounded Warrior/Safe Harbor NPC liaison office- navywoundedwarrior@navy.mil.

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: 06HZ
Sequence Code: 6	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

0121 - NAMTS Rigger/Weight Tester

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in the repair of rigging equipment, providing general rigging and manufacturing services, and the weight testing of equipment, fixtures, ladders, handrails and elevators. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: BM, DC, EM, EN, GS, GSE, GSM, HT, IC, MM, MR	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN: V-060-0120 (P/L)	CDP: 00U9, 666T, 666U, 666X, 666Y, 666Z, 6678, 6679, 11WU, llWV, 12GS
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 6/24/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-40

BOATSWAIN'S MATE

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: Mandatory	CIN: K-062-0055	CDP: 07B2, 07B3
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC: 0169	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC SSPO	ECM: BUPERS-32

NOTES:
1. Active duty and naval reserve personnel may earn this NEC code by completion of PQS/OJT.
2. Last reviewed during “GM HPRR” completed 6/6/12.

0161 - Tugmaster

Operates YTB/YT tugs to assisit 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: 3/19/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Candidates for and personnel holding this NEC code must meet and maintain qualification standards (including physical requirements) contained in OPNAVINST 3171.2.
2. Must be a second class swimmer per NAVPERS 15560C.
3. Must pass night vision test.
4. Color vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP).
5. Last reviewed during “BM HPRR” completed 3/19/12.

0164 - Patrol Boat Coxswain

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: 3/19/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC may be earned by OJT. If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.
2. Last reviewed during “BM HPRR” completed 3/19/12.

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: All	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: K-062-0100 K-062-0120	CDP: 0621, 424H 04SD, 04SE
Sequence Code: 2	ESTB Date: REV Date: 1/4/16	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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 code candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
5. NEC code 0167 will be awarded upon successful completion of Advanced qualification Training (AQT) conducted by parent unit's training department.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC SSPO	ECM: BUPERS-32

NOTES:

1. Active duty and naval reserve personnel may earn this NEC code by completing applicable PQS/OJT.
2. Must be a second class swimmer per NAVPERS 15560C.
3. Color vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP).
4. Last reviewed during "GM HPRR" completed 6/6/12.

0170 - Surface Rescue Swimmer

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

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-050-0500	CDP: 6952, 889Y
Sequence Code: 5	ESTB Date: 1/1/93 REV Date: 3/19/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Candidate Prerequistis:

- BE A VOLUNTEER. Open to all shipboard ratings.
- Remain in a NON-Duty status for the duration of the Surface Rescue Swimmer training.
- Complete Surface Rescue Swimmer Physical per manual of Medical Department, Section III and ART. 15-71 within one year.
- Report to Rescue Swimmer School(RSS) with PRIMS data sheet indicating member scored good or better on PFA within 9 months of class convening date.
- Complete Physical Readiness Assessment Screen (PRS) within 3 months of class convening date.
- Receive Commanding Officer's recommendation.
- Have no record of conviction by court martial and not more than one non-judicial punishment during the 18 months preceding assignment to school.
- Have no pending disciplinary action.
- Be designated a second-class swimmer per NAVPERS 15560C, Must pass Rescue Swimmer School (RSS) PRES, which consists of the following (in this order): 2 pull-ups, 50 curls-ups(2 minutes maximum), 42 push-ups(2 minutes maximum), 1.5 mile run(12 minutes maximum), 400 meter swim(crawl or side stroke in Navy swim suit only(swim goggles optional))(11 minutes maximum).
- Fleet RSS inputs must possess a page 13 service record entry by TYCOM SAR evaluator certifying the member's satisfactory completion of RSS PRES requirements. Candidates can not have attrited by means of Drop on Request (DOR) from any high-risk training course within the past two years. This requirement is waiverable by the CCMM on a case-by-case basis. Basic Underwater Demolition/Sea 1(BUD/S) training and Explosive Ordnance Disposal (EOD) DOR candidates do not need a waiver.

2. Last reviewed during "BM HPRR" completed 3/19/12.

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: Mandatory	CIN: G-060-0613	CDP: 07UN
Sequence Code: 4	ESTB Date: REV Date: 3/19/12	NR Ind: A
Component NEC:	Related NEC: 0164	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. 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.
2. Last reviewed during "BM HPRR" completed 3/19/12.

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: ABH, BM, GSE, GSM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-062-0020	CDP: 6051, 6052
Sequence Code: 4	ESTB Date: REV Date: 9/30/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Must pass night vision test.
2. Color vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP).
3. Must be a second class swimmer per NAVPERS 15560C.
4. NEC code will be awarded after completion of Advanced Qualification Training (AQT) and qualification check ride.

0180 - Causeway Lighterage Craftmaster

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

Source Rating: BM	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: K-062-0110	CDP: 00SC, 05TA
Sequence Code: 3	ESTB Date: 5/27/10 REV Date: 3/19/12	NR Ind: A
Component NEC:	Related NEC: 0160, 0169	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC	ECM: BUPERS-32

NOTES:
1. Must be second class swimmer qualified and have normal color perception.
2. Last reviewed during “BM HPRR” completed 3/19/12.

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).

Source Rating: BM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: K-551-0101	CDP: 04H9, 04HA
Sequence Code: 3	ESTB Date: 5/27/10 REV Date: 3/19/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC	ECM: BUPERS-32

NOTES:
1. Must be second class swimmer qualified and have normal color perception.
2. Must pass night vision test.
3. Last reviewed during “BM HPRR” completed 3/19/12.

0190 - Force Protection Boat Coxswain

Utilizes advanced operations and tactics to operate high-speed security boats. These skills will provide security zones around shipping, High Value Assets (HVAs), ports, and other assets designated as vital to national security.

Source Rating: BM, EM, EN, GM, MA, QM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-062-0050	CDP: 03ZF
Sequence Code: 9	ESTB Date: 7/18/11 REV Date: 8/19/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC, CNIC	Technical Advisor: CSF	ECM: BUPERS-32

0202 - Assistant Navigator

Provides assistance to the Navigator in all aspects of navigation, piloting, and administration of navigation. Responsible for proper preparation of the various reports by higher authority.

Source Rating: QM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: J-4N-0009	CDP: 09GN
Sequence Code: 2	ESTB Date: 3/4/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTE: Secret security clearance required.

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: BM, QM, OS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2	ESTB Date: 7/18/11 REV Date: 9/26/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Member must have earned NEC code 0161 or 0167 or 0171 or qualified as OOD U/W to be awarded this NEC code.
2. NEC 0215 is “Closed Loop” once Unlimited Tonnage NEC 0215 is achieved.
3. Once the Harbor Pilot nomination package has been assembled and 1306/927 approved through member’s Chain of Command, it shall be sent to the Office of the Chief Pilot, Little Creek, VA for review and selection.
4. Last reviewed during “QM HPRR” completed 9/26/11.

OPERATIONS SPECIALIST

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
Sequence Code: 5	ESTB Date: 10/87 REV Date: 9/9/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “CIN/CDP” refresh completed 9/9/11.

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: AT, AWF, AWO, AWR, AWS, AWV, ET, FC , MN, OS, QM	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-193-0436 K-062-0120	CDP: 0623, 424K 04SD, 04SE
Sequence Code: 3	ESTB Date: REV Date: 9/30/15	NR Ind: N
Component NEC:	Related NEC: 14TK	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.
7. NEC code will be awarded after completion of Advanced Qualification Training (AQT) and qualification check ride.

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.

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: 4/10/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel who have maintained Air Controller proficiency and DNEC as an AICS will continue to receive SDAP at the 0318 level as prescribed in BUPERS NAVADMIN.
2. Last reviewed during “OS HPRR” completed 4/10/12.

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: 4/10/12	NR Ind: N
Component NEC: 0318	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel who have maintained air control proficiency and DNEC as an AICS will continue to receive SDAP at the 0319 level as prescribed in BUPERS NAVADMIN.
2. Last reviewed during “OS HPRR” completed 4/10/12.

0324 - ASW/SUW Tactical Air Controller (ASTAC)

Duties include basic air control, Antisubmarine Warfare (ASW) aircraft overview, emergency procedures, basic underwater sound, mission planning, special alert, Recovery, Assist, Securing & Traversing (RAST) pre-launch/launch procedures, tracking procedures, dipping procedures, relief on-station procedures, ASW plot stabilization procedures, attack/re-attack procedures, ship and air system failure, data link failures, CZ re-detection tactics, ship/aircraft sensors, Over-The-Horizon (OTH) targeting tactics, damage assessment, shallow water considerations, combat Search And Rescue (SAR), dissimilar 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: 1/1/1993 REV Date: 5/22/2013	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel who have maintained their Air Controller (AC) proficiency as an ASTAC will continue to receive Special Duty Assignment Pay (SDAP) at the NEC code 0324 level as prescribed in BUPERS NAVADMIN.
2. Last reviewed during "OS HPRR" completed 5/22/13.

0327 - Sea Combat Air Controller (SCAC)

Controls and tactically employs various service combat aircraft in support of the SEA Combat Commander (SCC) and Air Defense Commander (ADC) during Undersea Warfare (USW), Surface Warfare (SUW), and Anti-Air Warfare (AAW) operations.

Source Rating: OS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-221-0001	CDP: 3885, 06H8
Sequence Code: 4	ESTB Date: 1/1/1999 REV Date: 5/22/2013	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "OS HPRR" completed 5/22/13.

0328 - ASW/ASUW Tactical Air Control (ASTAC) Leadership

Responsible for the oversight of Anti-Submarine/Anti-Surface Warfare (ASW/ASUW) Tactical Air Control (ASTAC) training and inspection of Fleet ASTACs to ensure skill proficiency is maintained and to identify E7-E9 personnel not in an ASTAC operational billet, but having been previously qualified to hold the component Navy Enlisted Classification (NEC).

Source Rating: OS	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 7/1/2008 REV Date: 5/22/2013	NR Ind: N
Component NEC: 0324	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum of 3 years shipboard experience is required.
2. NEC code 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.
4. Last reviewed during “OS HPRR” completed 5/22/13.

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: 7/13/11	NR Ind: R
Component NEC: 1169	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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.
3. Last reviewed during “OS HPRR” completed 7/13/11.

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: 7/13/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “OS HPRR” completed 7/13/11.

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	CDP: 01TR, 01TP
Sequence Code: 3	ESTB Date: 3/7/2006 REV Date: 5/14/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: CYBERFOR (N17/N1B)	ECM: BUPERS-32

NOTES:
1. A Secret security clearance is required.
2. To attend A-221-0086 Global Command and Control System/Maritime (GCCS-M 3.X to GCCS-M 4.X difference course) course, personnel must have previously attended J-221-2311 (NEC code 0342). Personnel not holding NEC code 0342 are recommended to attend A-221-0069. Both CINs award NEC code 0340.

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 database information and management functions, communications operations, and Common Tactical Picture Manager (CTPM) functions, utilizing the Unified Build (series) software; maintains the Common Operational Picture (COP) and provides input to the Common Tactical Picture (CTP) at the unit, strike group, component commander, joint and coalition levels. These functions are performed at both afloat and ashore commands. GCCS-M 3.x training is accomplished via interactive courseware (ICW), 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: JQR	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 4/10/13	NR Ind: A
Component NEC:	Related NEC: 0340	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTES:

1. To earn the NEC, personnel must have previously attended CIN: A-221-0069 (NEC 0340), completed the GCCS-M 3.x Differences ICW, successfully pass the GCCS-M 3.x Differences post-course assessment on Navy Knowledge Online (NKO), and submit NAVPERS 1221/6 to PERS-4013 for awarding of this NEC code.
2. The GCCS-M 3.x Differences ICW is available for download on SAILOR Web (https://sailor.nmci.navy.mil/Authentication/LoginForm.cfm)

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: 02P9
Sequence Code: 4	ESTB Date: REV Date: 8/8/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 4/10/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA-05	ECM: BUPERS-32

NOTES:

1. This NEC code may be earned by completion of formal training course S-221-0038 or OJT with one year operational experience on the OJ-719/720 AEGIS computer console and AEGIS computer baseline 6.3; qualified as NAVEDTRA 43398-13 AEGIS Display System Operator (ADSO), and Surface Subsurface Warfare Supervisor (SWS). OJT based on Commanding Officer's recommendation.
2. Submit NAVPERS 1221/6 to PERS-4013D2.
3. Last reviewed during "OS HPRR" completed 4/10/12.

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: 7/13/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTE: Last reviewed during "OS HPRR" completed 7/13/11.

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	CIN: K-221-0124	CDP: 378F, 382N, 783A
Sequence Code: 4	ESTB Date: REV Date: 4/10/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel assigned to a billet other than a 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 a 0348 billet.
2. NAVPERS 1221/6 will be submitted to PERS-4013D2 to remove the 0348 NEC code for personnel who fail to qualify.
3. Last reviewed during "OS HPRR" completed 4/10/12.

0349 - SSDS MK 2 Advanced Operator

Operates Ship Self Defense System (SSDS) MK-2 consoles and manipulates console controls to access features of the MK-2 operational program in support of ship's missions onboard CVN, LHD, and LPD-17 class ships. Assists in development of tactical doctrine, enters tactical doctrine into SSDS MK-2, 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: 10/1/2001 REV Date: 5/22/2013	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "OS HPRR" completed 5/22/13.

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	NR Ind: A
Component NEC: 0348	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Specified Watchstanders are E7-E9. E6 Watchstanders are waiverable by Joint Interface Control Officer (JICO).
2. Last reviewed during "OS HPRR" completed 11/16/10.

0356 - Global Command and Control System-Maritime (4.1) Increment 2 (GCCS-M 4.1 Inc 2) 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 Operational Picture (COP) and provides input into the Common Tactical Picture (CTP) at the Unit, Battle Group, Component Commander, Joint and Coalition levels. These functions are performed on the GCCS-M 4.1 Inc 2 system at both afloat and ashore commands.

Source Rating: CTT, FC, IS, MN, OS, STG	Billet Paygrades: E1-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-221-0201	CDP: 09WS, 09WT
Sequence Code: 3	ESTB Date: 2/19/13 REV Date: 4/3/2013	NR Ind: A
Component NEC:	Related NEC: 0342	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: Secret security clearance required.

SONAR TECHNICIAN (STG/STS)

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-E9
Course: Mandatory	CIN: K-130-0245 (P/L)	CDP: 052D
Sequence Code: 5	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC: 0406	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

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: A-130-0051(P/L)	CDP: 10FX
Sequence Code: 6	ESTB Date: REV Date: 8/4/14	NR Ind: R
Component NEC:	Related NEC: 0411, 0508, 0511	Open to Women: No
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 8/4/14.

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: 06JP
Sequence Code: 4	ESTB Date: REV Date: 4/25/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 4/25/12.

0411 - AN/SQQ-89(V)4/6 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	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC: 0406, 0511	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

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

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) K-130-0282	CDP: 235J 091F
Sequence Code: 5	ESTB Date: 4/1/1987 REV Date: 4/10/2013	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE. Last reviewed during "STG HPRR" completed 4/10/13.

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
Sequence Code: 5	ESTB Date: 4/1/1989 REV Date: 4/10/2013	NR Ind: N
Component NEC: 0406 or 0411	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTES:
1. Personnel who previously completed K-130-1123 or K-130-0272 are eligible to be awarded NEC code 0415.
2. Last reviewed during "STG HPRR" completed 4/10/13.

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	ESTB Date: REV Date: 7/30/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: ONI	ECM: BUPERS-32

1. ONI responsible for ensuring that personnel assigned to ride on submarines are physically qualified to perform duty onboard submarines.
2. Personnel who are assigned to a billet other than a NEC code 0416 billet for more than a two year period must re-qualify at Farragut Technical Analysis Center, COMSUBGRU TWO, or COMSUBPAC SSEP prior to being reassigned to an NEC code 0416 billet. Farragut Technical Analysis Center will submit a NAVPERS 1221/6 to remove NEC code 0416 from personnel who fail to qualify .
3. STS personnel must successfully complete an 18-22 month training program (at either UIC 50592, UIC 50593 or UIC 50594) and receive board qualification at Farragut Technical Analysis Center for award of NEC code 0416.
4. STG personnel must successfully complete an 18-22 month training program (at UIC 50594) and receive board qualification at Farragut Technical Analysis Center for award of NEC code 0416 .

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: Mandatory	CIN: K-210-0500	CDP: 1271
Sequence Code: 2	ESTB Date: REV Date: 4/25/12	NR Ind: R
Component NEC: 0466, 0523 or 0527	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel attending NEC code 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.
2. Last reviewed during "STG HPRR" completed 4/25/12.

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	ESTB Date: REV Date: 5/15/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 5/15/15.

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: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-130-1149	CDP: 378N
Sequence Code: 4	ESTB Date: REV Date: 7/31/13	NR Ind: R
Component NEC: 0411 or 0511	Related NEC: 0516	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTES:
1. E4 personnel that have completed the criteria for earning NEC code 0430 will be awarded the NEC after attaining the paygrade of E5.
2. Costs associated with training E4 Sailors on TYCOM waiver will be the burden of their parent command.

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	ESTB Date: 4/1/1986 REV Date: 4/3/2013	NR Ind: R
Component NEC: 7841 or 7842	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code of 7841 or 7842 is a requirement for AWO personnel only. Personnel will retain NEC code 7841 or 7842 upon being awarded NEC code 0450.

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)	CDP: 235M
Sequence Code: 5	ESTB Date: 4/1/1989 REV Date: 4/10/2013	NR Ind: R
Component NEC: 0411	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE. Last reviewed during “STG HPRR” completed 4/10/13.

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	ESTB Date: REV Date: 5/15/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/15/15.

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: 8/12/14	NR Ind: R
Component NEC: 0450	Related NEC: 0527	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTES:
1. Component NEC requirements are waived for personnel holding either NEC codes 0523 or 0527.
2. NEC code 0527 is an acceptable substitute for NEC code 0466.

0501 - Sonar (Submarines) Leading Chief Petty Officer

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

Source Rating: STS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-130-0460	CDP: 08T1, 08T2
Sequence Code: 3	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Sailors awarded NEC STS-0501 under its previous requirements will retain the 0501 NEC Code.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/1994 REV Date: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. No new assignment/awarding of this NEC code.
2. NEC code will be retained in the NEC manual to support legacy billet requirements and will be disestablished once replacement NEC code skill set is completely implemented.
3. Last reviewed during “STG HPRR” completed 8/19/13.

0506 - IUSS Maintenance Technician

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

Source Rating: STG, STS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/1994 REV Date: 7/30/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: PEO SUBS PMS 485	ECM: BUPERS-32

NOTE: NEC code will be earned through on the job training (OJT). Once determined that OJT experience supports awarding NEC code 0506, submit NAVPERS 1221/6 (with appropriate documentation attached) to PERS-4013 indicating that the members meets the requisite criteria.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 8/19/13	NR Ind: A
Component NEC: 0505	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. No new assignment/awarding of this NEC code.
2. NEC code will be retained in the NEC manual to support legacy billet requirements and will be disestablished once replacement NEC code skill set is completely implemented.
3. Last reviewed during "STG HPRR" completed 8/19/13.

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	ESTB Date: REV Date: 4/25/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 4/25/12.

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: A-130-0052 (P/L)	CDP: 10FY
Sequence Code: 5	ESTB Date: REV Date: 7/17/14	NR Ind: N
Component NEC: 0511	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 7/17/14.

0511 - AN/SQQ-89(V) 11/12 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	ESTB Date: REV Date: 4/25/12	NR Ind: N
Component NEC:	Related NEC: 0406, 0411, 0508	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 4/25/12.

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-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0314	CDP: 199N
Sequence Code: 5	ESTB Date: REV Date: 3/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Members who previously completed CIN: A-130-0357(P/L) shall maintain this NEC code.
2. Secret security clearance required.

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-E9
Course: Mandatory	CIN: A-130-0410 A-130-0009	CDP: 06RA, 06RB, 06RC, 07XO 750U
Sequence Code: 4	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC: 0530	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Sailors awarded NEC code 0518 under its previous requirements will retain NEC code. Furthermore, all STS personnel who have earned a legacy NEC code will have their records amended to indicate both the legacy and 0518 NEC code.
2. Members who previously completed CINs: A-130-0010 or A-130-0038 shall maintain this NEC code.

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: 3/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: 4/04 REV Date: 8/12/14	NR Ind: R
Component NEC:	Related NEC: 0524	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code 0524 is an acceptable substitute for NEC code 0521.

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-130-0043 (P/L)	CDP: 10FW
Sequence Code: 4	ESTB Date: 4/04 REV Date: 7/17/14	NR Ind: R
Component NEC: 0521	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 7/17/14.

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	ESTB Date: 4/04 REV Date: 8/12/14	NR Ind: R
Component NEC: 0521, 0450	Related NEC: 0527	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code 0527 is an acceptibale substitute for NEC code 0523.

0524 - AN/SQQ-89A(V)15/(V)15 EC204 Surface Ship USW Combat Systems Senor Operator

Performs AN/SQQ-89A(V)15/(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	ESTB Date: 10/04 REV Date: 8/12/14	NR Ind: R
Component NEC:	Related NEC: 0521	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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-130-0040 (P/L)	CDP: 09W1
Sequence Code: 4	ESTB Date: 10/04 REV Date: 7/17/14	NR Ind: R
Component NEC: 0524	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Member must attend NEC code 0524 course of instruction prior to attending NEC code 0525 training.
2. Last reviewed during "STG HPRR" completed 7/17/14.

0527 - AN/SQQ-89A(V)15/(V)15 EC204 Surface Ship USW Combat Systems Journeyman

Directs, coordinates, monitors, and manages the performance of AN/SQQ-89A(V)15/(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	ESTB Date: 10/04 REV Date: 8/12/14	NR Ind: R
Component NEC: 0450, 0524	Related NEC:0466, 0523	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC code 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.
3. NEC code 0466 is not an acceptable substitute for NEC Code 0527.

0530 - AN/BQQ-10(V) TI-10/12 Operator/Maintainer

Operates and performs organizational level maintenance on all assigned AN/BQQ-10(V) TI-10/12 Sonar Systems. Conducts preventative maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: STS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0411	CDP: 09LR, 09LT, 09LU, 09LV
	A-130-0412	10L0, 10L1, 10L2
Sequence Code: 4	ESTB Date: 12/14/11 REV Date: 3/13/15	NR Ind: R
Component NEC:	Related NEC: 0518	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Must be physically qualified for submarine duty.

0540 - AN/SQQ-34C (V) 2 Aircraft Carrier Tactical Support Center (CV-TSC) Operator

Supports the mission of the CV-TSC through utilization of the tactical and sensor functions of the AN/SQQ-34 (V) 2 system and supporting peripheral equipment. Performs AN/SQQ-34C (V) 2 set-up and configuration based on mission task. Operates the Chart Workspace, Acoustic Sensor Workspace, Radar and Camera Workspace, Aircraft Mananagement Workspace, Mission Support Workspace, and Help Workspace to support all facets of carrier based Anti-Submarine Warfare (ASW), Surface Surveillance, Search and Rescue (SAR), and operations conducted by organic (MH-60R) and inorganic (P-3/P-8/NATO) tactical aircraft. Tasks include: employment of a digital tactical plot and Tactical Decision Aids (TDA); sensor processing and data analysis; environmental data collection and analysis; mission planning and reconstruction; interpretation of and writing maaritime formatted messages; the employment of a tactical and sensor data link with organic aircraft; and the mission and aircrew support funtions associated with organic tactical aircraft. Recognizes and interprets system alerts and degraded/casualty indications.

Source Rating: AW, AWR, STG	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-210-0046	CDP: 10US
Sequence Code: 4	ESTB Date: 5/15/2013 REV Date:	NR IND: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: PEO IWS 5.0	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Navy Enlisted Classification (NEC) code may be awarded to individuals who have completed AN/SQQ-34V2 In-Service Engineering Agent Factory Training.

0541 - AN/SQQ-34C (V) 2 Aircraft Carrier Tactical Support Center (CV-TSC) Maintenance Technicians

Supports the operational mission of the CV-TSC and will maintain functional capabilities of the AN/SQQ-34 (V) 2 system and supporting peripheral equipment. CV-TSC supports all facets of carrier based Anti-Submarine Warfare (ASW), surface surveillance, Search and Rescue (SAR), and operations conducted by organic (MH-60R) and inorganic (P-3/P-8/NATO) tactical aircraft. Performs system light-off/shut-down, and Organizational Level (OL) maintenance on all AN/SQQ-34C (V) 2 network equipment and associated peripherals. Recognizes and interprets system alerts and degraded/casualty indications and malfunctions. Utilizes Resource Manage built-in Performance Monitoring/Fault Localization (PM/FL) function to locate and correct faults to the Lowest Replaceable Unit (LRU) on CV-TSC Interface Processor System (IPS), AN/UYQ-107 Digital Computer System Common Processor System (CPS), OJ-827 (V) 1/U Data Display Group Common Display System (CDS), and commercially obtained printers and large screen display units. Performs Preventative Maintenance (PM) procedures as delineated in prescribed maintenance requirements documentation.

Source Rating: STG	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-102-0141	CDP: 10UN
Sequence Code: 4	ESTB Date: 5/10/2013 REV Date: 9/9/13	NR IND: R
Component NEC: 0540	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: PEO IWS 5.0	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Navy Enlisted Classification (NEC) code may be awarded to individuals who have completed AN/SQQ-34V2 In-Service Engineering Agent Factory Training.

0550 - Integrated Undersea Surveillance System (IUSS) Passive Sensor Operator (PSO)

Conducts broad ocean surveillance for ocean-borne acoustics and conducts contact detection, initial analysis, classification, positioning, and reporting on surfaced and submerged contacts detected using FSS sensors and SURTASS sensors.

Source Rating: AWO, AWR, STG, STS	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-130-0503	CDP: 07YY
Sequence Code: 4	ESTB Date: 12/4/12 REV Date:	NR Ind: N
Component NEC:	Related NEC: 0505	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)/(N98)	Technical Advisor: PEO LMW PMS 485	ECM: PERS-31, PERS-32

NOTE: Secret security clearance required.

0551 - Integrated Undersea Surveillance System (IUSS) Supervisor

Performs supervisory tasks related to the detection, analysis, localization, and reporting of ocean-borne acoustics on the FSS and SURTASS sensors. Specific tasks include target motion analysis (TMA) and track development, multi-sensor correlation, mission planning, and Quality Assurance/contact reconstruction.

Source Rating: AWO, AWR, STG, STS	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-130-0505	CDP: 07YZ
Sequence Code: 3	ESTB Date: 12/4/12 REV Date:	NR Ind: N
Component NEC: 0505 or 0550	Related NEC: 0507	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)/(N98)	Technical Advisor: PEO LMW PMS 485	ECM: PERS-31, PERS-32

NOTE: Secret security clearance required.

0552 - Integrated Undersea Surveillance System (IUSS) Low Frequency Active (LFA)/Compact Low Frequency Active (CLFA) Operator

Conducts search, detection, and reporting of complex active transmissions utiliizing the LFA/CLFA sensors; conducts marine mammal mitigation; and generates in-situ modeling of the ocean acoustics for optimized sensor performance.

Source Rating: STG	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-130-0504	CDP: 07Z0
Sequence Code: 4	ESTB Date: 12/4/12 REV Date:	NR Ind: N
Component NEC: 0505 OR 0550	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)	Technical Advisor: PEO LMW PMS 485	ECM: PERS-32

NOTE: Secret security clearance required.

0553 - Integrated Undersea Surveillance System (IUSS) SURTASS Mission Commander

Directs the safe and effective employment of SURTASS mission equipment, directs contact search and reporting, directs pre-mission and in-situ sonar search planning, generates/evaluates Target Motion Analyst (TMA) solutions, and liaises with supported Fleet Battle Watch Captain (BWC)/Theater Anti-submarine Warfare Officer (TASWO).

Source Rating: STG	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-130-0507	CDP: 07Z2
Sequence Code: 2	ESTB Date: 12/4/12 REV Date:	NR Ind: N
Component NEC: 0552	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)	Technical Advisor: PEO LMW PMS 485	ECM: PERS-32

NOTE: Secret security slearance required.

GUNNER'S MATE

0746 - Advanced Undersea MK-46 Maintenance 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.

Source Rating: GM, AO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-123-0174	CDP: 012T
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

0750 - Torpedo MK 48 Heavyweight Off-Line Technician - NEC Code Disestablished
- Recode all MMW billets and personnel to 4236.
- Recode all GM billets and personnel to 0000.

0751 - Torpedo MK 48 Heavyweight On-Line Technician - NEC Code Disestablished
- Recode all ETV, FT, MM and STS billets and personnel to 4236.
- Recode all GM billets and personnel to 0000.

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, BU, CE, CM, EA, EO, EOD, FC, GM, MA, MMW, MN, ND, SB, SO, STG, SW, UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0148	CDP: 0165, 703H, 691K
Sequence Code: 7	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N98)	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 ratings AW, AWR, and AWS must hold NEC code 7815 prior to assignment of this NEC code.
3. For all ratings other than AO, AW, AWR, AWS, BU, CE, CM, EA, EO, EOD, FC, GM, MA, MMW, MN, ND, SB, SO, STG, SW and UT, the NEC code can be awarded to personnel but will not be used to identify billets.

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, BU, CE, CM, EA, EO, EOD, FC, GM, MA, MMW, MN, ND, SB, SO, STG, SW, UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-830-2215	CDP: 00C6, 03JU
Sequence Code: 7	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES: For all ratings other than AO, AW, BU, CE, CM, EA, EO, EOD, FC, GM, MA, MMW, MN, ND, SB, SO, STG, SW and UT, the NEC code can be awarded to personnel but will not be used to identify billets.

0857 - 25mm Machine Gun System (MGS) MK 38 MOD Gun Weapon System (GWS) Technician

Operates and maintains the 25mm MGS MK 38 MOD GWS. Performs preventive maintenance, failure detection, and fault isolation using Built-In-Test (BIT) equipment to perform organizational level maintenance.

Source Rating: AO, FC, GM	Billet Paygrades: E1-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-041-0004	CDP: 10V3, 10V4
Sequence Code: 4	ESTB Date: 3/3/15 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Tech Advisor: NAVSEA 05H	ECM: BUPERS-32

NOTES:

1. Personnel who have previously completed CINs A-041-0003 and CIN J-041-2236 difference courses are eligible to earn NEC code 0857 without completing CIN A-041-0004.
2. Personnel in other source ratings in addition to FC, AO and GM are also eligible to be awarded NEC 0857, but the additional source ratings will not be assigned to billets.

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: Mandatory	CIN: A-113-0039	CDP: 06LT
Sequence Code: 4	ESTB Date: 9/1/09 REV Date: 5/28/15	NR Ind: A
Component NEC:	Related NEC: 0879	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. The NEC code 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.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

0878 - MK-75 Operator/Maintainer

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: 10F5
Sequence Code: 4	ESTB Date: 7/1/1975 REV Date: 4/10/2013	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Due to FFG class ship decommissioning schedule, all training requirements are shifted to US Coast Guard (USCG) MK 75 Operations and Maintenance Course code 500977 beginning FY13 through FY17.
2. Current required Course of Instruction (COI) is located in Dam Neck, VA, and future required COI beginning in 01/2013 will be located in Yorktown, VA at the USCG Training Center.

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: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

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
	A-113-2102	735F
Sequence Code: 4	ESTB Date: REV Date: 12/10/14	NR Ind: R
Component NEC:	Related NEC: 0879	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code may be earned by completion one of the following means:

a. Completion of CIN A-113-2102, 5 Inch 62 Caliber MK 45 MOD 4 Gun Mount.
b. Completion of CIN A-113-1118, 5 Inch 54 Caliber Gun Mount MK 45 MOD 2 Operation and Maintenance and CIN A-113-2101, MK 45 MOD 4 Operation and Maintenance Difference Course.

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: 6/6/12	NR Ind: R
Component NEC: 0981	Related NEC: 0983	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

0981 - MK-41 Vertical Launching System 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.

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: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

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: 6/6/12	NR Ind: N
Component NEC: 0981	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

1050 - ACB-12 Gun Computer System (GCS) MK 160 MODs 14-16/Electro-Optical Sensor System (EOSS) MK 20 MOD 0 Fire Control (FC) Technician

Performs operation and preventative/corrective maintenance for Gun Computer System (GCS) MK 160 MODs 14-16 and Electro-Optical Sensor System (EOSS) MK 20 MOD 0 at the Journeyman level, onboard applicable Arleigh Burke (DDG) and Ticonderoga (CG) class hulls, as supported by applicable technical documentation. Performs operational, fault isolation, testing, alignment, and repair/replacement procedures on individual GCS MK 160/EOSS MK 20 equipment, and at the Gun Weapon System (GWS) MK 34 level both in-port and underway.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0047	CDP: 09M6
Sequence Code: 5	ESTB Date: 11/21/11 REV Date:	NR Ind: N
Component NEC:	Related NEC: 1120, 1139, 1146, 1116	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Secret security clearance required.

1080 - Close-In Weapon System (CIWS) Phalanx Block 1B Baseline 2 Technician

Performs preventative and corrective maintenance on assigned equipment at the organizational and/or intermediate level using ordnance publications, circuit diagrams, and other appropriate documentation to include the signal processor, signal source, improved mixer, single-board video tracker, and digital resolvers. Performs casualty analysis and fault isolation. Operates, tests, aligns and repairs individual equipment, overall system and associated interfaces. Performs search, threat evaluation, acquisition, tracking, engagement and kill assessment of assigned targets. Operates Local Control Station (LCS), WinPASS 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-113-0048	CDP: 09M9, 09MA
Sequence Code: 5	ESTB Date: 2/2/12 REV Date:	NR Ind: A
Component NEC: 1122	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

1091 - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X Technician

Performs preventive and corrective maintenance on the BMD 4.X system and associated components following the BMD 4.X installation. Technicians perform maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 4.X Operational Readiness Test System (ORTS) and supporting work package documentation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-4208	CDP: 09MP
Sequence Code: 3	ESTB Date: 4/10/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1111 or 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:

1. Awarding of NEC code 1111 or 1144 and attendance in a Tactical Operating Environment (TACTOE) or Networking course (A-150-0194 or A-150-0195) is a prerequisite to attend the A-150-4208/09MP and earning this NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1093 - AEGIS Radar System (SPY-1) Ballistic Missile Defense (BMD) 4.X Technician

Performs preventative and corrective maintenance on the SPY-1 BMD 4.X system and associated components following the BMD 4.X installation on Cruisers and Destroyers. Technicians will perform maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 4.X Operational Readiness Test System (ORTS) and supporting work package documentation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-4000 (P/L)	CDP: 09MR
Sequence Code: 3	ESTB Date: 3/14/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1113 or 1119	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Awarding of NEC code 1113 or 1119 and attendance in a Tactical Operating Environment (TACTOE) or Networking course (A-150-0194 or A-150-0195) is a prerequisite to attend the A-104-4000/09MR and earning this NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1094 - AEGIS Fire Control System (FCS) Ballistic Missile Defense (BMD) 4.X Technician

Performs preventive and corrective maintenance on the BMD 4.X system and associated components following the BMD 4.X installation on Cruisers and Destroyers. Performs maintenance to include fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 4.X Operational Readiness Test System (ORTS) and supporting documentation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-4001 (P/L)	CDP: 09NO
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC: 1114 or 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Awarding of NEC code 1114 or 1143 is a prerequisite to attending the A-104/4001/09NO and earning this NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1095 - AEGIS Fire Control System (FCS) Ballistic Missile Defense (BMD) 5.X Technician

Performs preventative and corrective maintenance on the BMD 5.X system and associated components following the BMD 5.X installation on Destroyers. Performs maintenance to include fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 5.X Operational Readiness Test System (ORTS) and supporting documentation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-4001	CDP: 09N0
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC: 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

1. Awarding of NEC code 1148 is a prerequisite to attending the A-104/4001/09NO and earning this NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1097 - AEGIS Ballistic Missile Defense (BMD) 4.X 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: A-121-0058	CDP: 10KY
Sequence Code: 3	ESTB Date: 8/10/12 REV Date: 7/27/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Attendance in AEGIS Weapon System MK-7 (BL 3/5) CIN/CDP S-121-0547/198N is a prerequisite to attendance 1n A 121-0058/10KY and awarding of 1097 NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 7/27/15.

FIRE CONTROLMAN

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: 2/2/12	NR Ind: R
Component NEC:	Related NEC: 1102	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR."

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), the servo control cabinet and the weapons control consoles. Performs overall operation and repair of the system and its interfaces with other systems in support of the ship's combat system in tactical situations during combat system perability test.

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: 2/2/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR."

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, 10YT, 10YU
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC: 1340 or 1350 or 1360 or 1370 or 1380 or 1390	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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 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: E1-E9
Course: Mandatory	CIN: A-150-0935 (P/L)	CDP: 11FJ
Sequence Code: 4	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1109 - Rolling Airframe Missile (RAM) MK-31 Mod 1 & 3 Guided Missile Weapons Systems Technician

Operates and performs preventive and corrective maintenance on the Rolling Airframe Missile (RAM) MK-31 Mod 1/3 Guided Missile Weapons System (GMWS) 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: E3-E8
	CIN: A-113-2103	CDP: 7891
Course: Mandatory	A-113-0046	09GB
Sequence Code: 4	ESTB Date: REV Date: 11/4/14	NR Ind: R
Component NEC: 1145	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. CIN A-113-0046 now includes instruction for both RAM Mod 1 and Mod 3 Systems.
2. All graduates of prerequisite CIN: A-113-0046 are also eligible for assignment to NEC code 1145 billets.

1111 - AEGIS Computer System Ballistic Missile Defense (BMD) 3.X 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-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0062 (P/L)	CDP: 11CG
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1112 - AEGIS Ballistic Missile Defense (BMD) 3.6 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: A-121-0057 (P/L)	CDP: 10KX
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Attendance in AEGIS Weapon System MK-7 (BL 3/5) CIN/CDP: S-121-0547/198N is a prerequisite to attend A-121-0057/10KX and awarding of this NEC code.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1113 - AEGIS Radar System (SPY-1) Ballistic Missile Defense (BMD) 3.6 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-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0063 (P/L)	CDP: 11CL
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1114 - AEGIS Fire Control System MK-99/Operational Readiness Test System/Ballistic Missile Defense (BMD) 3.6 Technician

Performs preventive and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test System, 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-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0061 (P/L)	CDP: 11CF
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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	ESTB Date: REV Date: 1/18/11	NR Ind: R
Component NEC:	Related NEC: 1146, 1120, 1139	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Secret clearance required.

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: E1-E9
Course: Mandatory	CIN: A-104-0070 (P/L)	CDP: 11FK
Sequence Code: 4	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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: E3-E9
Course: Mandatory	CIN: A-113-0131	CDP: 574Z
Sequence Code: 5	ESTB Date: REV Date: 11/6/15	NR Ind: R
Component NEC:	Related NEC: 1116, 1139, 1146	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

1121 - CIWS MK-15 BLOCK 11-14 Technician

Performs preventative 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. Operates, tests, repairs, and aligns individual equipment and performs kill assessments of designated targets. Operates Local Control Panel (LCP), computer, Remote Control Panel (RCP) and associated equipment as applicable in support of the ship's weapon system in tactical situations as well as during test and evaluation.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 11/4/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code 1121 has been superseded by NEC code 1122. Once the phased replacement of 1121 billets is complete, the NEC code will be disestablished. There will be no new awarding/assignment of this NEC code to billets or personnel in the interim.

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 A-113-0043	CDP: 663P, 02VS 08FS, 08FT
Sequence Code: 5	ESTB Date: REV Date: 10/11/12	NR Ind: N
Component NEC: 1121	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/11/12.

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

Processes Mission Data Updates (MDU) and Tomahawk Land Attack Missile (TLAM) tasking. Evaluates displayed tactical information for determining the optimum flight path for Tomahawk missiles. Enters and edits manual and automatic planned engagements; conducts launch control operations, and post launch control of in-flight missiles. Processes and transmits required reports, and performs preventive and corrective maintenance on TTWCS.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-121-0015	CDP: 627J, 981T
Sequence Code: 4	ESTB Date: REV Date: 4/23/12	NR Ind: N
Component NEC:	Related NEC: 1332	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “FC HPRR” completed 4/23/12.

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	ESTB Date: REV Date: 2/2/12	NR Ind: R
Component NEC: 1120	Related NEC: 1116, 1146	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR."

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	ESTB Date: REV Date: 1/13/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

Performs preventative and corrective maintenance on assigned equipment at the organizational level using the Operational Readiness Test System supported by appropriate technical documentation. Performs fault isolation, tests, aligns, and repairs individual equipment. Operates system consoles and 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: E1-E9
Course: Mandatory	CIN: A-104-0072 (P/L)	CDP: 11FM
Sequence Code: 4	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO ISW 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1144 - AEGIS Computer System 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: E1-E9
Course: Mandatory	CIN: A-150-0288 (P/L)	CDP: 11EA
Sequence Code: 4	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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: E3-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/1/1992 REV Date: 11/4/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. No new assignments to this NEC code. NEC code will remain active until all equipment is completely removed and/or a decision has been made to recode all 1145 billets to 1109 billets.
2. Requirements for this NEC code will be met through attainment of NEC code 1109.
3. All graduates of CIN: A-113-0046 (NEC code 1109) are eligible for assignment to NEC code 1145 billets.

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	ESTB Date: REV Date: 2/2/12	NR Ind: R
Component NEC: 1139	Related NEC: 1116	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR."

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	ESTB Date: REV Date: 11/16/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

1148 - AEGIS Fire Control System MK-99/COTS Technician

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-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0073 (P/L)	CDP: 11FN
Sequence Code: 4	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Personnel awarded the 1143 NEC code may earn this NEC code by attending the A-150-1070/08U5 difference course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

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	ESTB Date: REV Date: 11/16/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 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: 1/24/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

1156 - NATO Seasparrow Surface Missile System (NSSMS) MK 57 Mods 10 and Above

Performs preventive 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	ESTB Date: REV Date: 11/21/11	NR Ind: R
Component NEC: 1147	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-471)	ECM: BUPERS-32

NOTE: Last reviewed during “FC HPRR” completed 11/21/11.

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	ESTB Date: REV Date: 11/16/10	NR Ind: A
Component NEC: 1147 or 1149	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

Performs documented organizational level preventive and corrective maintenance, under supervision, on SSDS MK 1 and Battle Force Tactical Training equipment. Responsible for alignment, adjustment, configuration, removal, and replacement to the lowest replaceable unit. Performs diagnostic testing and system validation of the LAN and associated equipment as described in system or equipment technician documentation. 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. Directs or performs 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-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-150-0006	CDP: 5396
Sequence Code: 4	ESTB Date: REV Date: 10/21/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 4/23/12	NR Ind: R
Component NEC: 0347, 1164	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTES:
1. NEC 1165 is awarded by completing CIN: A-150-0005 Ship Self Defense System (SSDS) MK1 Operator (NEC 0347) and CIN: A-150-0006 Ship Self Defense System (SSDS) MK1 Maintenance Technician (NEC 1164). Personnel eligible to be awarded this NEC should submit NAVPERS Form 1221/6 signed by their Commanding Officer to PERS-4013D2.
2. Last reviewed during "FC HPRR" completed 4/23/12.

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	ESTB Date: REV Date: 11/4/10	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

FIRE CONTROL TECHNICIAN

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

MINEMAN

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: JQR, OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: 4/93 REV Date: 11/4/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code will be awarded after completion of locally provided JQR/OJT requirement to qualify as a certified SLMM Technician.

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: 06JR
Sequence Code: 5	ESTB Date: 7/93 REV Date: 8/24/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "MN HPRR" completed 8/24/11.

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: 06JU
	A-647-2756	06JT
Sequence Code: 5	ESTB Date: 10/97 REV Date: 8/24/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "MN HPRR" completed 8/24/11.

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: 06JU
	A-647-2756	06JT
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC: 1210	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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.

Source 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: 8/8/12	NR Ind: R
Component NEC: 1213	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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.

Source 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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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.

Source 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: 8/24/11	NR Ind: A
Component NEC:	Related NEC: 1213	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSURWARCEN	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Last reviewed during "MN HPRR" completed 8/24/11.

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.

Source 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: 8/24/11	NR Ind: A
Component NEC: 1214	Related NEC: 1212	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSURWARCEN	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Last reviewed during "MN HPRR" completed 8/24/11.

FIRE CONTROL TECHNICIAN

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	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 within AN/BYG-1 (V). 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: 05M4
	A-113-0175	06W3
	A-113-0018, A-113-0027	05M5, 05M3
	A-113-0382, A-113-0383	07T9, 07TA
	A-113-0381	07T8
Sequence Code: 4	ESTB Date: REV Date: 3/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

1318 - AEGIS Computer Network Technician BL 7.2A

Performs preventive and corrective maintenance on the ADS MK6 and UYQ-70 Display Systems on Baseline 7 DDG 91-102 AEGIS Destroyers.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0929 (P/L)	CDP: 11FB
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yess
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

1322 - AEGIS Display UYQ-21 Technician

Operates and performs organizational level maintenance on the AEGIS Display Suite of equipment for UYQ-21 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: E1-E9
Course: Mandatory	CIN: A-150-0933 (P/L)	CDP: 11FG
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

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	ESTB Date: REV Date: 1/18/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR" completed 1/18/11.

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
Sequence Code: 5	ESTB Date: REV Date: 9/30/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-465)	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR" completed 9/30/11.

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: E3-E6
Course: Mandatory	CIN: A-113-0162	CDP: 316K
Sequence Code: 5	ESTB Date: REV Date: 10/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR" completed 10/13/15.

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 functions on submarine installed Local Area Networks (LAN) and associated peripheral equipment.

Source Rating: FT	Billet Paygrades: E1-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-113-0133	CDP: 986E
	A-100-0312	8162
Sequence Code: 6	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 3/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	CDP: 00CD
	A-113-0204	993B
	A-113-0006 (P/L)	02EZ
Sequence Code: 4	ESTB Date: REV Date: 6/1/15	NR Ind: R
Component NEC: 1327	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

1331 - AEGIS Weapons System Technician (TK IV) - NEC Code Disestablished (Recode Billets & Personnel to 0000)

1332 - Tomahawk Strike Manager (TSM)
The TSM ensures the proper tactical and training employment of the Tactical Tomahawk Weapons Control System in support of Strike Operations.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/1/1996 REV Date: 1/24/14	NR Ind: R
Component NEC: 1136	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

a. Tomahawk Strike Manager Course	CIN: A-113-0049	CDP: 10P3, 10P4
b. OTH-T C4I Course	CIN: K-2G-0127	CDP: 06MV, 378H, 7420, 767D, 991F, 991G
c. C4I Systems Engineering Course	CIN: K-121-0181	CDP: 587D, 741Z, 767E, 06MU, 991D, 991E
or		
TTWS-E Course	CIN: K-221-0165	CDP: 00SM, 07J5, 07J6, 07J7, 07J8, 07J9

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

3. Per guidance set forth in NTP S-30-9411, upon assignment to staff duty, (group and numbered fleets) NEC 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.

1335 - AEGIS Computer Network Technician BL 6.3
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: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0930 (P/L)	CDP: 11FE
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1336 - AEGIS Weapons Systems Technician TRACK 3 - NEC Code Disestablished (Recode Billets & Personnel to 0000)

1337 - AEGIS Radar System (SPY-1D (V)) Technician
Operates and maintains the Commercial-Off-the Shelf (COTS) based radar system.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0071 (P/L)	CDP: 11FL
Sequence Code: 4	ESTB Date: REV Date: 10/1/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1339 - AEGIS Computer Network Technician BL 7.2B
Performs preventive and corrective maintenance for the ADS MK6 and UYQ-70 Display Systemson Baseline 7, DDG-103-112 AEGIS Destroyers.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0931 (P/L)	CDP: 11FD
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "FC HPRR" completed 12/9/15.

1340 - AEGIS Weapon System MK-7(BL 3/5) 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: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 7/27/15	NR Ind: N
Component NEC: 1341, 1342, 1343, 1344	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret secur1ty clearance required.
3. Last reviewed during "FC HPRR" completed 7/27/15.

1341 - AEGIS Weapon System MK-7 (BL 3/5) Technician/AEGIS Radar System SPY-1B/D/D (V) 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: E5-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1119 or 1337	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1342 - AEGIS Weapon System MK-7 (BL 3/5) 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: E5-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1343 - AEGIS Weapon System MK-7 Technician (BL 3/5)/AEGIS Computer 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. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Computer System technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1144	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1344 - AEGIS Weapon System MK-7 (BL 3/5) Technician/AEGIS Display 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. Organizes equipment technicians as a system team. Directly supervises efforts of AEGIS Display System technicians.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 12/3/15	NR Ind: N
Component NEC: 1322	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/3/15.

1345 - AEGIS Computer Network Technician BL 8

Performs preventive and corrective maintenance on the ADS MK 6 and UYQ-70 Display Systems on Baseline 8 CG52-58 AEGIS Cruisers.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0932 (P/L)	CDP: 11FF
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Special qualification requires an FC-0000 Data Apprentice.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1346 - AN/BYG-1 (V)9 TI-10 Combat Control Maintenance Technician

Operates and performs organizational level maintenance on all assigned Tactical Control/Information Management (TC/IM) and Weapon Control (WC) equipment (AN/BYG-1(V)9 TI-10, Virginia Block III). Conducts preventative and corrective maintenance to include troubleshooting analysis, isolation and repair to system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0381	CDP: 07T8
Sequence Code: 4	ESTB Date: 6/1/2012 REV Date: 3/13/15	NR Ind: R
Component NEC:	Related NEC: 1316	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA-05	ECM: BUPERS-32

NOTES:
1. Must be eligible for submarine service duty.
2. Secret security clearance required.

1347 - AN/BYG-1(V) TI-12/14 Maintainer

Performs organizational level maintenance on assigned Tactical Control/ Information Management (TC/IM) and Weapons Control (WC) equipment within the AN/BYG-l(V) TI-12/14 Combat Control Systems. Conducts preventive maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0342	CDP: 10MW
Sequence Code: 4	ESTB Date: 3/25/14 REV Date: 7/7/15	NR Ind: R
Component NEC:	Related NEC: 1316	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTE: Secret Security Clearance required.

1348 - CEC AN/USG-2B Technician

Perform preventive and corrective maintenance on the AN/USG-2B CEC System, and associated components. Maintain the Air Warfare operational network interface with Cooperating Units (CU) s for the Tactical Information Coordinator (TIC), and Combat Systems Coordinator (CSC) in an Air Warfare environment. Perform test and alignments on the AN/USG-2B system at the organizational level utilizing maintenance and operational supported publications.

Source Rating: FC	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-150-9010	CDP: 10CS
Sequence Code: 5	ESTB Date: 6/16/14 REV Date:	NR Ind: N
Component NEC:	Related NEC: 1325	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTE: Secret security clearance required.

1350 - AEGIS Weapon System MK-7 (BL6) 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: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3	ESTB Date: REV Date: 7/27/15	NR Ind: N
Component NEC: 1351, 1352, 1355	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 7/27/15.

1351 - AEGIS Weapon System MK-7 (BL 6) AEGIS Radar System SPY-1B/D/D (V) 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: E5-E9
Course: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1119 or 1337	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1352 - AEGIS Weapon System MK-7 (BL 6) Technician/AEGIS Fire Control System MK-99/Operational Readiness Test 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. 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: E5-E9
Course: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1355 - AEGIS Weapon System MK-7 Technician (BL 6)/AEGIS Computer Network Technician 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: E5-E9
Course: Mandatory	CIN: S-121-0005	CDP: 5584
Sequence Code: 3	ESTB Date: REV Date: 12/3/15	NR Ind: R
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1. 0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-l50-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.
4. Last reviewed during "FC HPRR" completed 12/3/15.

1356 - Combat Systems Maintenance Manager (CSMM), Commercial Off The Shelf (COTS) Management

The CSMM is responsible to the Systems Test Officer (STO) for directing, integrating and managing; combat systems maintenance; evaluating combat systems material and operational readiness; managing combat system alignment; and AEGIS Weapon System (AWS) Baselines (BL) 6.1 and higher use COTS computers. The CSMM possesses a working knowledge of COTS equipment and the associated environment. Oversight and management support to the STO for the AEGIS Local Area Network (LAN) and weapons system platform Information Technology (IT) security infrastructure is critical.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-0700	CDP: 10YV, 10YW
Sequence Code: 3	ESTB Date: 1/7/15 REV Date:	NR Ind: R
Component NEC: 1104	Related NEC: 1350, 1360, 1370, 1380, 1390	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO IWS-1	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Graduates of COTS AEGIS Weapon System Supervisor COI's can attend the CSMM COTS CIN but will be unable to earn the 1356 NEC code until they have completed requirements for the 1104 NEC code.
3. AEGIS Weapon System Supervisor NEC for AWS BL 6.1 or higher.

1360 - AEGIS Weapon System MK-7 (BL7) 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: Mandatory	CIN: S-121-0574	CDP: 735B
Sequence Code: 3	ESTB Date: REV Date: 7/27/15	NR Ind: N
Component NEC: 1361, 1362, 1365	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 7/27/15.

1361 - AEGIS Weapon System MK-7 Technician (BL 7)/AEGIS Radar System SPY-1B/D/D (V) 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: E5-E9
Course: Mandatory	CIN: S-121-0574	CDP: 735B
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1119, 1337	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1362 - AEGIS Weapon System MK-7 Technician (BL7)/AEGIS Fire Control System COTS 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: E5-E9
Course: Mandatory	CIN: S-121-0574	CDP: 735B
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1365 - AEGIS Weapon System MK-7 (BL-7.X) Technician/AEGIS Computer Network Technician (BL-7.X) 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: E5-E9
Course: Mandatory	CIN: S-121-0574	CDP: 735B
Sequence Code: 3	ESTB Date: REV Date: 12/3/15	NR Ind: R
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-l50-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.
4. Last reviewed during "FC HPRR" completed 12/3/15.

1370 - AEGIS Weapons System MK-7 (BL 8) Supervisor

Performs operation and directs organizational level maintenance on the AEGIS Weapons System; provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline BL 8 upgrades.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN:	CDP: 04RG
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1371, 1372, 1375	Relative NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. NEC code automatically awarded upon the advancement to E7 for those personnel who hold NEC codes 1371, 1372, or 1375. Submission of NAVPERS 1221/6 to NAVPERS (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1371 - AEGIS Weapons System MK-7 (BL 8) Technician/AEGIS Radar System SPY-1A Supervisor

Performs operations and directs organizational level maintenance on the AEGIS Weapons System; provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline BL 8 upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1107	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1372 - AEGIS Weapons System MK-7 (BL 8) Technician/AEGIS Fire Control System MK-99 Supervisor

Performs operations and directs organizational level maintenance on the AEGIS Weapons System; provides supervision and guidance to element level technicians, and communicates weapon system status on AEGIS Baseline BL 8 upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 3	ESTB Date: REV Date: 12/9/15	NR Ind: N
Component NEC: 1143 or 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
3. Last reviewed during "FC HPRR" completed 12/9/15.

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: E5-E9
Course: Mandatory	CIN: A-121-0200	CDP: 04RG
Sequence Code: 3	ESTB Date: REV Date: 12/3/15	NR Ind: R
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-l50-5300/09XM is required.
2. E5 personnel personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.
4. Last reviewed during "FC HPRR" completed 12/3/15..

1380 - AEGIS Weapons System (AWS) Baseline 9A Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of AWS Baseline 9A upgrades including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer with scheduling equipment maintenance requirements.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-150-1073	CDP: 08V2
Sequence Code: 3	ESTB Date: 2/9/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1381 or 1382 or 1385	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code awarded based on advancement to E-7 of personnel who have earned one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) to request NEC code will be required.
3. Attendance in a Networking or Tactical operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-1073/08V2 course and earn this NEC code.
4. Last reviewed during "FC HPRR" completed 12/9/15.

1381 - AEGIS Weapons System (AWS) Technician Baseline 9A/AEGIS Radar System SPY-1B/D/D(V) Supervisor

Performs operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on Aegis Baseline 9A upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1073	CDP: 08V2
Sequence Code: 3	ESTB Date: 2/9/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1093 or 1113 or 1119 or 1337 or 1387 or 1388	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-1073/08V2 course and earn this NEC code.
3. E5 personnel personnel must have a minimum of two years operational AEGIS experience before attending course.
4. Last reviewed during "FC HPRR" completed 12/9/15.

1382 - AEGIS Weapon System (AWS) Technician Baseline 9A/AEGIS Fire Control System MK-99 Supervisor

Peforms operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on AEGIS Baseline 9A upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1073	CDP: 08V2
Sequence Code: 3	ESTB Date: 2/9/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1143 or 1148	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-1073/08V2 course and earn this NEC code.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
4. Last reviewed during "FC HPRR" completed 12/9/15.

1385 - AEGIS Weapon System (AWS) Technician Baseline 9A AEGIS Computer Network Technician Supervisor

Performs operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on AEGIS Baseline 9C upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1073	CDP: 08V2
Sequence Code: 3	ESTB Date: 2/2/2012 REV Date: 12/3/15	NR Ind: R
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386	Related NEC: 1395	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-l50-5300/09XM is required.
2. Secret security clearance required.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
4. Last reviewed during "FC HPRR" completed 12/3/15.

1386 - AEGIS Computer Network Technician BL9

Performs maintenance on AEGIS Weapon System (AWS MK-7) Computing Infrastructure (ACI) Client/Server Nodes and Networks, supported by a core of Networking, Unix/Linux and Cisco IOS training. Maintains the AWS Enterprise Network of Switches and Routers and their interfacing nodes including the Common Processing System (CPS) cabinet hosted IBM HT Blade Servers, Cisco and Nortel Switches, Network Attached Servers (NAS) with IBM DS3300 RAID disk storage units. Maintains the Common Display System (CDS) display consoles with their Mission Critical Enclosure (MCE) based Themis processors and Digital Video Distibution System (DiVDS) MCE cabinets for large screen and status board video projection, Mission Planner and Kill Assessment Thin Clients for the Ballistic Missile Defense (BMD) missions. Maintains the Data Distribution System MCE cabinet equipment supporting the tactical radar display console inputs. AEGIS Combat System (ACS) equipment maintained by the ACNT technician includes the cooling water Skid, Battle Force Tactical Trainer (BFTT), Secure Voice System (SVS) and the Gun Weapon System (GWS) MCE and CDS consoles. Operates and maintains the Operational Readiness Test System (ORTS) Maintenance Thin Clients and data busses for testing and Fault Detection/Fault Isolation (FD/FI) for the AWS including the ORTSTAR Remote maintenance assistance interfaces over a Virtual Network Connection (VNC) secure interface.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-9020 (P/L)	CDP: 12LV
Sequence Code: 3	ESTB Date: 2/2/2012 REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either 1090, 1111, 1144, 1318, 1322, 1335, 1339, or 1345 NEC codes may earn this NEC code by attending difference course A-150-5300/09XM.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1387 - AEGIS Radar System (SPY-1 D-MOD) BL 9 Ballistic Missile Defense (BMD) 5.X Technician

Performs preventive and corrective maintenance on the (SPY-1D) B/L 9C Radar System and associated components including the OL-771/SPY-1D Multi Mission Signal Processor (MMSP), OE-146/SPY-1D MOD Transmitter, Kill Assessment System (KAS) Warhead Data Receiver Cabinet MK 78 Mod 1, and modifications to the OE-375/SPY-1D Antenna Group. Operates the Radar System Controller Submode accessible on the Baseline 9C Common Display System (CDS) consoles under all conditions, tactical and test, in an Air Warfare and Ballistic Missile Defense environment. Performs maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the Operational Readiness Test System (ORTS) MK 7 MOD 0 and supporting documentation.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-2023	CDP: 08YJ
Sequence Code: 3	ESTB Date: 2/2/2012 REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either 1093, 1107, 1113, 1119, 1337 or 1388 NEC codes may earn this NEC code by attending CIN/CDP: A-150-2021/08YG difference course.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-2023/08YJ or the A-150-2021/08YG difference course and earn this NEC code.
4. Last reviewed during "FC HPRR" completed 12/9/15.

1388 - AEGIS Radar System (SPY-1B) BL 9A Technician

Performs preventive and corrective maintenance on the AN/SPY-1B Radar System and associated components following the AMOD ACB12 suite upgrade for Cruisers. Operates the Radar System Controller Submode accessible on the Baseline 9A Common Display System (CDS) consoles under all conditions, tactical and tests. Performs maintenance on assigned equipment at the organizational level using the Operational Readiness Test System (ORTS) MK 10 MOD 1 supported by technical documentation. Performs fault isolation, tests, alignments, and repairs to the equipment associated with the AN/SPY-1B B/L 9A system. Operates sytem consoles and other equipment employed in support of the ship's combat system in a tactical situation and during test and evalution.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-9031	CDP: 12MB
Sequence Code: 3	ESTB Date: 2/2/2012 REV Date: 12/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either 1093, 1107, 1113, 1119, or 1337 NEC codes may earn this NEC code by attending CIN/CDP: A-150-2020/08YF difference course.
3. Last reviewed during "FC HPRR" completed 12/9/15.

1390 - AEGIS Weapon System (AWS) Baseline 9C Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AWS Baseline 9C upgrades including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer with scheduling equipment maintenance requirements.

Source Rating: FC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-150-1072	CDP: 08V0
Sequence Code: 2	ESTB Date: 2/9/2012 REV Date: 7/27/15	NR Ind: R
Component NEC: 1391 or 1392 or 1395	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attending A-150-1072/08V0 course and earning the 1390 NEC code.
2. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-1072/08V0 course for awarding the 1390 NEC code.
3. Secret security clearance required.
4. NEC code awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) to request NEC code will be required.
5. Last reviewed during "FC HPRR" completed 7/27/15.

1391 - AEGIS Weapons System (AWS) Technician Baseline 9C AEGIS Radar System SPY-1D-MOD Supervisor
Performs operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on AEGIS Baseline 9C upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1072	CDP: 08V0
Sequence Code: 3	ESTB Date: 2/9/2012 REV Date: 12/9/2015	NR Ind: R
Component NEC: 1093 or 1113 or 1119 or 1337 or 1387 or 1388	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-1072/08V0 course and earn this NEC code.
3. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-1072/08V0 course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during "FC HPRR" completed 12/9/15.

1392 - AEGIS Weapon System (AWS) Technician Baseline 9C AEGIS Fire Control System MK-99 Supervisor
Peforms operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on AEGIS Baseline 9C upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1072	CDP: 08V0
Sequence Code: 3	ESTB Date: 2/9/2012 REV Date: 12/9/15	NR Ind: R
Component NEC: 1143 or 1148	Related NEC: 1342, 1352, 1362, 1372	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-1072/08V0 course and earn this NEC code.
3. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-1072/08V0 course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during "FC HPRR" completed 12/9/15.

1395 - AEGIS Weapon System (AWS) Technician Baseline 9C AEGIS Computer Network Technician Supervisor
Performs operations and directs organizational level maintenance on the AWS. Provides supervision and guidance to element level technicians and communicates weapon system status on AEGIS Baseline 9C upgrades.

Source Rating: FC	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-1072	CDP: 08V0
Sequence Code: 3	ESTB Date: 2/2/2012 REV Date: 12/3/15	NR Ind: R
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386	Related NEC: 1385	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-l50-5300/09XM is required.
2. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-1072/08V0 course for awarding NEC code 1395.
3. Secret security clearance required.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during "FC HPRR" completed 12/3/15.

1397 - CSMM Rating Enhancing Shore Duty

Track personnel who have completed an assignment to a qualifying command and are deemed suitable for potential selection as a Combat Systems Maintenance Manager (CSMM). The list of qualifying commands will be agreed to by Commander Naval Surface Forces (CNSF), BUPERS-32 and PERS-40 and will be maintained in a PERS-40 Standard Procedures Detailing Memorandum for CSMM. Tours may include assignment to repair facilities, Afloat Training Groups, and/or selected instructor tours.

Source Rating: FC	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: 4/11/14 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: COMNAVSURFOR	Technical Advisor: PERS-4	ECM: BUPERS-32

NOTE: Petty Officers are eligible for award if they are candidates for fast tracking to CSMM - contact PERS-406 for further information.

ELECTRONICS TECHNICIAN

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: 9/9/15	NR Ind: R
Component NEC:	Related NEC: 1404, 1405, and 1406	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

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: 8/29/14	NR Ind: R
Component NEC:	Related NEC: 1403, 1405, and 1406	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/29/14.

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: 8/29/14	NR Ind: R
Component NEC:	Related NEC: 1403, 1404, and 1406	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/29/14.

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: 8/29/14	NR Ind: R
Component NEC:	Related NEC: 1403, 1404, and 1405	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/29/14.

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:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 11/6/15	NR Ind: A
Component NEC:	Related NEC: 1570	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: NEC code awarded after Interim training by SPAWARSYSCEN Atlantic Portsmouth, VA. The course title is AN/SSC-12(V) Shipboard Air traffic Control Communications (SATCC) Maintenance.

1410 - AN/SRC-55(V) HYDRA, ENG WIFCOM, WPCS Technician

Operates and performs organizational level maintenance with limited supervision on the AN/SRC-55(V) HYDRA Wireless Communications System, Engineering Wirefree Communications (WIFCOM), Wirefree Portable Communications System (WPCS). Maintains system repeaters, system controllers, portable radios, fixed radio stations, multiple battery chargers/conditioners, and Radiating Transmission Line (RTL) antenna. 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 system programming, radio inventory/issue management, and radio programming.

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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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

Performs organizational level maintenance on the WSC-3 (V) SATCOM and LOS transceivers, OE-82 antenna, C-9351/WSC control indicator, and WSC-3 equipment rack, OK-454(V)/WSC single DAMA, OK-455(V)/WSC dual DAMA and OA-9123/SRC UHF multicoupler, AN/USC-61(C) Digital Modular Radio, AM-7584/USC-61(C) A/B Radio Frequency Amplifiers, RT-1799(P)(C)/USC-61(C) Receiver-Transmitter Set, CV-4376/USC-61(C) Signal Data Converter, Human Machine Interface (HMI) Software.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: N
Component NEC: 1420, 1425, 1452	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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	ESTB Date: REV Date: 9/16/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during NAVMAC "Periodicity" review completed 9/16/14.

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	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 10/13/10.

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	ESTB Date: REV Date: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

1458 - BKS/SMG Communications Systems Technician

Operate and perform documented or (undocumented) corrective maintenance on the Broadcast Keying Station (BKS) Submarine Message Gateway (SMG) systems/equipment including, Pentium Based Computer (PBC), Local Area Network (LAN)/ Analog to Digital Converter (ADC) Patch Switch Assembly (PSA), Time Frequency Distribution System AN/BSQ-9 (V)3, TSEC/KG-334 Key Generator, Compact Time Integrity Modems (C-TIMS), AN/URT-30B Radio Transmitting Set, TACLANE K-175A, AN/WRR-12 Submarine LF/VLF VME bus Receiver (SLVR), VLF Broadcast Builder (VBB) Servers, Submarine Message Gateway (SMG), Improved Emergency Message Automatic Transmission System (IEMATS), Message Data Terminal (MDT).

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-101-0034	CDP: 10B3
Sequence Code: 4	ESTB Date: REV Date: 5/15/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR, CYBERFOR (N13)	ECM: BUPERS-32

NOTES:
1. There will be no formalized difference training solutions for personnel that attended the legacy 1458 course. MTT operator training to cover any gaps associated with the new 1458 NEC training is provided semi-annually at each of the six (6) Broadcast Keying Station (BKS) sites NCTAMS LANT, NCTAMS PAC, NCTS Jacksonville, NCTS Sicily, NCTS Far East, and SUBGRU 9. Costs associated with MTT operator training if desired will be the burden of the respective command for each individual.
2. New system products introduced into the training pipeline are COTS and do not have MIPs/MRCs associated so they do not affect the hands on component of the day to day maintenance operations.

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.

Source 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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR PMW-750	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)	ECM: OPNAV (N132D5)

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC: 1460	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)	ECM: BUPERS-321D

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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.

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: 8/19/13	NR Ind: R
Component NEC: 1471 and 1504	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

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: 8/8/12	NR Ind: N
Component NEC: 1460	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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	ESTB Date: REV Date: 4/6/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 4/6/15.

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: ETR	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-101-0020	CDP: 00BS, 00BR
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC: 14CM/14TM	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

Performs all operator task/function skills associated with the CSRR under all conditions of readiness in port and underway.

Source Rating: ETR	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-101-0019	CDP: 07LL
	or	or
	W-101-1116	00LW
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 14RO	Related NEC: 14TO	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14BH - SSN 774 and SSGN 726 Class Electronic Warfare Support (ES) Equipment Maintenance Technician

Performs preventive and organizational maintenance on the following submarine electronic equipment/systems: AN/BLQ-10(V), AN/BVS-1 Photonics Mast and TI-10 Integrated Submarine Imaging System (ISIS).

Source Rating: ETR	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-233-0174 (P/ L)	CDP: 10F0
	or	or
	A-233-0008 and A-233-0106 and A-102-0388	5234 and 768S and 09PM
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 14ZQ	Related NEC: 14EM, 14HH	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETR	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-101-0291 (P/L)	CDP: 305Y
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14EM - SSBN Class Electronic Warfare Support (ES) Equipment Maintenance Technician

Performs preventative and organizational maintenance on the following submarine electronic equipment/systems: TYPE 8B/J Periscope, TYPE 15L Periscope and AN/WLR-8 (V) 5.

Source Rating: ETR	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A- 233-0117(P/L)	CDP: 10XB, 2087
	or	or
	A-102-0403 and A-233-0040	3256 and 593X, 4351
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 14ZR	Related NEC: 14BH, 14HH	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETV	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	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 14NO or 14XO	Related NEC: 14NM, 14NP, 14TK, 14XM	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES: Secret clearance and normal color vision required, and must complete PETT and Senior Navigation.

14HH - SSN 21 and SSN 688 Class Electronic Warfare Support (ES) Equipment Maintenance Technician

Performs preventive and organizational maintenance on the following submarine electronic equipment/systems: AN/BLQ-10(V), Type-8 Periscope, Type-18 Periscope to include ADF/SUBIS and TI-06 Integrated Submarine Imaging System (ISIS).

Source Rating: ETR	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-233-0138(P/L)	CDP: 10EZ
	or	or
	A-233-0008 and A-102-0157 and A-233-0122	5234 and 544Q and 9989
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 14ZQ	Related NEC: 14BH, 14EM	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETV	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0392 (P/L)	CDP: 036W
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14NO - Navigation Equipment Operator

Performs start-up, initialization, shutdown, emergency procedures, equipment checkouts, alignment procedures, operates and conducts basic preventive maintenance on submarine electronic navigation equipment, interior communications announcing circuits, atmosphere moitoring equipment and ship control electronic systems under the supervision of senior personnel. Performs cataloging, inventorying, and preparation of navigation charts. Prepares for and conducts basic submarine navigation and piloting evolutions.

Source Rating: ETV	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-100-0313	CDP: 8164
Sequence Code: 6	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETV	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-102-0130	CDP: 04HH
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 14NM	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14NV - SSN/SSBN Assistant Navigator (ANAV)
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: ETV	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-061-0029	CDP: 735X
Sequence Code: 2	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 14NO	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. All prospective ANAVs will attend the Prospective Submarine Assistant Navigator course (A-061-0029) enroute to their ship prior to relieving as ANAV.
2. NEC code will be awarded to personnel who have successfully completed the Submarine Assistant Navigator qualification card.

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: ETR	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0391 (P/L) A-233-0016	CDP: 768J 768V
Sequence Code: 6	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETV	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0255	CDP: 02UF
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14TM - TRIDENT I/II Radio Frequency (RF) Equipment Maintenance Technician
TRIDENT Exterior Communications Subsystem (ECS) Radio Room Maintenance Technician.

Source Rating: ETR	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-101-0730	CDP: 654B
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

14TO - TRIDENT I/II Radio Frequency (RF) Equipment Operator
TRIDENT Exterior Communications Subsystems (ECS) Integrated Radio Room Operator.

Source Rating: ETR	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-101-0726	CDP: 385A
Sequence Code: 6	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: ETV	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-193-0445 (P/L)	CDP: 588T, 588U
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

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

Performs start-up, initialization, shutdown, emergency procedures, equipment checkouts, and alignment procedures. Operates and conducts basic Preventive Maintenance (PM) on submarine electronic navigation equipment, interior communications announcing circuits, atmosphere monitoring equipment, and ship control electronic systems under the supervision of senior personnel. Performs non-maintenance related tasks on TRIDENT II D-5 Backfit SWS Navigation Systems. Performs cataloging, inventorying, and preparation of navigation charts. Prepares for and conducts basic submarine navigation and piloting evolutions. All tasks are performed on TRIDENT SSBNs with the TRIDENT II D-5 Backfit SWS Navigation System.

Source Rating: ETV	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-193-0444 (P/L)	CDP: 588R, 588S
Sequence Code: 6	ESTB Date: 1/1/2001 REV Date: 12/13/15	NR Ind: N
Component NEC: 14NO	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

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.

Source Rating: ETR	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: 12/13/15	NR Ind: N
Component NEC:	Related NEC: 14RO	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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.

Source Rating: ETR	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0391	CDP: 768J
Sequence Code: 4	ESTB Date: 3/3/11 REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC: 14ZQ	Open to Women: Yes
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-323C

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

14ZS - SSBN SSI Inc 4 Electronics Technician Journeyman

Performs intermediate level maintenance on Trident II D-5 SSI4 SWS Navigation Systems. Performs operations and basic preventive maintenance; including start-up, initialization, shutdown, emergency procedures, equipment checkouts, alignment procedures on other submarine electronic navigation equipment, and ship control electronic systems under the supervision of senior personnel. Catalogs, inventories, and prepares navigation charts. Prepares for and conducts basic submarine navigation and piloting evolutions. All tasks are performed on SSBN 726 class submarines or support facilities.

Source Rating: ETV	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-193-0480 (P/L) A-193-0482 (P/L)	CDP: 12RF, 12RG 12RN, 12RP
Sequence Code: 6	ESTB Date: 1/4/16 REV Date:	NR Ind: R
Component NEC: 14NO	Related NEC: 14XM, 14XO, 3329	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:

1. ET nuclear trained and ET non-submarine designated personnel are not eligible. This NEC code applies only to submarine designated and/or submarine qualified in navigation.
2. Member must be eligible for a Top Secret security clearance.

14ZT - SSBN SSI4 Electronics Technician (NAVIGATION) Maintainer

Performs organizational and/or intermediate level maintenance on the Trident II D-5 SSI INC 4 SWS Navigation Systems, forward electronics, and Quartermaster equipment on SSBN 726 class SSBNs.

Source Rating: ETV	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-193-0448 (P/L)	CDP: 12RA, 12RB
	A-623-0481 (P/L)	12RL, 12RM
Sequence Code: 4	ESTB Date: 1/4/16 REV Date:	NR Ind: R
Component NEC: 14ZS	Related NEC: 14XM	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:

1. ET nuclear trained and ET non-submarine designated personnel are not eligible. This NEC code applies only to submarine designated and/or submarine qualified in navigation.
2. Member must be eligible for a Top Secret security clearance.

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.

1503 - Radar SPS-49(V)1-4 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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

1504 - Radar (SPS-55) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0162	CDP: 350S, 453G
Sequence Code: 4	ESTB Date: REV Date: 9/6/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

1507 - Radar (SPS-67(V)1) 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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

1510 - Radar AN/SPS-49(V) 5, 7 & 8 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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

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

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/8/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. The course is taught by the U.S. Coast Guard. To obtain a quota call Coast Guard Training Quota Management Center, Chesapeake, VA customer service line at 757-366-6583. The course number is 250409.
2. Students check in NLT 0730 on the convening date to: CSCS DET East, 8947 First Street, Bldg. CEP 162, Naval Station Norfolk, Norfolk, VA.

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: 8/19/13	NR Ind: R
Component NEC: 1529, 1530	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/19/13.

1520 - AN/SPS-73(V) 12 & 17 Maintenance Technician

Performs documented preventive and corrective maintenance on AN/SPS-73(V) 12&17 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	ESTB Date: REV Date: 8/19/13	NR Ind: R
Component NEC:	Related NEC: 1504	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/19/13.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/19/13.

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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC: 1572	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC: 1578	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTES:

1. Equipment replaced by STARS NEC-1529. No new assignments to this NEC. NEC will remain until equipment completely removed from fleet.
2. Last reviewed during "ET HPRR" completed 8/8/12.

1575 - AN/SPS-48G(V)1 Maintenance Technician

Performs basic operation functions and preventative/corrective maintenance tasks on the AN/SPS-48G(V)1 Surveillance Radar and its supporting auxiliary equipment under all conditions of readiness, in port and underway, using the radar's installed Maintenance System and its associated Radar Display and Control Function software.

Source Rating: ET	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-104-0104	CDP: 07S7
Sequence Code: 4	ESTB Date: 8/11/11 REV Date: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: PEO IWS-2	ECM: OPNAV (N13)

NOTES:
1. Secret security clearance required.
2. Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC: 1574	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTES:
1. Equipment replaced by STARS NEC-1529. No new assignments to this NEC. NEC will remain until equipment completely removed from fleet.
2. Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC: 9614	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/30/13	NR Ind: R
Component NEC:	Related NEC: 1530	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

NOTE: No new assignments to this NEC code. Billets and Personnel Paygrades will remain until equipment is completely removed from inventory, and then the NEC code will be deleted.

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, ETR, ETV	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-6671	CDP: 713T
Sequence Code: 5	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, NNWC, N1B, NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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: 8/8/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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

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, ETR, ETV, 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-100-0008 (P/L)	CDP: 08LC, 08LD, 08LE, 08LG, 08LH, 08LF
Sequence Code: 3	ESTB Date: 1/1/00 REV Date: 1/4/16	NR Ind: A
Component NEC: 9526	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)/(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: The source ratings for the AN/USM-674 (CIN A-100- 0076) training are the same as for the 2M training courses. It is recommended that the course progression for earning NEC code 1591 will be A-100-0072 (Miniature Electronic Repair), A-100-0073 (Micro Electronic Repair), and A-100-0076 (AN/USM-674 Operator/Maintainer). Completing only the AN/USM-674 (CIN A-100-0076) training provides no NEC Code.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

ELECTRONICS TECHNICIAN and FIRE CONTROL TECHNICIAN

1601 - SSDS OA Maintenance Technician

Performs documented organizational level maintenance on SSDS OA variant component equipment including OJ-774(V) Command Control Group (CCG), OJ-719(V) Command and Decision (C&D) Consoles, OJ-723B(V) Peripheral Control Station (PCS) W/Information Assurance (IA), OJ830(V)1 Tactical Computer Console (TCC), OL-724 Computer Groups, Tactical, Ship Self Defense (V1, V2 and V3), and automated Status Boards (ASTABS). Additional training includes associated AN/USQ-46(V) Battle Force Tactical Training (BFTT) System, ON-201(V) 1/UYQ-21(V) Intercommunications Interconnecting Group, and OJ-719(V) AN/SPS-48 Radar Set Control Console. Performs system level troubleshooting, Lowest Replaceable Unit (LRU) removal and replacement procedures, system monitoring, network manipulations, such as program load; initiation, transcription, copying, system security, addressing, and interface testing.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-150-1981	CDP: 05B3
Sequence Code: 3	ESTB Date: REV Date: 4/23/12	NR Ind: R
Component NEC:	Related NEC: 1628	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “FC HPRR” completed 4/23/12.

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	ESTB Date: 1/1/1970 REV Date: 5/3/2013	NR Ind: R
Component NEC: 1601 or 1624 or 1628 or 1656	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. NEC code may be assigned to personnel who have three years supervisory experience in an Naval Tactical Data System/Combat Direction System (NTDS/CDS) environment.
2. Submit Navy Personnel (NAVPERS) 1221/6 to Personnel (PERS)-4013D2 with appropriate documentation indicating that member meets requisite criteria.
3. Last reviewed during "FC HPRR" completed 5/3/2013.

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-150-0119 (P/L)	CDP: 11TW
Sequence Code: 4	ESTB Date: REV Date: 10/1/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

1628 - SSDS MK-2 Maintenance Technician

Performs basic documented organizational level maintenance on SSDS MK2 component equipment; and tactical networks onboard CVNs, LHDs, and LPDs, including OJ-719(V)3 and 10, OJ-723(V)2, OL-657 (all variants), Color Large Screen Display Units, ASTABs and printer, Battle Force Tactical Trainer (BFTT) and associated fiber optic networks. Performs operation, diagnostics, and corrective maintenance procedures; reviews and interprets Interactive Electronic Technical Manuals (IETM), and follows procedures for establishing, troubleshooting, and casualty restoration of QRCC segments and segment interfaces to maintain tactical capabilities.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-150-0029	CDP: 637T
Sequence Code: 3	ESTB Date: REV Date: 4/23/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during "FC HPRR" completed 4/23/12.

1654 - Intelligence Center Maintenance Technician - NEC Code Disestablished
- Recode personnel to 0000
- Recode billets as follows: BSO Code 60 to 2791 source rate IT
BSO Code 70 to 0000
BSO Code 76 to 1678

1656 - CVN Combat Direction System (CDS)/Antisubmarine Warfare Module (ASWM) Computer/Peripheral Subsystem Maintenance

Performs organizational level maintenance on the AN/UYK-43(V) Computer Set and associated peripheral equipment; including AN/UYK-20 Computer Set, AN/UYH-3(V) Disk Memory Unit, AN/USQ-69(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) Teleprinter, and MK-70 Digital Switchboard.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0260	CDP: 577Z
Sequence Code: 4	ESTB Date: 1/1/1991 REV Date: 5/3/2013	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVSEA 05 (PMS-461), NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR" completed 5/3/13.

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	ESTB Date: REV Date: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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, and Data Multiplex System (DMS). Specific equipment includes the AN/UYH-3(V) Disk Memory Unit, RD-358A(V) Magnetic Tape Unit, TT-624(V) Teleprinter, TD-1320A(p/o AN/USQ-82(V)DMS), CS-3647A (p/o AN/USQ-82(V) DMS), MK-70 MOD 6 Switchboard, MK-328 MOD 21 Computer Switching Control Panel, AN/USQ-69(V) Data Terminal Set, and AN/UYH-16(V) Recorder-Reproducer Magnetic Disk and AN/USQ-T46A(V) Battle Force Tactical Trainer (BFTT).

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0271	CDP: 590Z
Sequence Code: 4	ESTB Date: REV Date: 11/6/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

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, ETR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-2300	CDP: 5781, 5791
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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.

Source 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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR PMW-750	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. Last reviewed during "ET HPRR" completed 8/8/12.

CRYPTOLOGIC TECHNICIAN (TECHNICAL)

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

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

Source Rating: CTT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-1980	CDP: 04RJ
Sequence Code: 4	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC:	Related NEC: 1734/1736/1737	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: NEC code will be awarded through formal training or to personnel holding NECs 1734, 1736, or 1737 who receive difference training at the time of the installation of the AN/SLQ-32B (V) 2 upgrade.

1705 - East Asia Area Specialist

NEC code will identify personnel who have acquired specific knowledge, skills, and experience of information dominance capabilities to support naval and joint operations in the Pacific/East Asia area of operations.

Source Rating: CTN, CTR, CTT, IS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 5/22/2012 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	ECM: BUPERS-32

NOTES:
1. TS/SCI security clearance required.
2. Must have a minimum of 4 years in a billet with documented focus on the East Asia mission to be awarded this NEC code.

1708 - AN/SLQ-32(V) Electronic Warfare Operations Technician.
Operates the AN/SLQ-32(V) Electronic Warfare system and ancillary systems applying complex intercept techniques and prescribed analysis and reporting procedures.

Source Rating: CTT	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-0248	CDP: 747V
Sequence Code: 3	ESTB Date: 7/31/13 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: Top Secret/Sensitive Compartmented Information security clearance required.

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	ESTB Date: REV Date: 10/5/12	NR Ind: R
Component NEC: 1702	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

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	ESTB Date: REV Date: 2/28/13	NR Ind: N
Component NEC: 1702 or 1734	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 2/28/13	NR Ind: R
Component NEC: 1702	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

MASTER AT ARMS

2001 - Chief Master-At-Arms (CMAA)
Serves as primary assistant to the Command Antiterrorism Officer. Trains and conducts assessment of command sentries and security reaction force personnel. Assists the Commanding Officer in maintaining good order and discipline within the command.

Source Rating: MA	Billet Paygrades:	Personnel Paygrades: E6-E9
Course: OJT	CIN: J-830-0015 J-551-0050	CDP: 00AT, 00CG, 302C, 308U, 4663, 4665 055K, 481F
Sequence Code: 3	ESTB Date: 7/22/14 REV Date:	NR Ind: R
Component NEC: 9501	Related NEC:	Open to Women: Yes
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTE: NEC code will be awarded based on Commanding Officer's recommendation following the verification of completeing prerequisite CINs.

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	ESTB Date: REV Date: 10/28/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NCIS HQ CODE 23	Technical Advisor: NCIS HQ CODE 23	ECM: BUPERS-32

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

2003 - Harbor Security Patrol Supervisor
Operational supervisor of command Harbor Security Boat Unit. Responsible for the tactical operation of the Harbor Patrol Unit (HPU). Oversees the HPU Training Supervisor in the instruction and certification of Force Protection Boat Coxswains and in the training of Navy Security Force Personnel attached to the HPU. Provides command leadership with operational readiness status of Navy Security Forces Personnel and equipment that provides waterside protection for U.S. Naval Installations, U.S. warships and other designated high value assets.

Source Rating: MA	Billet Paygrades:	Personnel Paygrades: E7-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/21/14 REV Date:	NR Ind: A
Component NEC: 0190	Related NEC:	Open to Women: Yes
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTES:
1. To be awarded this NEC code, personnel must have normal color vision and be a qualified second class swimmer.
2. NEC will be awarded based on Commanding Officer's recommendation following verification of completion of CIN: A-062-0049 and OJT.

2004 - Harbor Security Boat Training Supervisor (HSB TRASUP)
Plans, oversees and assesses command harbor security boat training and Navy Security Force's personnel that provide waterside protection for U.S. Naval Installations, U.S. warships and other designated high value assets. Instructs and certifies Force Protection Boat Coxswains on security boat tactics, techniques and procedures.

Source Rating: MA	Billet Paygrades:	Personnel Paygrades: E6-E7
Course: OJT	CIN:	CDP:
Sequence Code: 7	ESTB Date: 10/24/14 REV Date:	NR Ind: A
Component NEC: 0190	Related NEC:	Open to Women: Yes
Primary Advisor: USFF	Technical Advisor: CENSECFOR	ECM: BUPERS-32

NOTES:
1. To be awarded this NEC code, personnel must have normal color vision and be a qualified second class swimmer.
2. NEC will be awarded based on Commanding Officer's recommendation following verification of completion of CIN: A-062-0049.

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	ESTB Date: REV Date: 11/24/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTE: Applicants must submit 1306/7 via the Reg1onal Kennel Master and Military Working Dog (MWD) Program Manager for approval. Personnel completing the MWD Handler "C" School are required to perform dut1es in designated b1llets for a minimum of 48 consecutive months immediately following graduation.

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: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-830-0009	CDP: 107L
Sequence Code: 4	ESTB Date: REV Date: 1/26/15	NR Ind: R
Component NEC: 2005	Related NEC:	Open to Women: Yes
Primary Advisor: MWD PM	Technical Advisor: MWD PM	ECM: BUPERS-32

NOTE: Applicants must submit 1306/7 via the Regional KM and MWD PM for approval. 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.

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-831-0001	CDP: 572B
Sequence Code: 3	ESTB Date: REV Date: 9/9/11	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.
4. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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 or S-830-0940	CDP: 338M or 08P7
Sequence Code: 4	ESTB Date: REV Date: 6/15/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NCIS (POFO)	Technical Advisor: NCIS (POFO)	ECM: BUPERS-32

NOTES:
1. NEC code shall only be awarded after the applicant has been favorably screened by the NCIS POFO and has successfully completed either the Army Protective Services Training Course (CIN: A-840-0001) or the NCIS Protective Services Operations Training Program (CIN: S-830-0940).
2. Billet assignment will be controlled by the NCIS POFO. NCIS POFO approval is required prior to any NEC-2009 billet establishments.

2010 - Nuclear Weapons Security Specialist (NWSS)
Provides Nuclear Weapons Security (NWS) for national strategic assets as approved by the Chief of Naval Operations in coordination with the Commandant of the Marine Corps. Perform specialized duties in NWS operations at Navy Strategic Weapons Facilities (SWF) as members of the Marine Corps Security Force Battalions (MCSFBn). Provide security for restricted and/or exclusion areas. Controls entry and exit of military and civilian personnel, vehicles, and other equipment at access points. Patrols restricted areas and convoy routes by foot, harbor security boat, or tactical vehicle. Perform specific security duties during Strategic Arms Reduction Treaty inspections. Perform convoy escort and defense operations. Performs Military Working Dog operations and enforces general/special orders and regulations applicable to the area of operations.

Source Rating: MA	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/16/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USFFC N1SF	Technical Advisor: SSP	ECM: BUPERS-32

NOTES:
1. NEC code awarded upon successful completion of 24 months of satisfactory performance/qualification attained at a SWF and recommendation of the Commanding Officer.
2. Members must be able to screen into the Personnel Reliability Program (PRP).

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: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-501-0006	CDP: 525F
Sequence Code: 3	ESTB Date: REV Date: 10/9/15	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 code 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.
4. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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.

Source 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

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	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC: 2301	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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: ETR, IT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Must complete operator PQS, six months OJT and have the Commanding Officer's recommendation.

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: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: NEC code 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 NAVCYBERFOR (N7/N1). Include copies of applicable supporting documentation; service record page 4's, enlisted evaluations, CO/OIC's recommendation.

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	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVCYBERFOR (N7/N1), SPAWAR	ECM: BUPERS-32

2378 - VERDIN/ISABPS Shore Communications System Operator

Operates, coordinates and performs systems checks on the Broadcast Keying System Submarine Message Gateway (BKS SMG) equipment including VLF Broadcast Builder (VBB), Proxy CPU, red/black isolation units, URT-30 and WRR-12 digital data communications systems, Time Frequency Distribution System (TFDS), Precision Lightweight GPS Receiver (PLGR), MD-1310, MD-1315, and MD-1316)

Source Rating: ET, ETR, IT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: W-101-3500	CDP: 07PT
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR, CYBERFOR (N13)	ECM: BUPERS-32

NOTE: Source rating ET must be qualified in submarines.

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 of cryptographic publications and associated materials.

Source Rating: IT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-260-0061	CDP: 07UE, 07UF, 07UG
Sequence Code: 4	ESTB Date: REV Date: 6/25/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIDFOR (N7/N1)	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

2401 - Marine Basic Combat Skills Specialist

Provides force protection to Religious Ministry Teams assigned to Marine units afloat and ashore. Must be able to function independently and carry out required duties. Is trained in Expeditionary Ministry Support and provides the professional knowledge to manage and execute a Command Religious Program within Marine units.

Source Rating: RP	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-561-0008	CDP: 2080
Sequence Code: 4	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N097B)	Technical Advisor: OPNAV (N097B)	ECM: BUPERS-32

NOTES:
1. NEC code may be awarded upon successful completion of Marine Corps Expeditionary and Combat Skills Training (MCECST) course. Additionally, the NEC code may be awarded to RPs who interservice transfer 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, possess a valid U.S. driver's license and a secret security clearance.
3. Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

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: Mandatory	CIN: A-511-0015	CDP: 048G
Sequence Code: 2	ESTB Date: REV Date: 2/24/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-44ES1	Technical Advisor: PERS-44ES1	ECM: PERS-44ES1

NOTE: This NEC code 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.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-405C, Pers-231	Technical Advisor: PERS-405C	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

INFORMATION SYSTEMS TECHNICIAN 2709 - 2791

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-531-0028	CDP: 01DZ, 01J5
Sequence Code: 3	ESTB Date: 4/97 REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC: 2720	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTES:
1. Secret security clearance required. Member should attain level 1 (NOVICE) certifications per the Navy's System Administrator Certification Program prior to formal training.
2. Last reviewed during “CIN/CDP” refresh completed 9/9/11.

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: FT, IT, ITS	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0045	CDP: 00SA, 00SB, 03TS, 03VR, 04JL, 04JM
Sequence Code: 3	ESTB Date: 3/7/06 REV Date: 2/5/15	NR Ind: A
Component NEC: 2790	Related NEC: 2720, 2765, 2766	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIDFOR (N13)	ECM: BUPERS-32

NOTES:
1. LAN NEC is a prerequisite for this NEC. A security clearance is required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 10/93 REV Date: 12/4/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTES:
1. This NEC code is no longer being awarded and has been replaced with NEC code 2710. The last system is scheduled for replacement FY 2016.
2. Last reviewed during “NAVMAC Periodicity Review” completed 12/4/14.

2730 - Naval Tactical Command Support System (NTCSS) II Manager

Provides a knowledge to administer the Naval Tactical Command Support Systems (NTCSS), UNIX operating systems, Sybase SQL Adaptive Server Enterprise Relational Database, Windows Server, network system operations and protocols, NTCSS II Desktop Graphical User Interface (GUI), system applications, system security, and System Administrator functions. Performs Information Assurance Technician functions IAW DoD 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: ET, ETR, ETV, FT, IT, ITS	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: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N97)	Technical Advisor: SPAWAR	ECM: BUPERS-32

2765 - Global Command and Control System-Maritime (4.1) Increment 2 System Administrator

Performs installation, configuration, administration, repair, and basic operation of the GCCS-M 4.1 Increment 2 system. Maintains databases, establishes accounts, and configures communications and system interfaces. Performs basic troubleshooting and disaster recovery procedures. These functions are performed afloat and at ashore commands.

Source Rating: IT, ITS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-3500	CDP: 09WL, 09WM
Sequence Code: 3	ESTB Date: 12/14/11 REV Date: 10/22/12	NR Ind: A
Component NEC: 2790	Related NEC: 2710, 2720	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVYCYBERFOR (N13)	ECM: BUPERS-32

2766 - Global Command and Control System-Maritime 4.0.3 (GCCS-M 4.0.3) System Administrator

Performs installation, configuration, administration, repair, and basic operation of the GCCS-M 4.0.3 system on either legacy or common computing environment (CCE) architectures. 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, ITS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-3400	CDP: 09N5, 09N6
Sequence Code: 3	ESTB Date: 4/25/12 REV Date: 2/19/13	NR Ind: A
Component NEC: 2790	Related NEC: 2710, 2720	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N15)	ECM: BUPERS-32

NOTE: Secret security clearance required.

2770 - Applied Cyber Operations Master

Supervises cyber operations, contributes to cyber strategy development, and enforces cyber policy in the areas of DoD Global Information Grid Operations (DGO), Defensive Cyberspace Operations (DCO), and Offensive Cyberspace Operations (OCO). Identifies adaptive cyber vulnerabilities and effects on systems and applies such problem solving skills to Global Information Grid (GIG) operational scenarios in a denied or compromised environment.

Source Rating: CTN, IT	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-00-2001	CDP: 0237
Sequence Code: 7	ESTB Date: 8/18/14 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR	ECM: BUPERS-32

NOTES:

1. Must hold TS/SCI clearance.
2. Must possess a Bachelor of Science degree in a relevant technical field including but not limited to computer science, electrical engineering, and information or engineering technology. The degree must have been awarded by an institution of higher learning accredited by a regional accrediting agency recognized by the U.S. Department of Education.
3. Must complete the NPS Applied Cyber Operations curriculum with a specialization track in one of the following areas:

   a. Network Operations (NetOps) Specialization
   b. Computer Defense Specialization
   c. Adversarial Techniques Specialization

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: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVINT	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

2779 - Information System Security Manager

Principal advisor to the commanding officer for all information security matters. Ensures that INFOSEC program requirements are met. Implements the risk management program required by the DON. Verifies that appropriate security tests are conducted and documented. Ensures that the accreditation support documentation is developed and maintained and verify that each IS meets security specifications for an acceptable level of risk. Reviews the accreditation plan and reaccreditation activities. Ensures that proposed system changes are reviewed, and that implemented system modifications do not adversely impact the security of the system. Ensures that IS users' activities are monitored to verify compliance with security policies and procedures. Coordinates regularly with Information Systems Security Officers (ISSO) and Network Security Officers (NSO), who provide system-level INFOSEC support within the confines of the ISSM's area of responsibility. Maintains an Activity INFOSEC Plan (ISSP) and ensures the development of System Security Plans (SSP) for systems that contain sensitive information.

Source Rating: ETR, ETV, 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: 12/13/15	NR Ind: A
Component NEC: 2791	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

2780 - Network Security Vulnerability Technician

Recognizes microcomputer operating systems (i.e. MS-DOS, Windows, Solaris, UNIX, and Novell Netware) vulnerabilities and performs corrective actions to ensure maximum system availability. Administers and operates installed computer network defense (CND) systems and applications (i.e. HBSS) in accordance with current doctrine. 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: ETR, ETV, FT, IT, ITS, STS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-531-0022	CDP: 588P, 588N, 659J, 633T, 654G, 04LH
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 2791	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

2781 - Advanced Network Analyst

Administers, maintains, and repairs Navy networks systems. Performs Routine and Emergent System Administrator Duties, Enterprise-Level Fault Identification, system level fault analysis, fault isolation, and repair in support of the entire shipboard network infrastructure. Administers and maintains all currently fielded Navy networking systems. Responsible for management and maintenance of network switches, routers, servers and computer work stations. Manages network operating systems within Navy networking systems and services such as Chat and network security. Maintains network service capabilities (i.e. Wireless devices, Voice Over IP (VOIP), Video Teleconferencing (VTC) Video Distribution systems (VDS), associated cabling, fiber optics, throughput, connectivity, I/O devices, and topologies). Possesses thorough knowledge of currently fielded Navy networking systems, technology and trends. Performs network management and maintenance functions including inventory control of computer assets, software and configuration management, user training, and help desk management.

Source Rating: IT, ITS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-531-0045	CDP: 11FV, 6252
Sequence Code: 3	ESTB Date: REV Date: 6/16/14	NR Ind: R
Component NEC: 2791	Related NEC: 2783	Open to Women: Yes
Primary Advisor: OPNAV (N2/ N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	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. Performs Information Assurance Technician functions IAW DoD 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: ETR, ETV, ITS	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-531-0150 A-531-0100	CDP: 06Z4 853S
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: N
Component NEC: 2791	Related NEC: 2781	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTES:

1. Top secret security clearance required for billets. Training will be conducted at the secret level.
2. ETR, ETV, FT, and STS (submarine designated) personnel already holding NEC code 2791 and applying fo rating conversion to ITS are eligible for this NEC code.

2784 - Low Band Universal Communication System Transmit Terminal Equipment Operator/Maintainer

Performs installation, configuration, operation, and administration of Low Band Universal Communication System (LBUCS) Transmit Terminal Equipment (TTE). Maintains databases, establishes accounts, and configures LBUCS TTE communications and system interfaces. Performs software and hardware preventive maintenance, and corrective maintenance of LBUCS TTE to include fault isolation, and remove and replace procedures. These functions are performed at the Broadcast Control Authority (BCA) ashore commands.

Source Rating: ETR, IT, ITS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: JQR/OJT	CIN: W-101-0111	CDP: 11FU
Sequence Code: 4	ESTB Date: 12/16/15 REV Date:	NR Ind: R
Component NEC: 14AB, 2790 or 2791	Related NEC: 2378, 2783	Open to Women: Yes
Primary Advisor: OPNAV(N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR, NAVIDFOR	ECM: BUPERS-32

NOTES:

1. A completed JQR will be required upon successful completion of the LBUCS TTE training, CIN: W-101-0111.
2. Awarded to IT personnel who have also completed the appropriate IAT/CSWF training/certification.

2790 - Information Systems Technician (IAT I)

Operates, secures, 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. Performs corrective and preventative maintenance as required. Maintains logs, files, and publications as it relates to communication and network operations. Performs Information Assurance Technician Level 1 functions IAW DoD 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: ETR, ETV, FT, IT, ITS, STS	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-202-2100	CDP: 06U8, 09B1
	ESTB Date: 3/22/10 REV Date: 12/13/15	NR Ind: A
Sequence Code: 4	Related NEC:	Open to Women: Yes
Component NEC:	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32
Primary Advisor: OPNAV (N2/N6)/(N97)		

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.

2791 - Information Systems Administrator (IAT II)

Administers and secures 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, 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. Performs Information Assurance Technician Level 1 functions IAW DoD 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: ETR, ETV, FT, IT, ITS, STS	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-1980	CDP: 04MV, 04MW, 04NO, 05M6
	K-150-2115	12C4
Sequence Code: 3	ESTB Date: 3/22/10 REV Date: 12/13/15	NR Ind: A
Component NEC: 2790	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N97)	Technical Advisor: NAVIDFOR (N1/N7)	ECM: BUPERS-32

NOTES:

1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Component NEC code not required for ETR, ETV, FT, and STS.

2792 - CANES AN/USQ-208(V) System Administrator/Maintainer

Performs advanced level networking system management, administration and maintenance support to the Consolidated Afloat Networks and Enterprise Services (CANES) AN/USQ-208(V) system. Performs all maintenance tasks and administrative functions associated with the CANES system in a shipboard based environment.

Source Rating IT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: Factory Training	CIN: W-150-4500	CDP: 10JM
Sequence Code: 3	ESTB Date: 4/11/14 REV Date:	NR Ind: N
Component NEC: 2791	Related NEC: 2781	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N1/N7)	ECM: BUPERS-32

NOTES:
1. SBI TS Security Clearance required.
2. Must pass colorblind portion of eye exam.

LOGISTICS SPECIALIST 2813 - 2831

2813 - Reserve Independent Duty Ashore Logistics Specialist

Performs direct and indirect supply administrative support for Navy Reserve Activities (NRA). Duties may include establishing contracts for facility repairs, messing support, berthing arrangement, and procurement actions including credit card, open market, and Federal Supply Schedule purchases.

Source Rating: LS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: R-551-0010	CDP: 869D
Sequence Code: 3	ESTB Date: REV Date: 12/18/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded to Selected Reserve (SELRES) and Full Time Support (FTS) personnel only and will not be used to identify active duty personnel or billets.
2. Last reviewed during "NAVMAC Periodicity Review" completed 12/18/15.

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:
1. NEC may also be earned upon completion of course 8B-F8 (JT)-822-F8.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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: 07U0
Sequence Code: 5	ESTB Date: REV Date: 9/28/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "FC HPRR" completed 9/28/15.

2828 - Relational Supply (Force) Technician

Provides knowledge and skills for a Logistic Specialist assigned or in transit to a Relational Supply (Force Level) equipped ship to function as a Functional Area Supervisor (FAS). Personnel will be able to maintain and review stock records, requisition files, system validation tables, input/output controls; process inventory and financial management listings, queries, issues, requisitions and receipts. Submit batch jobs for generation and review of management reports.

Source Rating: LS	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-551-0029	CDP: 746L, 746M
Sequence Code: 4	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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: 07MT
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC: 2828	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC: 2829	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:

1. 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.
2. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

2840 - Expeditionary Logistics Specialist

Expeditionary Logistics Specialists (LS) with specific training and knowledge in operational expeditionary logistics specific to Navy Expeditionary Combat Command (NECC). The NEC will identify those LS skills unique to expeditionary operations which are not currently included in the LS "A" School curriculum, establishing the recognition, management, and tracking of these new skill sets to include but not limited to: Expeditionary Support Unit Concepts, Joint Operation and Planning Execution System, Tactical Logistics, Readiness Reporting Systems, Theater Contracting, Navy Asset Visibility Systems, Field Ordering Officer/Pay Agents, Joint Logistics Integration Applications, Contingency Operations, and Financial Considerations In An Expeditionary Environment.

Source Rating: LS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 12/14/11 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: COMNECC	Technical Advisor: COMNECC	ECM: BUPERS-32

NOTE: Training will be gained through Computer Based Training and completion of JQR located in COMNECCINST 4400.1B Appendix H within the first year of performing the assigned billet. Training consists of the following: Expeditionary Logistics Course- Basic (CSS-EXLOGBASIC-1.0) and Expeditionary Logistics Course - Intermediate (CSS-EXLOG-INTERMEDIATE-1.0) located in NKO, as well as Advanced-NECC specific course located at https://www.portal.navy.mil/necc/n7/default.aspx

2905 - Personnel Specialist Advanced Disbursing Operations

Directs and coordinates operations of disbursing offices equipped with automated disbursing payroll and travel systems. Performs auditing of payroll entries 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: E3-E9
Course: Mandatory	CIN: A-542-0015	CDP: 574C, 150A
Sequence Code: 3	ESTB Date: REV Date: 2/2/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: DCNP	Technical Advisor: PERS-2	ECM: BUPERS-32

NOTE: Personnel Paygrade E3's will need to obtain TAD orders funded by the Parent Command in order to attend required training for the awarding of NEC code 2905.

2960 - Navy Paralegal

Designed to track personnel who have completed the skills required to perform the duties of a paralegal under the direct supervision of uniformed judge advocates or other attorneys serving the armed services.

Source Rating: LN	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 2	ESTB Date: 8/10/12 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVLEGSVCCOM	Technical Advisor: NAVJUSTSCOL	ECM: BUPERS-32

NOTE: Personnel must have completed the requirements necessary to earn an Associate Degree in Paralegal Studies within 2 years of completing Legalman "A" school in order to earn this NEC code.

3001 - Independent Duty Postal Clerk

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, 790W, 972E
Sequence Code: 3	ESTB Date: REV Date: 10/6/11	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.
3. Last reviewed during "CIN/CDP" refresh completed 10/6/11.

3122 - Barber

Provides haircuts that conform to Navy grooming standards; maintains barber equipment; meets sanitation requirements.

Source Rating: CS, ETN, ETV, FT, ITS, LS, MMA, MMW, MT, SH, STS, YN	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-840-0013	CDP: 325S, 574N
Sequence Code: 6	ESTB Date: REV Date: 1/5/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

NOTE: CS, ETN, ETV, FT, ITS, LS, MMA, MMW, MT, STS, and YN source rating personnel must be submarine designated.

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
Sequence Code: 3	ESTB Date: REV Date: 7/11/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

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: 9/9/15	NR Ind: R
Component NEC: 4747	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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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: EMN, ETN, MMN	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 08	ECM: OPNAV (N133D)

NOTES:
1. NEC code 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 (OPNAV (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: EMN, ETN, MMN	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 08	ECM: OPNAV (N133D)

NOTES:
1. NEC code 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

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.

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: E3-E9
Course: Mandatory	CIN: A-121-0031 A-121-0032	CDP: 02X0 02X2, 02X3
Sequence Code: 4	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC: 3312	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Personnel must remain Personnel Reliability Program (PRP) eligible. New accessions or MT personnel with other than NEC code 3312 are authorized to attend A-121-0031. NEC code 3312 is required prior to attending A-121-0032.

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:
1. Last convening graduated 12 Dec 2012 and deletion of NEC code 3312 is projected to occur in FY 2017.
2. Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

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	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

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: ETV	Billet Paygrades:	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-193-0442	CDP: 4890, 4891
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: ET-14XO	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: NEC code 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/588U.

3349 - Fleet Ballistic Missile Weapons and Navigation System Technician - Special Category
Performs duties as required in current duty assignment.

Source Rating: ETV, MT	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: This NEC code is not used to identify personnel. Billets have been identified at selected activities which do not require specific SWS NEC codes but which do require personnel with SWS backgrounds in the rating indicated on the manpower authorization.

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: 6/1/15	NR Ind: N
Component NEC: 3312	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/1/15.

NUCLEAR PROPULSION PLANT OPERATOR/SUPERVISOR

3351 - Submarine Nuclear Propulsion Plant Emergency Welder
Performs emergency weld repairs on propulsion plant piping and components.

Source Rating: MMN	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-701-0015	CDP: 1303
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: NEC code 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: ETN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0012	CDP: 1306, 203K
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3383	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

3354 - Submarine Nuclear Propulsion Plant Operator - Electrical
Operates and performs organizational level maintenance on electrical systems for submarine nuclear propulsion plants.

Source Rating: EMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1312, 203L
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3384	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

3355 - Submarine Nuclear Propulsion Plant Operator - Mechanical
Operates and performs organizational level maintenance on mechanical systems for submarine nuclear propulsion plants.

Source Rating: MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0014	CDP: 1318, 203M
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3385	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 1324, 203N
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3355	Related NEC: 3385, 3386	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: EMN, ETN, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	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: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTES: 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 MILPERSCOMINST 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/her Commanding Officer. MILPERSCOMINST 1540.1 Series and OPNAVINST 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: ETN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3353	Related NEC: 3393	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: EMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3354	Related NEC: 3394	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

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: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3355	Related NEC: 3395	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3356	Related NEC: 3396	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6 - Engineering Laboratory Technician, Engineroom Supervisor and Shutdown Roving Watch; E-7/8/9 - Engineering Watch Supervisor.

3371 - CVN Propulsion Plant Local Area Network (PPLAN) Administrator

Provides basic and in-depth administration and maintenance of shipboard propulsion plant Local Area Network (LAN). Manages and maintains internal site networks to include but not limited to Active Directory management, server and database backup and administration, server and client administration. Conducts first-level network software and hardware troubleshooting and corrective actions.

Source Rating: EMN, ETN, MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 12/3/12 REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N133D)	Technical Advisor: NAVSEA	ECM: OPNAV (N133D)

NOTES:

1. Must be nuclear qualified and have qualified senior-in-rate (CVN Reactor Department) in accordance with the Engineering Department Manual.
2. NEC code not applicable to submarine Sailors.
3. Must have completed Network Plus or A+ Certification and 5-day Naval Reactors hands-on training at Bechtel Plant Machinery Incorporated (BPMI).
4. NEC code will be awarded through Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Community Manager (N133D).

3372 - CVN Propulsion Plant Local Area Network (PPLAN) Manager

Manages shipboard nuclear reactor plant network operating systems (e.g., Windows Server and clients) and infrastructure (i.e., cabling, throughput, connectivity, I/O devices, and topologies). Possesses thorough knowledge of current technology and trends. Implements a variety of protocols, services, and standards such as TCP/IP and Internet (http, ftp, telnet, smtp, snmp). Manages networks, taking into account hardware and software compatibility, environmental constraints, growth potential, lifecycle management, cost/performance analysis, and user feedback. Performs hardware and software installation. Performs management and maintenance functions including inventory control of computer assets, software configuration and management, user training, and help desk management. Provides oversight and direction to PPLAN Administrators.

Source Rating: EMN, ETN, MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 12/3/12 REV Date: 12/13/15	NR Ind: N
Component NEC: 3371	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N133D)	Technical Advisor: NAVSEA	ECM: OPNAV (N133D)

NOTES:
1. Must be nuclear qualified and have qualified senior-in-rate (CVN Reactor Department) in accordance with the Engineering Department Manual.
2. Must have one year on-the-job training as PPLAN Administrator.
3. NEC code not applicable to submarine sailors.
4. Must have completed Security Plus Certification.
5. NEC code will be awarded through Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Community Manager (N133D).

3373 - Nuclear Propulsion Plant Maintenance Supervisor - Electronics

Supervises organizational and depot level maintenance on reactor control systems for Naval nuclear propulsion plants.

Source Rating: ETN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: F-191-0010	CDP: 031K, 042D, 07SN, 355T
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPN(N96)97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Must be assigned a nuclear operator or supervisor NEC code and must be a graduate of Electronics Technician Maintenance School (ETMS) to qualify for this NEC code.

3375 - Strategic Weapon System Master Chief (SWSMC)

Senior Strategic Weapon System (SWS) enlisted leader assigned on an SSBN. Manages the Weapons Department training, qualification and professional development programs; implements all Weapons Department policies affecting operations, morale, welfare, discipline and performance of the Missile Technician Division.

Source Rating: MT	Billet Paygrades:	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 12/17/12 REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:
1. Must be qualified Strategic Weapons Duty Officer (SWDO).
2. For operational SSBN/SSGN a minimum of three patrols on their first SSBN/SSGN Sea tour as MTC or serving on his second SSBN/SSGN Sea tour as MTC, MTCS or MTCM. For SSBN/SSGNs in overhaul or new construction a minimum of one and a half years onboard first SSBN/SSGN as MTC or serving a second sea tour as MTC, MTCS or MTCM.
3. Must be PRP screened and eligible.
4. Must have Top Secret Clearance.
5. As a prerequisite, member must have preiviously earned either 3303 or 3312 or 3350. Member shall retain prerequisite NEC codes once 3375 has been awarded.

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: EMN, ETN, MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-661-1030	CDP: 322J
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Must be assigned NEC codes 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: EMN, ETN, MMN	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-661-1022	CDP: 925Y
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N1323D)

NOTES:
1. Must be assigned a 336X or 339X NEC code and be a graduate of the IMA Nuclear Planner course.
2. Members assigned a 336X or 339X NEC code and who are not an IMA Nuclear Planner course graduate may request assignment of NEC code 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: ETN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0012	CDP: 1306, 203K
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3353	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: EMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1312, 203L
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3354	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0014	CDP: 203M, 1318
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 9901	Related NEC: 3351, 3355	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 203N, 1324
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3385	Related NEC: 3356	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: EMN, ETN, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	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 (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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 MILPERSCOMINST 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. MILPERSCOMINST 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: ETN	Billet Pay Grades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3383	Related NEC: 3363	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: EMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3384	Related NEC: 3364	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3385	Related NEC: 3365	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC: 3386	Related NEC: 3366	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: ETV, MT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-121-0025	CDP: 01AR
Sequence Code: 1	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

CULINARY SPECIALIST

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
Sequence Code: 5	ESTB Date: REV Date: 10/6/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (51, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/6/11.

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
Sequence Code: 3	ESTB Date: REV Date: 10/6/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (51, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/6/11.

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	ESTB Date: REV Date: 10/9/15	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 code 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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

MUSICIAN

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.

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: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

3802 - Oboe Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

3803 - Clarinet Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3804 - Bassoon Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3805 - Saxophone Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3806 - Trumpet Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3807 - French Horn Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3808 - Euphonium Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3809 - Trombone Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3811 - Tuba Instrumentalist

Source Rating: MU
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: PERS-4014

Billet Paygrades: E3-E9
CIN: A-450-0010
ESTB Date: REV Date: 9/22/14
Related NEC:
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9
CDP: 6065
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

3812 - Guitar Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

3813 - Percussion Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

3814 - Keyboard Instrumentalist

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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: 4	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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: 4	ESTB Date: REV Date: 9/22/14	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. 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.

3851 - Enlisted Band Leader
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: 3	ESTB Date: REV Date: 9/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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: 3	ESTB Date: REV Date: 9/22/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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: 3	ESTB Date: REV Date: 9/22/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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: 3	ESTB Date: REV Date: 9/22/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

3855 - Sound Reinforcement Technician

Designs, configures, and operates amplifier live concert sound reinforcement systems for use in public performances by official Navy bands. Technician qualifications include knowledge of acoustics, basic electricity and electrical safety hearing conservation, simple repair of basic sound system cables, wired and wireless microphone systems (placement, sensitivity, directionality, and frequency response profiles), digital and analog signal processors, digital and analog mixing consoles digital speaker management systems, use of multiple monitor mixes (both in-ear and onstage monitors), loudspeakers (design, directivity, and sensitivity ratings), signal flow, and troubleshooting of complete live sound reinforcement systems.

Source Rating: MU	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-450-0018	CDP: 6990
Sequence Code: 3	ESTB Date: REV Date: 9/22/14	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 technical acumen essential to execution of advanced audio systems and artistic aptitude for delivery of multi-channel mixes in all styles of music and have Bandmaster endorsement. At least one year of on-the-job training with a qualified Sound Reinforcement Technician is required prior to course assignment. PERS-40 14 will select best qualified candidates to attend course.

INTELLIGENCE SPECIALIST

3910 - Imagery Intelligence Analyst

Performs Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) of imagery and geospatial information to describe, assess and visually depict physical features and geographically referenced activities on the earth; detect and report on observed image activities that are of significant military, civilian, industrial, infrastructure, and environmental importance to decision makers and warfighters; use soft-copy imagery interpretation and manipulation skills to identify adversary disposition and location; observe adversary Order of Battle (OOB) to include Tactics, Techniques, and Procedures (TTPs); identify employment of Camouflage, Concealment, and Deception (CC&D), and identification of emerging capabilities, research and development; study and conduct exploitation of Lines of Communications (LOCs), strategic industries, military and civilian infrastructure, Helicopter Landing Zones (HLZs), beach studies, and terrain classification in support of Joint Intelligence Preparation of the Operational Environment (JIPOE); contribute to the Common Operational Picture (COP) by precisely locating activities and objects, assessing and discerning the significance of activities and events observed on imagery, and by providing a context for warfighters and decision makers through the production of imagery reports and graphic products; utilize all aspects of Geospatial Intelligence (GEOINT), literal or non-literal, to provide tailored GEOINT products; and play an important part in Battle Damage Assessment/Bomb Hit Assessment (BDA/BHA), Humanitarian Assistance and Disaster and Relief (HA/DR), and Non-Combatant Evacuation Operations (NEO).

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: 2/5/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	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 (N2/N6)
   2000 Navy Pentagon
   Washington, DC 20350-2000

4. Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

3912 - Expeditionary Warfare Intelligence Analyst

Performs Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) of intelligence to produce relevant and timely tactical operations support; provide Indications and Warnings (I&W); conduct threat assessments; generate intelligence reports, briefs, assessments and summaries; perform Joint Intelligence Preparation of the Operational Environment (JIPOE) and all-source fusion analysis; perform predictive analysis utilizing identified/correlated trends and patterns; conduct debriefings to enhance knowledge of the operating environment; perform target systems analysis and target development; support Sensitive Site Exploitation (SSE); review data for accuracy and reliability of sources; use Command, Control, Communications, Computer, Collection, Intelligence, Surveillance and Reconnaissance (C5ISR) systems; and maintain an all-source intelligence plot.

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: 2/5/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV(N2/N6), SPECWAR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

3913 - Navy Tactical Counter-Intelligence and Human Intelligence (CI/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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: J-244-0944	CDP: 0447
Sequence Code: 4	ESTB Date: REV Date: 3/12/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	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 security clearance required.

3923 - Strike Warfare Intelligence Analyst

Performs Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) of all-source tactical intelligence; perform tactical and operational level research and analysis; assist in the management of Joint/Afloat targeting process; assist in parsing the Air Tasking Order (ATO), Air Combat Operations (ACO), Carrier Air Wing (CVW) Plan, Flight Schedules, and Special Instructions (SPINS); conduct analysis of threat forces disposition, capabilities, tactics and training in support of strike mission planning; provide support of Suppression of Enemy Air Defense (SEAD), identify adversary critical nodes, and centers of gravity to maximize force employment; conduct target development, Time Sensitive Targeting (TST), and precise geopositioning and mensuration; conduct Collateral Damage Estimates (CDEs); produce precise navigational aids and products for Precision Guided Munitions (PGMs); use various tactical databases/systems, tools, and applications to produce textual and graphical representations of the operational area, Target Folders, Kneeboard Products, tactical intelligence reports and briefings; maintain and update local/unit target deck/list; perform imagery ingest, conduct imagery screening; maintain local image library of National Geospatial-Intelligence Agency (NGA) approved imagery for geopositioning and mensuration use; and assist in the preparation of Evasion Plans of Action (EPA) in support of Combat Search and Rescue (CSAR) and Close Air Support (CAS) operations.

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: 2/5/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

3924 - Operational Intelligence (OPINTEL) Analyst

Performs Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) of information to produce relevant and timely intelligence; provide Indications and Warnings (I&W); perform OPINTEL watch standing; conduct threat assessments; generate intelligence reports, briefs, assessments, and summaries; perform Joint Intelligence Preparation of the Operational Environment (JIPOE) and all-source fusion analysis; perform predictive analysis utilizing identified/correlated trends and patterns; review data for accuracy and reliability of sources; use Command, Control, Communications, Computer, Collection, Intelligence, Surveillance and Reconnaissance (C5ISR) systems; maintain an all-source intelligence plot; and serve as Independent Duty Intelligence Specialists (IDISs).

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: J-150-0962	CDP: 3687, 422X
Sequence Code: 4	ESTB Date: REV Date: 12/4/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

3927 - Advanced Strike and Tomahawk Land Attack Missile (TLAM) Mensuration Analyst

Produces imagery based mission planning products for use by the TLAM. Provides advanced imagery processing, exploitation, geopositioning and TLAM navigation product production support to the Tomahawk Strike and Fleet Mission Planning Cells (TSMPC) and the Maritime Component Commander (MCC). Processes and performs analysis of digital imagery data using the targeting and navigation toolset and the common geopositioning services in support of TLAM terminal navigation products: digital scene matching area correlator, vertical update point, and digital elevation matrix needed for TLAM cruise missile mission planning.

Source Rating: IS	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: J-243-2953	CDP: 293S
	S-121-2002	642U, 642X
Sequence Code: 3	ESTB Date: 9/29/14 REV Date:	NR Ind: N
Component NEC: 3923	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N96)	ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. Must be able to view stereoscopic imagery.
3. Successful completion of both courses is required in order to be awarded this NEC code.
4. Requalification/recertification or "loss of currency" training requirements for individuals who fall out of certification will be determined by Cruise Missile Support Activity (CMSA) through formal evaluation to assess the degree and scope of training required for each individual. Loss of currency corrective actions listed below requires CMSA Commanding Officer approval:

a. Out of currency 181 days to two years requires the individual to successfully complete a formal practical evaluation as required for recertification. Recertification training timeline range from one to three weeks (15 training days) and is dependent upon the individual's performance during CMSA formal evaluation.
b. Out of currency by more than two years requires complete CMSA level retraining and recertification. Recertification training timeline is \ approximately five weeks (25 training days).

GAS TURBINE SYSTEMS TECHNICIAN

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: E3-E9
Course: Mandatory	CIN: A-652-0350 (P/L)	CDP: 714G
	A-652-0328	004W
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: E3-E9
Course: Mandatory	CIN: A-652-0354 (P/L)	CDP: 714L
	A-652-0303	173P
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel that are assigned to a CG-47 (non-smart ship) holding either 4126, or 4143 Gas Turbine Mechanical Technician NEC codes, 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 code 4124. Submit NAVPERS 1221/6 to PERS-4013D2.

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: E3-E9
Course: Mandatory	CIN: A-652-0352 (P/L) A-652-0329	CDP: 714J 004X
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: E3-E9
Course: Mandatory	CIN: A-652-0355 (P/L)	CDP: 714M
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Personnel that are assigned to a DDG-51 holding either 4124 or 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 code 4126. Submit NAVPERS 1221/6 to PERS-4013D2.

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: AD, AE, AM, AT, AWF, AWV, DC, EM, EN, GSE, GSM, HT, IC, MM, MR	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-062-0021	CDP: 6049, 6050
Sequence Code: 4	ESTB Date: REV Date: 9/30/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: PERS-4011D5

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: AD, AE, AF, AM, AT, AV, AW, AWF, AWV, DC, EM, EN, GS, GSE, GSM, HT, IC, MM, MR	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-652-0312 K-062-0120	CDP: 0622, 424J 04SD, 04SE
Sequence Code: 5	ESTB Date: REV Date: 1/4/16	NR Ind: N
Component NEC: 4133	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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. Individual must be physically qualified for special duty in accordance with the Manual of the Medical Department (NAVMED P117).
3. Individual must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
4. NEC code will be awarded after completion of Advanced Qualification Training (AQT) and qualification check ride.
5. Individual shall attend LCAC Mechnical Systems Maintenance Technician (K-652-0314) and graduate, earning 4133 NEC code prior to being enrolled in LCAC Craft Engineer.
6. NEC code will be awarded upon successful completion of Advanced Qualification Training (AQT) conducted by parent unit's training department.

4133 - LCAC Mechanical Systems Maintenance Technician
Performs organizational and intermediate level maintenance on LCAC propulsion and lift systems.

Source Rating: AD, AE, AM, AWF, EN, GS, GSE, GSM, HT, MM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0314 K-652-0380	CDP: 0609, 645S 06ZD
Sequence Code: 5	ESTB Date: REV Date: 9/30/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4135 - LCAC Electrical Systems Maintenance Technician
Performs organizational and intermediate level maintenance on LCAC craft control systems.

Source Rating: AE, AT, AWV, EM, ET, GS, GSE, IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0315 K-652-0314	CDP: 0610, 646M 0609, 645S
Sequence Code: 5	ESTB Date: REV Date: 9/30/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: 4/6/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel qualified per OPNAVINST 9220.3 and General Gas Turbine Bulletin 11 (Current Revision). Submit NAVPERS 1221/6 to PERS-4013D2 via NSWCCD 933.
2. Last reviewed during "NAVMAC Periodicity Review" completed 4/6/15.

4140 - NAMTS Gas Turbine Repair
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of marine gas turbine engines in support of Fleet-directed 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 tasks for this skill and demonstration of advanced level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: GS, GSE, GSM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: V-651-4140 (P/L)	CDP: 02H6, 667X, 667Y, 667Z, 6680, 6681, 6682, 6683, 6684, 6685
Sequence Code: 3	ESTB Date: REV Date: 6/24/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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)	CDP: 06S3
Sequence Code: 3	ESTB Date: REV Date: 12/22/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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 4141. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to NAVPERS-4013.

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: E3-E9
Course: Mandatory	CIN: A-652-0364 (P/L)	CDP: 750G
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel that are assigned to a CG-47 (smart ship) holding either NEC codes 4124 or 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 code 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 code 4143. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to NAVPERS-4013D2.

4145 - NAMTS Gas Turbine (Electrical) Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level support procedures including inspecting, troubleshooting, and repairing Gas Turbine (Electrical) systems and associated components in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: GS, GSE	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: OJT/JQR	CIN: V-662-4139 (P/L)	CDP: 11l3, 11L4, 11L5, 11L6, 11L7, 11L8, 11L9, 11LA
Sequence Code: 3	ESTB Date: 12/15/14 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-402

NOTE: Award of this NEC is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirements (JQR) located at https://www.navsea.portal.navy.mil/field/cnrmc/NAMTS/jqrlib.aspx.

4146 - DDG-M Gas Turbine Mechanical Maintenance Technician

Operates and performs advanced organizational and/or intermediate mechanical maintenance to the component level on DDG-M gas turbine main propulsion and electric generating plants mechanical system and auxiliary support systems.

Source Rating: GS, GSM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 9/30/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. The NEC will be awarded to current personnel holding NEC code 4126 and attached to the command during install and through attending the initial training course, CIN G-651-0612, completion of JQR, and recommendation of the Commanding Officer. Submission of NAVPERS 1221/6 is required.
2. The NEC will be awarded to follow-on personnel holding either of the following NEC codes: 4124, 4126, or 4143. One year on-the-job training and recommendation of the Commanding Officer is required. Recommend use of existing JQR/PQS as a means of documenting OJT. Submit NAVPERS 1221/6 with completed qualifications to PERS-4013 to be awarded this NEC.

4150 - LPD-17 Class Engineering Control System (ECS) Operator

Utilizing Engineering Control System (ECS) consoles, aligns, operates, monitors, and conducts casualty control procedures in accordance with Engineering Operational Sequencing System (EOSS) on LPD-17 Class Main Propulsion Diesel Engines locally from the Propulsion Local Control Console (PLCC) and remotely from the Propulsion Auxiliary Control Console (PACC). Using the PQS manuals and EOSS procedures, course graduates will be able to perform tasks with limited supervision for all conditions of ship readiness both in port and underway.

Source Rating: EM, EN, ET, IC, IT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-9003	CDP: 10XW, 10XX, 10XY
Sequence Code: 4	ESTB Date: 9/24/14 REV Date:	NR Ind: A (EM, EN, IC) R (ET, IT)
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

MACHINIST'S MATE

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: E3-E7
Course: Mandatory	CIN: M-750-9901 (P/L)	CDP: 215Z
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4202 - EDLCPO Rating Enhancing Shore Duty

Track personnel who have completed an assignment to a qualifying command and are deemed suitable for potential selection as an Engineering Department Leading Chief Petty Officer (EDLCPOs, otherwise known as Top Snipe). The list of qualifying commands will be agreed to by Commander Naval Surface Forces (CNSF), BUPERS-32 and PERS-40 and will be maintained in a PERS-40 Standard Procedures Detailing Memorandum for Top Snipes. Tours may include assignments to repair facilities, Afloat Training Groups, and/or selected instructor tours.

Source Rating: EM, EN, GS, GSE, GSM, MM	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: 4/11/14 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: COMNAVSURFOR	Technical Advisor: PERS-4	ECM: BUPERS-32

NOTES:

1: Only Surface, Non-Nuclear members may be awarded this NEC code.
2: Petty Officers are eligible for award if they are candidates for fast tracking to EDLCPO - contact PERS-402.

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, MMN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-651-0063 (P/L)	CDP: 036Y
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	CDP: 732X, 732W
	A-4H-0178	3977
	A-4H-0157	444Y
	A-4H-0158	444Z
	A-4H-0159	445A
	A-4H-0160	445B
	A-4H-0005	07S2
	A-4H-0007	07TO
Sequence Code: 3	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. E6 personnel earning this NEC Code must be EOOW qualified and billeted to Afloat Training Group.
2. Successful completion of any of the CINs listed awards the 4206 NEC. Separate attendance of the Senior Enlisted Propulsion Engineering course (A-651-0110) is not required.
3. Last reviewed during "IC HPRR" completed 6/20/12.

4208 - Automated Electrolytic Oxygen Generator (AEOG) Maintenance Technician

Operates the Automated Electrolytic Oxygen Generator on board submarines.

Source Rating: EMN, ETR, ETV, MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0087	CDP: 01E3, 5576, 04R4, 04R5
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind : A
Component NEC:	Related NEC: 4252	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be qualified in submarines and complete DODUSNSLCSOBT 03173.

4227 - NAMTS Pump Repair

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures, inspecting and repairing marine main propulsion and auxiliary pumps and associated equipment in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: DC, EN, GSM, MM, MR	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN: V-652-4222 (P/L)	CDP: 727E, 727F, 727J, 727K, 727L, 727M, 727N, 02HP, llWS, llWP
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 8/12/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-40

NOTE: Award of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx.

4228 - NAMTS Air Conditioning and Refrigeration Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level support procedures including inspecting, troubleshooting, and repairing Air Conditioning systems and compressors in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN: V-720-4223	CDP: 670J, 670K, 670N, 670P, 670R, 670S, 670T, 02HZ
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 8/12/15	NR Ind: R
Component NEC: 4291	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-4

NOTE: Award of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx.

4229 - NAMTS Heat Exchanger Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in the inspection, repair, and testing of heat exchangers and related components in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: GSM, MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 8/6/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-402

NOTES:
1. Personnel attempting to attain NEC code must complete a self-paced, Heat Exchanger Repair Technician course as part of OJT currently being instructed at Regional Maintenance Centers.
2. EN/MM skill realignment 8/6/14.

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: MMA	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-652-0700	CDP: 02AY
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: MMW	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-123-0204	CDP: 6658
Sequence Code: 4	ESTB Date: 7/1/1996 REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4234 - SSN 774 Class Advanced Auxiliary Equipment Technician

Operates and performs organizational level maintenance on all assigned auxiliary equipment.

Source Rating: MMA	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course:	CIN: A-652-0090	CDP: 04HF
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC: 4231	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4235 - SSN 719-783 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 719-783 class ships.

Source Rating: FT, MMW	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-123-0207	CDP: 2354, 1238
Sequence Code: 2	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ETV, FT, MMW, STS	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-123-0198	CDP: 03NJ
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: PERS-323

NOTE: A secret security clearance is required to obtain this NEC code.

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: MMA, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0150	CDP: 044W, 050V, 354X, 5501, 8126, 07K3
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be a qualified diesel operator with 1 year operating experience.

4247 - SSN 719 – 725 and 750 Submarine Vertical Launch System Tube Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 4235)

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: EM, MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0050	CDP: 044Y, 354M
Sequence Code: 5	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC: 4208, 4253	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be qualified in submarines.

4253 - Low Pressure Electrolyzer (LPE) Operator
Operates and performs required mechanical maintenance on the Low Pressure Electrolyzer on board submarines.

Source Rating: MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0190	CDP: 05TZ, 05U0
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC: 4208, 4252	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Must be qualified in submarines; qualified O2 Clean Worker and have completed course 652-0085.

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.

Source Rating: AS, MM, MMA	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-750-0015	CDP: 809U
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N98)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: BUPERS-32

NOTE: Type II or Universal certification in accordance with EPA mandate is required.

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: MMA, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-720-0010	CDP: 3102, 713J
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-690-0028	CDP: 703C
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: MM, MMA	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: GM, AO	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-690-0100	CDP: 585R
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC: 4295	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ENGINEMAN

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	ESTB Date: REV Date: 4/6/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTES:
1. Personnel completing USCG course of instruction and have Commanding Officers' recommendation can be awarded this NEC. Submit NAVPERS 1221/6 to PERS-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 4/6/15.

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: Mandatory	CIN: K-652-0232	CDP: 378D, 423D
Sequence Code: 4	ESTB Date: REV Date: 9/15/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code is currently awarded through completion of Navy school. NEC code previously awarded through factory training is still valid.

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: E3-E7
Course: Mandatory	CIN: A-652-0210	CDP: 533U
Sequence Code: 5	ESTB Date: REV Date: 5/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 5/13/15.

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	ESTB Date: REV Date: 9/19/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

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, 04V4
Sequence Code: 4	ESTB Date: REV Date: 9/19/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: SPECWAR	ECM: BUPERS-32

4307 - MTU 2000 Series Diesel Engine Technician

Operates and performs organizational preventative maintenance, trouble shoots systems/components failures and performs corrective maintenance specifically on MTU 2000 series diesel engines, associated pumps and equipment in accordance with manufacturer's recommendations.

Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-062-2001	CDP: 12VH
Sequence Code: 4	ESTB Date: 9/10/15 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CRG-1/CRG-2	ECM: BUPERS-32

NOTES:

1. Member must have completed special qualifications/requirements for initial/basic entry into the Coastal Riverine Force, which are listed in detailed in the MILPERSMAN 1300–803.
2. NAVPERS 1221/6 shall be submitted to PERS-4013 by the Commanding Officer. Award NEC code 4307 upon member completion of applicable factory training.

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: CM, EN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: K-652-0418	CDP: 07B6
Sequence Code: 4	ESTB Date: REV Date: 9/19/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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.

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: CM, EN, EQ	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0321	CDP: 005G
Sequence Code: 3	ESTB Date: REV Date: 9/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4313 - Outboard Engine Maintenance Technician

Performs periodic and routine maintenance, preoperational and operational inspections, troubleshooting procedures, and repairing outboard eng1nes.

Source Rating: MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Source Rating: BM, CM, EM, EOD, HT, ND, SB, SO	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0237B S-062-0009	CDP: 093D, 12AW 532P
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Request source rating graduates of the NAVSCIATTS Outboard Motor Maintenance Course CIN : S-062-0009 be awarded NEC code 4313.

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, MMA	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-652-0311	CDP: 696G, 696F
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. NEC code 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. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013D2 for award of this NEC code.

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: 2/20/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Mine Countermeasures Main Control Console Operator - CIN/CDP: A-652-0016/06SP is the prerequisite that must be completed in order to be awarded this NEC code.

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
Course: Mandatory	CIN: A-652-0323	6CDP: 005J
Sequence Code: 4	ESTB Date: REV Date: 9/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: A-651-9005	CDP: 10Y9, 10YA, 10YB
Sequence Code: 4	ESTB Date: 7/17/09 REV Date: 10/24/14	NR Ind: R
Component NEC: 4333	Related NEC: 4366	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4340, 4342, 4343, 4344, & 4346 - NAMTS Diesel Engine, Governor, and Injector Repair Technician

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 Fleet-directed 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 to be based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during training and hands-on production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/cnrmc/namts/default.aspx. Training will be led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

4340 - NAMTS Diesel Engine, Governor, and Injector Repair Technician

Source Rating: EN	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: JQR, OJT	CIN: V-652-4340	CDP: 02HB, 6829, 682A, 682D, 682E, 682F, 682G, 682H
Sequence Code: 3	ESTB Date: REV Date: 12/10/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code 4340 will be replaced if either NEC code 4342, 4343, 4344, or 4346 are earned.

4342 - NAMTS Diesel Engine, Governor and Injector Repair Technician, ALCO (251C) and General Motors EMD (645) Specialization - NEC Code Disestablished (Recode Billets & Personnel to 4340)

4343 - NAMTS Diesel Engine, Governor and Injector Repair Technician, MCM Propulsion (Isotta Franchini/SOLAR) Specialization - NEC Code Disestablished (Recode Billets to 4324 & Personnel to 4340)

4344 - NAMTS Diesel Engine, Governor and Injector Repair Technician, Fairbanks Morse (38D 8-1/8) and Colt Pielstick (PC2.5V) Specialization - NEC Code Disestablished (Recode Billets & Personnel to 4340)

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	ESTB Date: REV Date: 4/6/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 4/6/15.

4346 - NAMTS Diesel Engine, Governor and Injector Repair Technician, FFG-7 Class Auxiliaries Mechanical System Specialization - NEC Code Disestablished (Recode Billets & Personnel to 4340)

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: MM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: K-652-2205	CDP: 159H
Sequence Code: 4	ESTB Date: REV Date: 10/21/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 4/6/15	NR Ind: R
Component NEC: 4333	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 4/6/15.

4370 - Causeway Lighterage Engineer
Maintains the Improved Navy Lighterage System Warping Tug (WT) and/or Causeway Ferry (CF).

Source Rating EN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-062-0111	CDP: 00SD
Sequence Code: 4	ESTB Date: REV Date: 11/6/15	NR Ind: A
Component NEC:	Related NEC: 4308	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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: MM	Billet Paygrades:E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-652-2167 (P/L)	CDP: 011Q
Sequence Code: 4	ESTB Date: 4/78 REV Date: 8/6/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: EN/MM skill realignment 8/6/14.

MACHINERY REPAIRMAN

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: 5251
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: 12JS
Sequence Code: 3	ESTB Date: REV Date: 5/7/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4406 - NAMTS Inside Machinist
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures on marine machinery and auxiliary systems and equipment components in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: MR	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN: V-702-4405	CDP: 02HU, 12F9, 721M, 721N, 721S, 721T, 721U, 721V, 721W
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 11/6/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUEPRS-32

NOTE: Award of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirements (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx.

MACHINIST'S MATE

4502 - Boiler Repair Technician
Performs intermediate level maintenance on marine propulsion boilers. Reviews and maintains records and reports pertinent to boiler repair.

Source Rating: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-651-0109	CDP: 089Y
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 boilers, auxiliary/waste heat boiliers, steam catapult accumulators, re-boilers, appurtenances, component systems or related electronic automatic pressure and temperature control systems such as combustion and feedwater control systems, fill and blowdown systems and steam generating plant ancillary equipment (feed and fuel pumps, forced draft blowers, deaerating feed tanks, etc.). Evaluates Boilerwater and Feedwater Test and Treatment Program, OLV Boiler Flexibility Program, reviews associated operational and maintenance records and witnesses prescribed steam generating plant tests.

Source Rating: MM, MMN	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: K-651-2151	CDP: 4131
Sequence Code: 3	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Failure to maintain certification as specified in Series OPNAVINST 9220.3A and SGPI Inspection manual will result in removal of NEC code..

4508 - Automatic Boiler Controls Console Operator
Stands watch on Automatic Boiler Control Console, identifies abnormal in-plant conditions that lead to emergencies and/or casualties, and initiates corrective or emergency actions/procedures when such conditions arise.

Source Rating: MM, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-651-0089B	CDP: 635D, 635E
Sequence Code: 3	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4509 - Electronic Automatic Boiler Controls Maintenance Technician
Performs organizational level maintenance on electronic automatic boiler controls systems, steam plant control systems (chameleon), boiler combustion monitoring systems, boiler ignitor system. Maintenance includes preventive and corrective maintenance, troubleshooting, calibration, and testing on system and subsystem components.

Source Rating: MM, MMN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-651-0088	CDP: 635F, 635G
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC: 4508	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 Fleet-directed 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 tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://www.portal.navy.mil/crmc/NAMTS/. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: DC, GS, GSE, GSM, HT, MM, MR	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Source Rating: EN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: V-652-4540 (P/L)	CDP: 698P, 698R, 698S, 698T, 698U, 698V, 698W, 698X, 698Y
Sequence Code: 3	ESTB Date: REV Date: 3/3/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 Fleet-directed 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 tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea/portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: GS, MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Source Rating: GSE, GSM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: V-652-4541 (P/L)	CDP: 02HJ, 679Y, 6808, 680A, 680B, 680C, 680D, 680E, 680F, 680G
Sequence Code: 3	ESTB Date: REV Date: 6/24/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 Fleet-directed 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 tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://www.portal.navy.mil/crmc/NAMTS/. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

Source Rating: GS, GSM, MM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: V-652-4542 (P/L)	CDP: 02HN, 693C, 693D, 693E, 693F, 693G, 693H, 693J, 693K, 693L
Sequence Code: 3	ESTB Date: REV Date: 9/10/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

ELECTRICIAN'S MATE

4602 - Electricians Mate Surface Ship Electrical Advanced Maintenance

Perform organizational corrective maintenance as well as provide a clear understanding of troubleshooting, fault isolation to the component level, and identification of medium voltage platforms safety awareness procedures regarding electrical and electronic equipment and systems. The hands-on knowledge and skills acquired will be used under limited supervision onboard naval vessels for all conditions of readiness.

Source Rating: EM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-662-0017	CDP: 4020
Sequence Code: 2	ESTB Date: 6/26/14 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTES:
1. A minimum of one year in an operating billet.
2. Non A school (A-100-0102/A-100-0101 and A-662-0002) graduates must have successfully completed NAVEDTRA, Navy Electricity and Electronics Training Series Modules 1, 2, 3, 5, 7, 8, 9, 13, 15, 16, and Mathematics Part 1 within one year prior to attending this course.

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, EMN	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-662-0021	CDP: 471R, 4893
Sequence Code: 5	ESTB Date: REV Date: 1/4/16	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: NEC code awarded upon completion of the appropriate SQIP course and proficiency examination.

4626 - CG 47/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: E3-E9
Course: Mandatory	CIN: A-662-0131 (P/L)	CDP: 095D
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: EMN, ETV	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-623-0132	CDP: 09SO, 321P
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC: 4653, 4708, 4752	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of IMA industrial machinery.

Source Rating: EM, GS, GSE	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: V-662-4651 (P/L)	CDP: 02HR, 12FE, 12GV, 682U, 682V, 682Y, 682Z, 6830, 6831, 6832
Sequence Code: 3	ESTB Date: REV Date: 10/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrlib.aspx.

4652 - NAMTS Inside Electrical Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures, inspecting, testing, and servicing motors/generators and correcting vibration on rotating machinery in support of Fleet directed requirements. Possesses knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industry machinery.

Source Rating: EM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN: V-662-4650 (P/L)	CDP:727E,727F,727J,727K,727L, 727M, 727N,02HP
Sequence Code: 3	ESTB Date: 7/30/13 REV Date: 12/15/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA	ECM: PERS-40

4653 - Low Pressure Electrolyzer (LPE) Maintainer

Performs required electrical maintenance on the Low Pressure Electrolyzer onboard submarines.

Source Rating: EMN	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0050	CDP: 06A5, 06A6
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC: 4641, 4752	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: E3-E7
Course: Mandatory	CIN: A-647-0019	CDP: 06ST
Sequence Code: 4	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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: E3-E7
Course: Mandatory	CIN: A-690-0099	CDP: 585P
Sequence Code: 4	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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: E3-E7
Course: Mandatory	CIN: K-652-2204	CDP: 159G
Sequence Code: 4	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

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: E3-E7
Course: Mandatory	CIN: A-670-0043	CDP: 577E
Sequence Code: 3	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

4685 - LSD-41/49 Class Advanced Engineering Control System (AECS-MCS) 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), Propulsion Load Management Unit (PLMU), Local Area Network (LAN), On-board Trainer (OBT), and Ship Control System (SCS).

Source Rating: EM	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-651-1115 (P/L)	CDP: 11X5, 11X6
Sequence Code: 4	ESTB Date: REV Date: 3/3/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4686 - LSD-41/49 Class Electric Plant Maintainer

Performs organizational level preventive and corrective maintenance, system alignment, troubleshooting and fault isolation within the Electric Plant. Utilizing technical manuals and Engineering Operational Sequencing System (EOSS) procedures, pipeline graduates will be able to perform tasks necessary to maintain the system with little or no Intermediate Level or Depot Level assistance.

Rating: EM	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-651-0047	CDP: 4541, 713G
	J-662-0046	11PT, 11PU
	A-662-3001	11H2, 11H3
	J-662-0044	015W, 527Z
	J-662-0045	05B2, 05B4
Sequence Code: 4	ESTB Date: 8/13/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

INTERIOR COMMUNICATIONS ELECTRICIAN

4703 - FFG-7 Class Interior Communications Subsystem Technician- NEC Code Disestablished (Recode Billets & Personnel to 0000)

4705 - LPD-17 Class Steering And Propulsion Control System (SPCS) Maintainer
Performs organizational level preventive and corrective maintenance, system alignment, troubleshooting and fault isolation to the Lowest Replaceable Unit (LRU) on the SPCS. Utilizing Built–in-Test (BIT), technical manuals, and Engineering Operational Sequencing System (EOSS) procedures, course graduates will be able to perform tasks with limited supervision for all conditions of ship readiness.

Rating: ET, IC	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-651-9008	CDP: 11MZ
Sequence Code: 4	ESTB Date: 8/27/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4708 - Automated Electrolytic Oxygen Generator (AEOG) Maintenance Technician
Maintains the Automated Electrolytic Oxygen Generator. Performs organizational level maintenance on assigned equipment.

Source Rating: EMN, ETV	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0008	CDP: 00UU, 00UV, 00UW, 5574
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC: 4752	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

4717 - AN/STC-3(V) Integrated Voice Communications System (IVCS) Maintenance Technician
Performs organizational level maintenance and operates the AN/STC-3(V)IVCS 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 S8400 and TN2302AP Media Processor, within the IVCS system, all interfaces, 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 hours-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-623-0002	CDP: 09R2
Sequence Code: 4	ESTB Date: 6/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC: 4712	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: 6/20/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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	ESTB Date: REV Date: 6/20/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

4739 - Gigabit Ethernet Data Multiplex System (GEDMS) Interior Communications (IC) Electrician

Performs organizational level preventive and corrective maintenance, using self diagnostics and built-in test equipment, supported by appropriate documenta-tion; performs troubleshooting, fault isolation, tests, aligns, calibrates, and replaces or repairs faulty individual components; operates connected systems consoles during testing to ensure system connectivity onboard DDG 111AF and for DDG Modernization of DDGs 51 through 78.

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-102-0256	CDP: 07HG
Sequence Code: 3	ESTB Date: 5/10/11 REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC: 4738	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05H	ECM: BUPERS-322

NOTES:

1. Successful completion of GEDMS Pre-Requisite training consisting of a self-paced Computer Based Training/Interactive Courseware (CBT/ICW) is required. This will be hosted on Navy E-Learning (NEL). The catalog number is CSCS-GEDMS-A-102-0256-00001. This CBT/ICW is to be completed within 60 days prior to reporting to GEDMS classroom training.
2. Last reviewed during "IC HPRR" completed 6/20/12.

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: 8/8/12	NR Ind: R
Component NEC: 4741	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 8/8/12.

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “IC HPRR” completed 6/20/12.

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “IC HPRR” completed 6/20/12.

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “IC HPRR” completed 6/20/12.

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC: 4746	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Naval Reservists can earn this NEC by satisfactorily completing the following procedures:

   a. Application for NEC 4747 should be made to the Navy Broadcast Service (NBS) and must include:

      1. A certificate of completion of a minimum of two years vocational-technical education in broadcast engineering.
      2. Verification of two years current full-time experience in broadcast engineering.
      3. A two week ACDUTRA at NBS for evaluation and familiarization with Navy equipment.
      4. An ACDUTRA performance evaluation by a NBS activity.

   b. 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.

2. Last reviewed during "IC HPRR" completed 6/20/12.

4752 - Electrolytic Oxygen Generator (Model 6L16) Electrical Technician

Performs organizational and intermediate level maintenance on electrical components of the 6L16 Oxygen Generator.

Source Rating: EMN, ETV, MMA	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-623-0039	CDP: 044D, 356P
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC: 4641, 4653, 4708	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: To attend the course and receive this NEC code, MMA 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.

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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	ESTB Date: REV Date: 6/20/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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.

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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	ESTB Date: REV Date: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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: 6/20/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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: 6/20/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

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	ESTB Date: REV Date: 8/29/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "QM HPRR" completed 8/29/11.

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: E3-E7
Course: Mandatory	CIN: A-623-0010	CDP: 06SR
Sequence Code: 2	ESTB Date: REV Date: 3/3/15	NR Ind: N/A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N95)/(N96)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

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: 6/20/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "IC HPRR" completed 6/20/12.

4789 - NAMTS Interior Communications Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures by troubleshooting, repairing and testing atmospheric control and monitoring equipment; indicating, order, and metering systems; and navigation and communications systems in support of Fleet directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of Intermediate Maintenance Activity (IMA) industrial machinery.

Source Rating: IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 9/27/13 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: PERS-406

NOTE: Award of this NEC code is based on documented completion of Fleet- Specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR) located at https://www.portal.navy.mil.crmc/NAMTS/. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

DAMAGE CONTROLMAN

4805 - Shipboard Chemical, Biological and Radiological-Defense (CBR-D) Operations and Training Specialist

Trains and advises shipboard personnel on the integration of CBR-D doctrine into command organization and operations in addition to the necessary protective measures for defense against and recovery from shipboard chemical, biological, or radiological involvement. Supervise and perform operational procedures and organizational level maintenance on CBR-D detection, protection and removal equipment.

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	ESTB Date: REV Date: 9/14/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	ESTB Date: REV Date: 10/21/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4813 - NAMTS Watertight Closure Maintenance Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in the removal, installation, and testing of watertight closures, gaskets, and the disassembly, replacement, and reassembly of watertight closure and components in support of Fleet-directed requirements.

Source Rating: BM, DC, EN, EM, GS, GSE, GSM, HT, IC, MM, MR	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: JQR, OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/7/13 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA	ECM: PERS-40

NOTE: Awarding of this NEC code will be based on documented completion of Fleet-specified tasks for this skill, demonstration of advanced-level proficiency during hands-on training and production work as specified in current JQR, and completion of self-paced Watertight Closure Maintenance Technician course being instructed at Regional Maintenance Centers.

HULL MAINTENANCE TECHNICIAN

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 Fleet-directed 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 tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification Requirement (JQR) located at https://www.portal.navy.mil/crmc/NAMTS/. 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: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: V-700-4911 (P/L)	CDP: 02HS, 725F, 725G, 725J, 725K, 725L, 725M, 725N, 725P
Sequence Code: 3	ESTB Date: REV Date: 9/10/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

4942-4946 - 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 code shall be submitted by the Commanding Officer. The NEC code 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. NEC codes 4942-4946 require certification. Submit NAVPERS 1221/6 to PERS-4013D2 with a verification copy attached. Addressed requests for examiner certification to:

Conventional NEC code 4946: NAVSEA 05 Test Examiner
Certification Agency
Service School Command Great Lakes
Hull Division Bldg. 520
2306 Sheridan Rd.
Great Lakes, IL 60088

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-E9
Course: Mandatory	CIN: A-701-0033	CDP: 576W
Sequence Code: 3	ESTB Date: REV Date: 7/5/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 04	ECM: BUPERS-32

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- E9
Course: Mandatory	CIN: A-701-0057	CDP: 576Y
Sequence Code: 3	ESTB Date: REV Date: 7/5/12	NR Ind: R
Component NEC: 4942	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 04	ECM: BUPERS-32

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- E9
Course: Mandatory	CIN: A-701-0058	CDP: 576Z
Sequence Code: 3	ESTB Date: REV Date: 7/5/12	NR Ind: R
Component NEC: 4942	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 04	ECM: BUPERS-32

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, one or both 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	ESTB Date: REV Date: 7/5/12	NR Ind: R
Component NEC: 4943 or 4944	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 04	ECM: BUPERS-32

NOTES:

1. To be awarded upon successfully certifying as an Examiner in the VT, MT, PT and one or both UT and RT inspection methods for Nonnuclear applications. Certification examinations shall be administered in accordance with NSTM Chapter 074 Volume 2. Applicant must have a minimum or one year as a HT-4943 and/or 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 SUBMITTED IAW CHAPTER 074 VOLUME 2).
2. Personnel will retain previously earned Component NEC (4943 and/or 4944) upon being awarded NEC 4946.

4952 - NAMTS Pipefitter

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures fabricating and installing piping in support of Fleet-directed 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 Fleetspecified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification requirement (JQR) located at https://www.portal.navy.mil/crmc/NAMTS/. 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: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: V-711-4952 (P/L)	CDP: 02HW, 732G, 732H, 732K, 732L, 732M, 732N, 732P, 732R
Sequence Code: 3	ESTB Date: REV Date: 9/10/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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.

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: 4899, 4898
Sequence Code: 3	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC code 4955 personnel in paygrades E7, E8 and E9 may be assigned as welding supervisors.
2. Prerequisites: HT “A” School Graduate after October 1999, or previously qualified NEC code 4954, or two years fleet experience in the HT rating.
3. Last reviewed during “CIN/CDP” refresh completed 9/9/11.

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	ESTB Date: REV Date: 5/28/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. This NEC code will not be used to identify billets. For diver qualifications and NEC code source ratings refer to MILPERSMAN 1220-100.
2. Last reviewed during “NAVMAC Periodicity Review” completed 5/28/15.

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: ALL	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 5/12/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: YES
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:

1. Candidates must complete the Naval Special Warfare (NSW) 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 Expeditionary Combat Skills (ECS), 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).
5. Last reviewed during “NAVMAC Periodicity Review” completed 5/12/15.

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: ALL	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 5/12/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: YES
Primary Advisor: OPNAV (N95)	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 and must have PRT scores within standards for the last five cycles.
2. Member will retain previously earned NEC codes upon completion of NEC 5307.
3. A SECRET security clearance is required.
4. Submit NAVPERS 1221/6 to PERS-4013 via ECM (BUPERS-32).
5. Last reviewed during “NAVMAC Periodicity Review” completed 5/12/15.

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	ESTB Date: REV Date: 5/28/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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
3. Last reviewed during “NAVMAC Periodicity Review” completed 5/28/15.

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 OPNA(N96)4. See NAVMILPERSMAN 1220-100 for details on screening and qualifications.
4. 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 - SO Candidate
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-E5	Personnel Paygrades: E2-E5
Course: Mandatory	CIN: K-431-0024	CDP: 169K
Sequence Code: 4	ESTB Date: REV Date: 5/12/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTE: NEC code is awarded only while member is in a SEAL training student status and has completed BUDS post Hell Week 1st, 2nd, and 3rd phase.

5323 - SDV 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: SO	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0040	CDP: 529R
Sequence Code: 2	ESTB Date: REV Date: 5/12/14	NR Ind: R
Component NEC: 5326	Related NEC:	Open to Women: No
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	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 code 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: SO	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0059	CDP: 754F
Sequence Code: 2	ESTB Date: REV Date: 5/12/14	NR Ind: R
Component NEC: 5320	Related NEC: 5323	Open to Women: No
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. MILPERSMAN 1220-410 addresses Physical Screening Testing Standards and Procedures.
2. Rating designation is awarded upon completion of SO “A” School training pipeline as described in MILPERSMAN 1220-300.
3. Conversions will be conducted per MILPERSMAN 1220-300, 1440-010, and 1440-060. Approval to attend SO “A” School will be based on the needs of the SO community as determined by Bureau of Naval Personnel (BUPERS)-324.

5328 - Very Shallow Water Mine Countermeasures (VSW MCM) Operator

Performs 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	ESTB Date: REV Date: 10/27/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:
1. Component NEC is required for initial qualification only. Member will retain NEC codes 5326 or 5323 upon completion of VSW MCM Operator certification.
2. Last reviewed during "QM HPRR" completed 10/27/11.

5329 - NSW Development and Evaluation Operator

The NEC code will be awarded to track Sailors who have successfully completed Commander, Naval Special Warfare Development Group (COMNAVSPECWARDEVGRU) Selection and Training (S&T) local Course of Instruction (COI).

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/31/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: SPECWAR	Technical Advisor: SPECWARDEVGRU	ECM: BUPERS-32

NOTES:
1. Top Secret security clearance required.
2. Member must maintain current dive, jump and demolition qualifications.

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	ESTB Date: REV Date: 5/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 5/13/15.

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-E6
Course: Mandatory	CIN: A-431-0133	CDP: 04TR
Sequence Code: 1	ESTB Date: REV Date: 1/24/13	NR Ind: R
Component NEC: 5330	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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-E7
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 1/24/13	NR Ind: R
Component NEC: 5333	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.

5337 - Master EOD Technician
In addition to 5335 also plans EOD operations.

Source Rating: EOD	Billet Paygrades: E7-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 1/24/13	NR Ind: R
Component NEC: 5335	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.

5338 - Explosive Ordnance Disposal (EOD) Exploitation Specialist
Perform, supervise, manage, and provide training in Level 1 and 2 Weapons Technical Intelligence exploitation. This includes explosive triage activities; initial tactical and technical categorization of materials of interest; and intitial intelligence analysis related to the exploited items. Provide post-blast investigation support for significant events and site exploitation encompassing tactical evaluation of the incident site; identification and collection of components; forensic materials; biometricmaterials; and related tactical Document and Media Exploitation (DOMEX). Produce detailed exploitation reports used for rapid development of Counter-Improvised Explosive Device (C-IED) tactics, techniques, and procedures, and support to ordnance-related intelligence operations. Serve in a leadership capacity when assigned to a Combined Explosive Exploitation Cell (CEXC) or Materials Exploitation Cell in support of Combatant Command or Joint Task Force (JTF). Possess subject matter expertise on the use and employment of various radio controlled improvised explosive device electronic countermeasures, Level 3 exploitation capabilities, and intelligence feeder processes.

Source Rating: EOD	Billet Paygrades:	Personnel Paygrades: E5-E9
Course: JQR, OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: 5/3/13 REV Date: 2/9/15	NR IND: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA (05)	ECM: BUPERS-32

NOTES:
1. Member must complete prescribed On-the-Job Training (OJT); complete training and task certifications as outlined in the EOD Exploitation Specialist Job Qualification Requirement (JQR); and complete the Navy Explosive Ordnance Disposal Technology Division (NAVEODTECHDIV) Readiness and Training Department's CEXC Platoon pre-deployment training cycle.
2. Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance eligible.

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	ESTB Date: REV Date: 5/28/15	NR Ind: A
Component NEC: 5309 and 5345	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:
1. NEC may be awarded to personnel holding 532X or 533X series NEC codes 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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 5/28/15.

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: 1	ESTB Date: REV Date: 7/31/13	NR Ind: R
Component NEC: 5342	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Minimum 6 years experience in NEC code 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: 1	ESTB Date: REV Date: 7/31/13	NR Ind: R
Component NEC: 5343	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Minimum 6 years experience in NEC code 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: 1	ESTB Date: REV Date: 7/31/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Open to all ratings E5 and below for Lateral Conversion. ND rate and NEC code 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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 10/96 REV Date: 5/15/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: OPNAV N873	ECM: BUPERS-32

NOTES:
1. Source Ratings are in accordance with MILPERSMAN 1220-100.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/15/15.

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:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-433-0023	CDP: 6419
	A-433-0052	385G
Sequence Code: 4	ESTB Date: 1/70 REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Source Ratings are in accordance with MILPERSMAN 1220-100.
2. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0049	CDP: 066F
Sequence Code: 4	ESTB Date: REV Date: 5/28/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:
1. Only personnel holding 533X, 534X series or 8493 NEC codes are eligible for this NEC code.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

5350 - Special Warfare Boat Operator (SB) Candidate

Individual is in SWCC training student status. Individual will perform as Special Warfare Combatant Crewman in the basic operation and maintenance of various Special Warfare Combatant Craft while assigned to Naval Special Warfare Center. Operates from coastal, riverine, and other restricted water areas.

Source Rating:	Billet Paygrades: E2-E5	Personnel Paygrades: E2-E5
Course: Mandatory	CIN: K-060-0030	CDP: 151J
Sequence Code: 4	ESTB Date: REV Date: 5/12/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. SWCC program open to male ground combat volunteers only.
2. MILPERSMAN 1220-400 addresses Naval Special Warfare Crewmember certification and waiver requirements.

5352 - Special Warfare Combatant-craft Crewman (SWCC)

Personnel will plan, conduct, and supervise Combatant Craft operations throughout the spectrum of special warfare missions within Special Warfare Commands.

Source Rating: SB	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: K-060-0032	CDP: 966W
Sequence Code: 2	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC: 5350	Related NEC:	Open to Women: No
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. SWCC program open to male ground combat volunteers only.
2. MILPERSMAN 1220-400 addresses Naval Special Warfare Crewmember certification and waiver requirements.
3. MILPERSMAN 1220-410 addresses Physical Screening Testing Standards and Procedures.
4. Rating designation and NEC code is awarded upon completion of SB "A" School training pipeline as described in MILPERSMAN 1220-400.
5. Conversions will be conducted per MILPERSMAN 1220-400, 1440-010, and 1440-060. Approval to attend SB "A" School will be based on the needs of the SB community as determined by Bureau of Naval Personnel (BUPERS)-324.
6. NEC code is awardable to SELRES enlisted personnel provided they meet the requirements for the 5352 NEC as per MILPERSMAN 1220-400.
7. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-433-0048	CDP: 262Y
Sequence Code: 4	ESTB Date: REV Date: 5/28/15	NR Ind: R
Component NEC: 5342 or 5931	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Source Ratings are in accordance with MILPERSMAN 1220-100.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

5392 - Naval Special Warfare Special Operations Combat Medic (SOCM)

Provides advanced emergency and combat casualty care in support of Naval Special Warfare (NSW) training and operations. Performs basic and advanced trauma casualty management and paramedic level skills, basic emergent surgical procedures, treatment of basic traumatic dental emergencies, and other routine and emergency medical health care procedures to meet NSW operations requirements while deployed in support of USSOCOM. Provides emergency care to diving casualties, and may serve as a hyperbaric chamber inside tender. Instructs and advises operational personnel in Tactical Combat Casualty Care and serves as a primary tactical medical advisor to operational commanders for all aspects of NSW/USSOCOM missions. Maintains USSOCOM Special Operations Advanced Tactical Paramedic (SO-ATP) certification, to include proficiency and adherence to established USSOCOM Tactical Trauma Protocols (TTPs), Tactical Medical Emergencies Protocols (TMEPs), and Tactical Combat Casualty Care (TCCC) as governed by the Committee on TCCC (CoTCCC).

Source Rating: SO, SB	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-300-0042, K-431-0021	CDP: 434W, 3596
Sequence Code: 3	ESTB Date: REV Date: 7/23/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. NEC code 5392 is a SNEC code assigned to SEAL and SWCC personnel who are assigned to NSW. Personnel must be qualified SOs or SBs and complete the mandatory training courses to be awarded this NEC code.
2 . Mandatory training B-300-0042, Special Operations Technician (SOCM) course and K-431-0021, Special Operations Technician course.
3. NEC code 5392 may be assigned to SEAL and SWCC Navy Reservists who have completed the mandatory training courses and maintain a USSOCOM SO-ATP certification.

ENGINEERING AID

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NEC codes 5501 and 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.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

5503 - Advanced Engineering Aide

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: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-412-0027(P/L)	CDP: 09DM, 09DN
Sequence Code: 3	ESTB Date: REV Date: 8/10/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   b. Completion of individual segments of the formal training with A-412-0018 Surveying, A-412-0019 Drafting, A-412-0023 Construction Design, A-412-0024 Materials Testing, and A-412-0026 Global Positioning System Surveying, combined with on-the-job training, and recommendation of the Commanding Officer.
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.
2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

CONSTRUCTION ELECTRICIAN

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: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 9/9/15	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 5601 after completion of both the prerequisite Air Force course and the factory training.
5. Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

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: 07KE
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:
1. Billets require Commander Naval Facilities Engineering Command's concurrence to be coded with this NEC.
2. Last reviewed during “CIN/CDP” refresh completed 9/9/11.

5635 - Advanced Construction Electrician

Employs the principles and techniques of foremanship. Applies advance 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 cable and splices them. Plans and installs interior wiring and lighting systems.

Source Rating: CE	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-721-0038(P/L)	CDP: 09DJ, 09DH
Sequence Code: 3	ESTB Date: REV Date: 8/10/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   d. Completion of the formal training course.
   or
   e. Completion of individual segments of the formal training with A-721-0034A (Electrical Theory); A-721-0037 (Power Distribution System and Line Vehicles); A-721-0032A (Motors and Controllers); A-721-0024A (Advanced Base Power Plant and Maintenance); A-721-0001A (Interior Wiring), combined with on-the-job training, and recommendation from the Commanding Officer.
   or
   f. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.
2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

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: 10/27/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: NEC code is awarded upon completion of Air Force courses: A-622-005 (CDP 626G) Fiber Optic, A-622-0006 (CDP 233X) Digital Voice Switching, A-622-0013 (CDP 07T1) Telephone Installation and Maintenance, A-622-0014 (CDP 07T2) CISCO CALL MGR W VOIP, A-622-0015 (CDP 07T3) Meridian 1 Option 61C, A-622-0017 (CDP 07T5) Telecomm MGT Systems.

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	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

EQUIPMENT OPERATOR

5707 - 5710

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NEC codes 5707, 5708, and 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.

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. NECcode 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	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 code 5931 or 5932 to be awarded this NEC code.
   f. Personnel must meet the standards of NAVMED P-117, Sections III and IV, prior to attending school.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

5710 - Advanced Equipment Operator

Employs the principles and techniques of foremanship to equipment operations. Solves basic mathematics problems related to earthwork and equipment effectiveness. Applies principles of surveying as it pertains to earth work operations. Applies principles of asphalt paving and operates, adjusts and services asphalt paver, asphalt distributer and rollers in support of paving operations. Operates, adjusts and services excavators and scrapers. Operates, adjusts and services tractor/trailers. Applies principles of soil stabilization and operates, adjusts and services soil stabilization machine. Applies principles to trenching and placing trench boxes. Applies principles to vehicles recovery operations utilizing light and heavy equipment. Mount, operate, adjust and service the Grader Control System on Graders and Dozers in support of earthwork operations. Employs the principles and techniques of transportation supervisory skills to transportation operations and line haul planning.

Source Rating: EO	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-730-0049 (P/L)	CDP: 09DP, 09DR
Sequence Code: 3	ESTB Date: REV Date: 5/8/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. NEC code may be earned by completion of one of the following means:

   a. Completion of the formal training course.
   or
   b. Completion of individual segments of the formal training with Transportation Operations (A-730-0046), Earthwork Operations (A-730-0047) and Pavement (A-730-0048).
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

3. The following prerequisites must be completed prior to attending the Formal training course or the Earthwork Operations (A-730-0047) individual segment:

   a. Complete NKO General Crane Safety Course (NCC-GCS-02)
   b. Complete NKO Crane Rigger Course (NCC-CR-04)

5711 - Crane Operator

Conducts hookblock, clamshell, dragline, and pile driving crane operations. Hookblock consists of: load calculations, boom assembly/disassembly, and proper lifting techniques. Clamshell and dragline operations consist of: rigging cranes with clamshell and dragline attachments, along with proper clamshell and dragline operations. Pile driving consists of: proper rigging of the pile driving attachment to the crane and proper pile driving techniques.

Source Rating: EO, CM	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-730-0050 (P/L)	CDP: 09DU, 09DS
Sequence Code: 3	ESTB Date: 4/23/12 REV Date: 5/8/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CSFE (N7)	Technical Advisor: CSFE (N7A22)	ECM: BUPERS-32

NOTES:

1. NEC code may be earned by completion of one of the following means:

   a. Completion of the formal training course (A-730-0050).

   or

   b. Completion of individual segments of the formal training with Hook Block Operations (A-730-0028), Clamshell and Dragline Operations (A-730-0029) and Pile Driving (A-730-0030).

2. The following prerequisites must be met prior to attending the formal training course:

   a. Complete General Crane Safety (CIN/CDPs: A-730-0035/586E, 5864) or NKO General Crane Safety Course (NCC-GCS-02)

   and

   b. Complete NKO Crane Rigger Course (NCC-CR-04)

   and

   c. Current Physical Examination with certificate in accordance with Title 49 CFR Parts 391.41 through 391.43.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CIVIL ENG, OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

CONSTRUCTION MECHANIC

5805 - Advanced Construction Mechanic

Diagnoses and repairs engines, fuel and electrical systems, hydraulic and pneumatic systems, power trains and chassis systems, automotive air conditioning systems, as well as perform oxy-acetylene welding and gas metal arc welding in both normal field and shop conditions.

Source Rating: CM	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-610-0054	CDP: 09DL, 09DK
Sequence Code: 3	ESTB Date: 10/1/1979 REV Date: 5/22/2013	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. Navy Enlisted Classification (NEC) code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   b. Completion of individual segments of the formal training with Power train and Chassis (A-610-0048), Hydraulic and Pneumatic Systems (A-610-0050), Engines, Fuel and Electrical Systems (A-610-0051) and Automotive Air Conditioning (A-610-0052).
   c. Completion of On-the-Job Training (OJT) and recommendation from the Commanding Officer (CO). recommend use of Job Qualification Requirement/Personnel Qualification Standard(s) (JQR/PQS) as means of documenting On-the-Job Training (OJT).
2. Submit Navy Personnel (NAVPERS) 1221/6 with supporting documentation to Personnel (PERS)- 4013 via the respective Enlisted Community Manager (ECM) for awarding of Navy Enlisted Classification (NEC) code from means other than completion of formal training pipeline.

5810 - Advanced Diagnostics Shop Management

Responsible for the daily implementation and scheduling of required maintenance items. Responsible for generating and maintaining a weekly Schedule/13-week report. Responsible for distributing work assignments and overseeing the corrective actions.

Source Rating: CM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-610-0053	CDP: 09CX, 09CY
Sequence Code: 3	ESTB Date: 4/23/2012 REV Date:	NR Ind: A
Component NEC: 5805	Related NEC:	Open to Women: Yes
Primary Advisor: CSFE (N7)	Technical Advisor: CSFE (N7A27)	ECM: BUPERS-32

NOTES:
1. Trainee must be 3M (303) qualified.
2. CM E7-E8 must have previously held 5805 to be awarded this NEC code.

BUILDER

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.

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: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-710-0057(P/L)	CDP: 09DE, 09DD
Sequence Code: 3	ESTB Date: REV Date: 8/10/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:

a. Completion of the formal training course.
or
b. Completion of individual segments of the formal training with A-710-0054, A-710-0055, and A-710-0056, combined with on-the-job training, and recommendation from the Commanding Officer.
or
c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

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	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.

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, EA, EO	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-412-0012	CDP: 3140, 350Z
Sequence Code: 3	ESTB Date: REV Date: 4/17/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

5931 - Underwater Construction Technician Advanced

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	ESTB Date: REV Date: 1/3/13	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).

5932 - Underwater Construction Technician Basic

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	ESTB Date: REV Date: 1/3/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

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	ESTB Date: REV Date: 9/9/15	NR Ind: N
Component NEC: 5931	Related NEC: 5341	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

STEELWORKER

6001 - 6021

Personnel attached to the Reserve Naval Mobile Construction Battalion (RNMCB) are awarded NEC codes 6010 and 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.

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: BU, CE, CM, CU, EA, EO, SW, UC, UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-710-0001	CDP: 05BV
Sequence Code: 4	ESTB Date: REV Date: 8/6/15	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 code is awarded based on completion of CIN A-710-0001 and assignment to Naval Support Unit. NEC code 6001 will be awarded upon completion of training and recommendation by OIC, Naval Support Unit.
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.

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: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-711-0030 (P/L)	CDP: 09DW, 09DV
Sequence Code: 3	ESTB Date: REV Date: 8/10/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. NEC code may be earned by completion of one of the following means:

   a. Completion of the formal training course.

   or

   b. Completion of individual segments of the formal training with A-711-0002A, Shielded Inert Gas Welding,A-711-0022A, Arc Welding (Structural), A-711-0023A, Arc Welding (Pipe/Up), A-711-0024A, Gas Cutting and Welding, A-711-0025A, Metal Fabrication and Lay-out, A-711-0026A, Sheet metal Work, A-711-0027A, Steel Reinforcing, combined with on-the-job training, and recommendation from the Commanding Officer.

   or

   c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

6015 - Welding Supervisor

Manages the processes and procedures associated with structural welding on construction projects to include: safety aspects, quality assurance procedures, qualification of welders, and certification requirements.

Source Rating: SW	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-711-0031	CDP: 09DB, 09DC
Sequence Code: 3	ESTB Date: 4/18/2012 REV Date:	NR Ind: A
Component NEC: 6010	Related NEC:	Open to Women: Yes
Primary Advisor: CSFE (N7)	Technical Advisor: CSFE (N7A25)	ECM: BUPERS-32

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, 03BL, 224L
Sequence Code: 7	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/11/12.

UTILITIESMAN

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.

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	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-730-0041(P/L)	CDP: 466Z, 4028
Sequence Code: 3	ESTB Date: REV Date: 8/14/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. NEC code may be earned by completion of one of the following means:

   a. Completion of the formal training course.
   or
   b. Completion of individual segments of the formal training with A-720-0001, A-720-0002, A-720-0003, A-720-0011, A-720-0014, and A-730-0038, combined with on-the-job training, and recommendation from the Commanding Officer.
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of NEC code from means other than completion of formal training pipeline.

AVIATION MAINTENANCE ADMINISTRATIONMAN

6302 - F-18 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.

Source Rating: AZ	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-150-3871	CDP: 5747, 5748
Sequence Code: 4	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CNATT" refresh completed 2/28/13.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

AVIATION MACHINIST'S MATE

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, EN, GSM, MM, MMA	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-491-0017	CDP: 624R
Sequence Code: 3	ESTB Date: REV Date: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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)	CDP: 949G
Sequence Code: 5	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC: 6423	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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
Sequence Code: 5	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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:	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 (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC is awarded in accordance with COMNAVAIRFORINST 4790.2 series, Chapter 10.

6423 - T-56-425/427 Turboprop Engine IMA Mechanic

Performs first and second degree maintenance on the T-56 Turboprop quick engine change assembly in support of E2/C2 aircraft. Performs scheduled/ unscheduled maintenance and preserves and de-preserves 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	ESTB Date: REV Date: 7/31/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 6/11/15.

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
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 9/9/11.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 6/11/15.

AVIATION ELECTRONICS TECHNICIAN

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

6527 - Aviation ASW (Airborne Sonar) IMA Technician
Performs intermediate level maintenance on the AN/AQS-22 Airborne Low Frequency Sonar (ALFS) system.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: PQS	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 11/21/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code is awarded upon completion of NAVEDTRA approved PQS and command submission of BUPERS Form 1221. This PQS is only an interim training and qualification method which will provide AN/AQS-22 Airborne Low Frequency Sonar I-level skill set training until the complete, formal I-level curriculum Sonar suite comes online (estimated FY2017).

6529 - ASW Sonobuoy Receivers and Recorder Group IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-3596	CDP: 420W
Sequence Code: 5	ESTB Date: REV Date: 8/24/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Reserves must also attend courses C-102-3598 and C-102-3568

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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
Sequence Code: 5	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 6/11/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 6/11/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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: 948L
Sequence Code: 5	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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, ETR, ETV	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: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES: Upon award of this NEC code, the 1589 NEC code will be removed from individual's record.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Relate NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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-198-6110	CDP: 10HL, 10HM
Sequence Code: 3	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC: 6704 or 6723 or 6724	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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: 948P
Sequence Code: 5	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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: Mandatory	CIN: C-198-3021	CDP: 420K
Sequence Code: 4	ESTB Date: REV Date: 7/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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: 948N
Sequence Code: 5	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC: 6673	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: N
Component NEC: 6716	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Must possess a Secret clearance.
2. Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Must possess a Secret clearance.
2. Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC: 6704, 6723	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Must possess a Secret clearance.
2. Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

AVIATION ORDNANCEMAN

6801 - Air Launched Weapons Technician
Performs fleet intermediate level maintenance ashore and afloat on all air-launched weapons in accordance with the Naval Ordinance Management Policy (NOMP) and within the explosive safety rules and regulations of NAVSEA 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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

6810 - Armament Weapons Support Equipment (AWSE) Maintenance Manager
Supervises Organizational and Intermediate level maintenance on 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	ESTB Date: REV Date: 12/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

6811 - Armament Weapons Support Equipment Technician
Performs Organizational and Intermediate level maintenance on ASWE, ~ncluding 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	ESTB Date: REV Date: 12/22/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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: C-4E-0010	CDP: 992Y
Sequence Code: 2	ESTB Date: REV Date: 2/19/14	NR Ind: R
Component NEC:	Related NEC: 6801, 6802	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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

6901 - Advanced Radar Traffic 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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 8/20/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98) (N96)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind : R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

6931 - Facility Rated Terminal RADAR Approach (TRACON) Controller
Responsible for the control of Instrument Flight Rules/Visual Flight Rules aircraft departing from, arriving to, or transiting through airspace and airfields within the Terminal RADAR Approach Control Facility's area of jurisdiction.

Source Rating: AC	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC: 6901	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the TRACON rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. The component NEC requirement may be waived if certification is acquired as outlined in NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6932 - Facility Rated Carrier Air Traffic Control Center (CATCC) Controller
Responsible for providing radar and non-radar air traffic control services from all control positions within the CATCC for aircraft departing from or arriving aboard the aircraft carrier under Case I, II, and III operating conditions.

Source Rating: AC	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC: 6902	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the CATCC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6933 - Facility Rated Amphibious Air Traffic Control Center (AATCC) Controller
Responsible for providing radar and non-radar air traffic control services from all control positions within the AATCC for aircraft departing from or arriving aboard the aircraft carrier under Case I, II, and III operating conditions.

Source Rating: AC	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC: 6903	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the AATCC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6934 - Facility Rated Tactical Air Control Center (TACC) Controller
Responsible for tactical radar air traffic services for aircraft entering, exiting, or operating within the Amphibious Area of Responsibility, and assigning close air support holding points and entry/exit routes for target areas as necessary.

Source Rating: AC	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC: 6903	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the TACC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. The component NEC requirement may be waived if certification is acquired as outlined in NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6935 - Facility Rated Fleet Area Control and Surveillance Facility (FACSFAC) Controller
Responsible for air traffic control services provided to aircraft operating in or transiting to/from Special Activity Airspace in the FACSFAC's area of jurisdiction.

Source Rating: AC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the FACSFAC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6936 - Facility Rated RADAR Air Traffic Control Facility (RATCF) Controller
Responsible for the control of Instrument Flight Rules/Visual Flight Rules aircraft departing, arriving to, or transiting through airspace and airfields within the Naval Air Station's RATCF area of jurisdiction.

Source Rating: AC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the RATCF rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

6937 - Control Tower Operator
Responsible for the operation of an air traffic control tower ashore to include controlling arriving and departing Instrument Flight Rules/Visual Flight Rules aircraft and aircraft transiting through in airspace assigned to a Naval Air Station's area of jurisdiction.

Source Rating: AC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining CTO licensure as certified by a FAA CTO Examiner in accordance with FAAO 7220.1 Certification and Rating Procedures for DoD Personnel. Submission of NAVPERS 121/6 with Commanding Officer's recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

AVIATION BOATSWAIN'S MATE

7004 - C-13 Catapult Operator
Operates C-13 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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

7006 - Aircraft Launch and Recovery Equipment Maintenance Technician

Performs maintenance, both upkeep and corrective, on C-13 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 1 and MOD 2 catapults, MK-7 MOD 3 and MOD 4 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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC: 7004 or 7005	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

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	ESTB Date: REV Date: 7/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 7/13/15.

AVIATION ELECTRICIAN'S MATE

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC:	Related NEC: 7131	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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
Sequence Code: 5	ESTB Date: REV Date: 10/11/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Six months OJT required for award of this NEC code. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to PERS-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. If OJT experience supports NEC code award, submit NAVPERS 1221/6 with documentation attached to PERS-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

AVIATION MECHANIC

7212 - Stationary Hydraulics Test Stand Operator/Maintenanceman
Performs operational checks, testing/ troubleshooting and repair of hydraulic and pneumatic components using a hydraulic component 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	ESTB Date: REV Date: 12/22/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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 a hydraulic component test stand.

Source Rating: AM	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: E-602-4011	CDP: 644R
Sequence Code: 4	ESTB Date: REV Date: 12/22/14	NR Ind: R
Component NEC:	Related NEC: 7212	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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 (AM) N-701-0009 (AS)	CDP: 884X, 907S, 9119, 931F 884Z, 933E, 938J, 9120
Sequence Code: 5	ESTB Date: REV Date: 9/30/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AM/AS personnel may attend both CIN's, if required by receiving command and funding permits.
2. Course N-701-0008 or N-701-0010 is authorized as a "requalification" course only.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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: 371W
	C-690-3212	06V6, 08U7
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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
	C-690-3210	06YK, 08U9
Sequence Code: 4	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CNATT" refresh completed 2/28/13.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

AIRCREW SURVIVAL EQUIPMENTMAN

7352 - Senior Naval Parachutist
Directs most phases of parachute operations at activities that employ parachutists as part of their mission. Leads highrisk static-line parachute operations on land and at sea. Supervises drop zone activities during the conducting of jump operations.

Source Rating: PR, SO, EOD, ND, SB	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 7/23/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code is assigned to personnel in paygrades E4 and above who have been assigned to parachute jumping duty by competent orders. Must be designated as a Navy and Marine Corps Parachutist and have completed approved static-line, Military Freefall (MFF) and Static-Line Jumpmaster (SLJM) courses prescribed by competent authority, as well as the following:

a. 2 night static line jumps with combat equipment.
b. 75 MFF jumps.
c. 2 water landing jumps (1 Day/1 Night).
d. 4 MFF jumps with combat equipment requiring the use of oxygen (2 Day/2 Night).
e. Performed as SLJM for a minimum of 10 parachute operations.

2. A NAVPERS 1221/6 with supporting documentation shall be submitted to PERS-4013 by the Commanding Officer via the respective ECM for NEC code 7352 award upon member's completion and documentation of all applicable prerequisite requirements.

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: Mandatory	CIN: C-860-0011	CDP: 11MN
Sequence Code: 4	ESTB Date: REV Date: 5/12/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.
4. Last reviewed during "NAVMAC Periodicity Review" completed 5/12/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	CDP: 390P
Sequence Code: 3	ESTB Date: REV Date: 9/9/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N960	Technical Advisor: NAVMETOC	ECM: BUPERS-32

NOTES:
1. NEC may be granted to Selected Reserve personnel by COMNAVMETOCCOM, upon completion of applicable training courses as determined by COMNAVMETOCCOM.
2. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

AVIATION SUPPORT TECHNICIANS

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: C-602-7015 (P/L)	CDP: 628Y
Sequence Code: 5	ESTB Date: REV Date: 5/8/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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-602-3316	CDP: 747C, 747D
Sequence Code: 5	ESTB Date: REV Date: 10/6/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/6/11.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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)	CDP: 553K, 568T
Sequence Code: 5	ESTB Date: REV Date: 8/21/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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: C-602-7080	CDP: 553M, 568V
Sequence Code: 5	ESTB Date: REV Date: 8/21/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

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-602-3307	CDP: 583A
Sequence Code: 5	ESTB Date: REV Date: 10/11/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/11/12.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

AVIATION WARFARE SYSTEMS OPERATOR

APPLIES TO ALL AVIATION WARFARE SYSTEMS OPERATOR NEC CODES:

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.

7805 - MH-60S Multi-Mission Helicopter Aircrewman

Performs in-flight duties as MH-60S Aircrewman.

Source Rating: AWR, 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	ESTB Date: REV Date: 7/12/12	NR Ind: A
Component NEC: 7815	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 7/12/12	NR Ind: A
Component NEC: 7815	Related NEC: 7876	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code is awarded through cadre (Factory) training pending implementation of formal training.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR, SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR, NAVSEA 05 SPAWAR	ECM: BUPERS-32

NOTES:
1. SELRES and FTS personnel may earn NEC by attending either TSC/MOCC Watch Officer R-2G-6003 or TSC Watch Officer J-2G-0367.
2. Last reviewed during "AW HPRR" completed 11/18/10.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

7842 - P8-A Acoustic Systems Specialist Aircrewman

Detects, analyzes, classifies, and tracks surface and subsurface contacts utilizing state-of-the-art technology. Specifically, will operate an advanced sonar system utilizing sonobouys, and advance Electro-Optical and Infrared systems. Performs aircrew duties to support mission planning, classified material handling, and training that contributes directly to a squadron's ability to conduct tactical operations worldwide. Other duties specific to this rate include handling ordnance, and inspection of acoustic station mission equipment.

Source Rating: AWO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-1225 (P/L) D-050-1226 (P/L) D-050-1232 (P/L)	CDP: 05MT 05MU 08XZ
Sequence Code: 4	ESTB Date: 10/27/11 REV Date: 5/12/15	NR Ind: N
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. NEC code may be awarded via Factory/CADRE training.

7846 - 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: AW, 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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel with NEC 7835 may earn NEC 7846 by attending course J-210-0392
2. Last reviewed during "STG HPRR" completed 8/19/13.

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: D-050-1132 (P/L)	CDP: 298K
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

7862 - P8-A Electronic Warfare Operator Aircrewman

Detects, analyzes, classifies, and tracks surface and subsurface contacts utilizing state-of-the-art technology. Operates RADAR, Electronic Support Measures, Identification Friend or Foe Interrogator, and Advanced Electro-Optics and Infrared Sensors. Performs aircrew duties to support mission planning, classified material handling, and training that contributes directly to a squadron's ability to conduct tactical operations worldwide. Handles ordnance and inspects electronic warfare station equipment.

Source Rating: AWO	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-1227 (P/L)	CDP: 05MW
	D-050-1228 (P/L)	05MV
	D-050-1229 (P/L)	08XS
Sequence Code: 4	ESTB Date: 10/27/11 REV Date: 5/12/15	NR Ind: N
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. NEC code may be awarded via Factory/CADRE training.

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: D-050-2502 (P/L)	CDP: 6886
	E-050-2502 (P/L)	908Q
	D-050-2510	258E
	D-050-3103	778R
	E-050-3103	4823
Sequence Code: 4	ESTB Date: REV Date: 7/12/12	NR Ind: R
Component NEC: 7815	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

7875 - MH-60R Multi Mission Helicopter Aircrewman

Performs RADAR/ESM/IFF/FLIR operations, Sonar/Sonobouy interpretation, tactics employment for varied tactical missions, SAR operations, and cargo transfer in the MH-60R aircraft.

Source Rating: AWR	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: D/E-050-3200	CDP: 05UK, 05US/785J, 989C
	D/E-050-3200 (P/L)	05UK, 05US/785J, 989C
	D/E-050-3202	05UL, 05UT/989B, 989D
	D/E-050-3202(P/L)	05UL, 05UT/989B, 989D
	D/E-050-3205	07FT/07FU
	D/E-050-3206(P/L)	07G8/05XM
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: R
Component NEC: 7815	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC may be awarded through cadre training pending implementation of formal training.
2. Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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	ESTB Date: REV Date: 7/12/12	NR Ind: R
Component NEC: 7815	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

LOGISTICS SPECIALIST

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	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-N321D5

NOTES:
1. This NEC code is no longer awardable. However, legacy NALCOMIS still being utilized; individuals who previously earned this NEC will retain for personnel management.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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: 9/9/15	NR Ind: R
Component NEC:	Related NEC: 8012	Open to Women: Yes
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:
1. This NEC code is no longer awardable. However, legacy NALCOMIS still being utilized, individuals who previously earned this NEC will retain for personnel management. All billets assigned NEC code 8013 are recoded to 8015.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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
Sequence Code: 3	ESTB Date: REV Date: 3/19/2012	NR Ind: A
Component NEC:	Related NEC: 8012	Open to Women: Yes
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: PERS BUPERS-32

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: 765Y
Sequence Code: 3	ESTB Date: REV Date: 3/19/12	NR Ind: A
Component NEC:	Related NEC: 8013	Open to Women: Yes
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

MASS COMMUNICATION

8142 - Broadcast Reporter
Serves as broadcast reporter applying intermediate-level visual and audlo communication to support the mission of newsgathering. Skills include: advanced lighting, editing, and storytelling techniques emphasizlng uncontrolled action, subject-in-action sound bites, packaging, shot selectlon and v sualizatlon, natural and prompted audlo collection, and effective scripting.

Source Rating: MC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-570-0005	CDP: 4056
Sequence Code: 5	ESTB Date: 11/24/14 REV Date:	NR Ind: A
Component NEC:	Related NEC: 8143, 8150	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

8143 - Multimedia Cameraman

Performs all duties as a crewmember for controlled and uncontrolled multimedia productions, including director on a small production crew, employing intermediate narrative and non-narrative storytelling and production techniques, with emphasis on non-linear editing techniques. Proficient in all aspects of multimedia production, including pre and post production tasks.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-570-0050	CDP: 03NS
Sequence Code: 5	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTE: Last reviewed during "MC HPRR" completed 8/5/14.

8144 - Multimedia Director/Producer

Master-level multimedia journalist that plans coordinates and supervises the coverage of events, exercises and operations to meet public affairs and commander communication objectives. Serves as multimedia communications subject matter expert and directs crewmembers shooting controlled and uncontrolled motion media productions. Performs duties as on-scene crew chief. Senior editor for multimedia post-production. Determines equipment and material requirements for each multimedia 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 capture during recording, supervises preparation of set, and approves set design and props to be used. Trains personnel in broadcast journalism and advanced multimedia techniques.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-400-2014	CDP: 4414
Sequence Code: 2	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC: 8143	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTE: Last reviewed during "MC HPRR" completed 8/5/14.

8145 - Content Manager

Serves as an editor/ content manager of all communication products, applying the latest techniques and theory from military and civilian experts in layout and design, journalism, imagery, graphics, and Internet-based capabilities. Determines and refines content, designs attractive and functional products, coaches writers and photographers, makes ethical decisions, and manages staff.

Source Rating: MC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-570-0013	CDP: 961U
Sequence Code: 3	ESTB Date: 11/24/14 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

8147 - Photojournalist Journeyman

Journeyman-level visual journalist that 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 to include limited motion media capture and editing skills. Communicates with audiences through pictures and words. Produces news pictures, feature pictures, picture stories and multimedia packages that lend balance and impact to visual media communications. Supports the efforts of ashore/afloat activity newspapers, Internet properties and the associated public affairs efforts.

Source Rating: MC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-570-0017	CDP: 961V
Sequence Code: 5	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTE: Last reviewed during "MC HPRR" completed 8/5/14.

8148 - Master Photojournalist

Master-level multimedia photojournalist that covers and photographs events of news/documentary interests as well as plans, coordinates and supervises the coverage of events, exercises and operations to meet public affairs and commander communication objectives. Serves as visual communications subject matter expert and editor to select and prepare imagery to support internal and external news media requirements. Uses still and video imagery, combined with audio recordings, text and graphics to create master-level multimedia products that present compelling stories of military operations and personnel with strong visual impact and that can be used in multiple formats across a wide range of communication spaces. Writes edits and approves captions and text for feature and news stories. Maintains liaison with photo-news media. Trains personnel in photojournalism and advanced multimedia techniques.

Source Rating: MC	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-400-2013	CDP: 4464
Sequence Code: 2	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTES:

1. Waiver of course completion requirement will be considered upon completion of the following requirements:

   a. Submit portfolio as outlined in CANTRAC under course Photographic Journalism Class C1 (S-400-2013).
   b. 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.
   c. Verification in writing of two years current full-time civilian employment requiring use of the skills noted in subparagraph (2) above.
   d. Completion of 2-week ACDUTRA (TBD by CHINFO) where writing and photography will be evaluated via daily assignments.
   e. Submission of a performance evaluation by the ACDUTRA reporting senior.
   f. 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.
2. Last reviewed during “MC HPRR” completed 8/5/14.

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,11BX
Sequence Code: 6	ESTB Date: REV Date: 8/5/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	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 code 3221 are eligible to be awarded NEC code 8150.
3. Must be eligible to hold a SECRET security clearance.
4. Last reviewed during “MC HPRR” completed 8/5/14.

8151 - Graphic Illustrator Journeyman

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. 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-400-2040	CDP: 324S
Sequence Code: 5	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Waiver of course completion will be considered when specialized university training in graphic arts has been completed. Submit transcript from an accredited university or professional civilian visual arts school to certify completion of a minimum of 15 semester hours or equivalent quarter hours of a graphic arts curriculum with mandatory courses in image acquisition and editing, graphic design, archiving, digital workflow, ethics in journalism, and production of presentations. Include copies of course descriptions from university or civilian trade 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 (N09C2).
3. Last reviewed during “MC HPRR” completed 8/5/14.

8152 - Public Affairs Officer (Enlisted)

Performs management-level advanced technical and operational 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 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 Mass Communication Supervisors, Print Journalists, Photographers, Public Affairs Specialists, Broadcasters and Graphic Artists in the production of Navy and command publications.

Source Rating: MC	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-570-0042	CDP: 05SV
Sequence Code: 3	ESTB Date: REV Date: 8/5/14	NR Ind: A
Component NEC:	Related NEC: 8153	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during “MC HPRR” completed 8/5/14.

8153 - Public Affairs Supervisor

Manages operational unit or forward-deployed public affairs program and teams. Serves either as command public affairs representative or special assistant at journeyman level. Understands concepts and development of communication, including external information and internal information plans, executing them at the tactical level. Compiles information for press releases, answers media and public questions, and serves as command spokesperson. Oversees management of Mass Communication Specialists, Print Journalists, Photographers, Public Affairs Specialists, Broadcasters and Graphic Artists 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-570-0040 or S-750-0021	CDP: 02FU or 03T9
Sequence Code: 3	ESTB Date: REV Date: 8/5/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during “MC HPRR” completed 8/5/14.

8154 - Senior Enlisted Public Affairs Advisor

Provides communication counseling and strategic planning to senior Public Affairs Officers and their principals. Coordinates interaction among Department of Defense Public Affairs, State Department Public Affairs, Embassy Public Affairs, other Governmental Agencies, Inter-Governmental Organizations, and Non-Governmental Organizations in meeting national security objectives.

Source Rating: MC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-750-0020	CDP: 03T8
Sequence Code: 2	ESTB Date: 11/24/14 REV Date:	NR Ind: A
Component NEC: 8152	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

8193 - Graphic Illustrator Apprentice

Demonstrates skills in the principles of creating and integrating text, graphics, sound, animation and full-motion video into multimedia and web-based packages. Understands the fundamentals of color theory, realistic drawing, color media, lettering, printing reproduction, elements of graphic design; image editing; desktop publishing; the operation of computer systems, input and output devices to acquire, design, manage, disseminate and archive digital imaging, graphic design and multimedia files; and implementation of color management. Creates, imports, edits and disseminates art work files, with captions, Visual Information Record Identification Numbers (VIRIN) and other pertinent metadata used in the archiving of data/image files. Demonstrates working knowledge of computer management, computer hardware and software, system 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, IT	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: S-414-0001	CDP: 628F
Sequence Code: 6	ESTB Date: REV Date: 8/5/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N09C	Technical Advisor: NAVMEDIACEN	ECM: BUPERS-32

NOTES:

1. 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).
2. Must be eligible to hold a SECRET security clearance.
3. Last reviewed during “MC HPRR” completed 8/5/14.

NAVAL AIRCREWMAN

8201 - 8289 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.

8201 - Naval Aircrewman Candidate
Performs assignments in training, for flight crewman.

Source Rating: ALL	Billet Paygrades:	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 (N98)	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.

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	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
5. Last reviewed during “AW HPRR” completed 11/18/10.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code is for Selected Reserve (SELRES) personnel only.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code is for Selected Reserve (SELRES) personnel only.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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: Commercial	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC: 8201	Related NEC: 8250	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. FTS/SELRES only. Earned through commercially procured training course provided by Reserve VR Wing.
2: All Crew Chiefs attempting to attain this NEC code are required to attend mandatory commercial training course C-40 Ground School and Simulator Instruction Course from American Airlines prior to qualification.

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: Mandatory	CIN: S-050-0836	CDP: 751U
Sequence Code: 4	ESTB Date: REV Date: 7/11/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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/VPU" candidates for the Reconnaissance Tactics Instructor Course (RTIC) must be ACTC Level IV; graduates will be identified as WTI/ACTC Level 500 instructors.
5. "VQ(T)" candidates for the Mercury Tactics Instructor Course (MTIC) must be ACTC Level 400; graduates will be identified as WTI/ACTC Level 500 instructors. SMAI and HAGI are not required for VQ(T) ACTC 500 Aircrewmen.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC: 8201	Related NEC: 8278	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/26/15.

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 (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI security clearance and be PRP eligible.

8229 - E-6B Airborne Communications Technician

Performs duties as an E-6B Airborne Communications Technician. Performs scheduled and unscheduled upkeep on mission and avionics systems while in the airborne environment and while independently deployed. Also performs duties as a Communications Systems Operator; additionally, operates, maintains, and manages aircraft computer networking systems while airborne and/or independently deployed. Is knowledgeable in voice and data communications, messaging format, CMS materials, aircraft maintenance procedures, emergency procedures, and E-6B mission/avionics systems.

Source Rating: AWV	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: E-050-0414 (P/L)	CDP: 336P
Sequence Code: 4	ESTB Date: REV Date: 6/26/14	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI security clearance and be PRP eligible.

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 (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI security clearance and be PRP eligible.

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 (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "AW HPRR" completed 11/18/10

8250 - C-9 Crew Chief

Performs in-flight duties as a C-9 Crew Chief. Knowledgeable of all aircraft systems, emergency procedures and flight equipment.

Source Rating: AWF	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Commercial	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. FTS/SELRES only. C-9 Ground School and Simulator Instruction Course from Flight Safety International. Earned through commercially procured training.
2: All Crew Chiefs attempting to attain this NEC code are required to attend mandatory commercial training course C-9 Ground School and Simulator Instruction Course from Flight Safety International prior to qualification.

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	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "AW HPRR" completed 11/18/10.

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 R-050-8223	CDP: 04HN 03WZ
Sequence Code: 3	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC: 8201	Related NEC: 8206	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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	ESTB Date: REV Date:	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: C-37 NEC earned through commercially procured training.

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	ESTB Date: REV Date: 11/4/13	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	CDP: 595G 595H
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/11/12.

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	ESTB Date: REV Date: 8/26/15	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

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	ESTB Date: REV Date: 8/26/15	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

8289 - Change to Second Loadmaster

Performs in-flight duties as a loadmaster assistant for the C-9, C-20D, C-37, and C-40 aircraft. Performs maintenance, rigging, and in-flight functions of internal aircraft cargo handling. Personnel are knowledgeable of aircraft systems, passenger handling, 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: JQR, OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. Personnel in the CS rating attaining the 8289 NEC code will only be detailed to corresponding billets for the C-20D and C37 aircraft.
2. NEC code awarded after the completion of required JQR/OJT and reciveing NATOPS evaluation for the position of Second Loadmaster.

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	ESTB Date: REV Date: 12/4/14	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N98)	Technical Advisor: NAVAIR, SECGRU	ECM: BUPERS-32

NOTES:
1. Personnel must complete Survival Evasion Resistance and Escape (SERE) training (A-2D-4635, CDPs 06T8 and 07VH). NAWSTP and NAPTP must be current.
2. Last reviewed during "NAVMAC Periodicity Review" completed 12/4/14.

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: C-050-3021 (P/L)	CDP: 2125
	C-050-3023 (P/L)	2124
	C-050-3010	2097
Sequence Code: 4	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC: 8201	Related NEC: 8295	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N98)	Technical Advisor: NAVAIR, NAVCYBERFOR (N7/N1)	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: AD, AE, AF, AM, AO, AS, AT, AV, AW, AWF, AZ, PR	Billet Paygrades: E9-E9	Personnel Paygrades: E8-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2	ESTB Date: 4/1/1984 REV Date: 5/3/2013	NR Ind: A
Component NEC: 8800	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. The AW and AWF "Source Rating" is limited to the Full Time Support (FTS) community members who have previously earned the Navy Enlisted Classification (NEC) code prior to 1 October 2008 ONLY. This NEC code is not authorized for NEW assignment to AW and AWF members who did not previously earn the NEC code prior to 1 October 2008.
2. Due to the unique nature of the AW/AWF FTS community, personnel who earned the Navy Enlisted Classification (NEC) codes 8300 or 8800 prior to the fixed wing AW rating merger may reapply for reinstatement of their previously awarded 8300 or 8800. Member must provide documentation and Navy Personnel (NAVPERS) 1221/6 to Personnel (PERS)-4013D2 via Bureau of Personnel (BUPERS)-32 (Aviation Enlisted Community Manager (ECM) showing NEC code was previously awarded or member completed all prerequisites prior to 1 October 2008. All AW/AWF FTS personnel who previously held the 8800 and request reinstatement, will also be eligible to request the 8300, provided all requirements listed below are met.
3. For all other listed "Source Ratings" to be awarded this NEC code, personnel must be a Senior Chief or Master Chief who has held one or more of the following billets while E-8 or E-9 level; and must have served in the billet for at least 12 months: Maintenance Control Supervisor, Production Control Supervisor, Quality Assurance (QA) 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 (ECM).

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 - MH-53E Systems Organizational Maintenance Technlcian
Performs organizational level maintenance on the 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	ESTB Date: REV Date: 8/21/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/21/15.

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 (AD)
	C-602-9478 (AM)	483J (AM)
	C-602-9742 (AME)	480Y (AME)
Sequence Code: 4	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC: 8805	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
6. Last reviewed during "CNATT" refresh completed 2/28/13.

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)	CDP: 325T (AT)
	C-602-9480 (P/L) (AE)	3260 (AE)
	C-601-9135 (P/L) (AD)	325V (AD)
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC: 8806	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
4. Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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)	CDP: 555B (AE)
	C-102-2321 (P/L) (AT)	555A (AT)
Sequence Code: 4	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Resources are established at Scott Air Force Base for FTS/SELRES only.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8311 - MQ-4C Unmanned Aircraft System (UAS) Organizational Maintenance Technician
Performs Organizational Maintenance on the MQ-4C Aircraft systems: Airframe/Hydraulics, Avionics, Electrical, Environmental Control, and Power Plants. (AT only) Also performs Organizational Maintenance on the Forward Operating Base (FOB) Mission Control Station avionics.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-0041 (AD)	CDP: 11R8
	C-602-0063 (AE)	11R2
	C-603-0010 (AM)	11R9
	C-102-0140 (AT)	11R5
Sequence Code: 4	ESTB Date: 9/28/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Secret security clearance required.

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: 490X, 750H
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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-603-5006	CDP: 05UB
	R-600-5000	670Y
	R-603-5007	07JC, 07ZW
Sequence Code: 4	ESTB Date: 2/25/10 REV Date: 6/29/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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-602-2010	7622
Sequence Code: 4	ESTB Date: REV Date: 10/6/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/6/11.

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-102-4516	CDP: 332V
Sequence Code: 3	ESTB Date: REV Date: 10/6/11	NR Ind: A
Component NEC: 8809	Related NEC:	Open to women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/6/11.

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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-3492	CDP: 877S
Sequence Code: 4	ESTB Date: REV Date: 6/21/11	NR Ind: A
Component NEC: 8816	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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
	R-600-3519	06P6
	R-600-3520	06P9
Sequence Code: 4	ESTB Date: REV Date: 10/6/11	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code 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).
2. Last reviewed during "CIN/CDP" refresh completed 10/6/11.

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-603-9532 (AME)	459L, 485Y
	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	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC: 8819	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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
3. Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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: Mandatory	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(N98)	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, AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
AME, AO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-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: 9/6/11	NR Ind: A
Component NEC: 8830	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
3. NEC code may be awarded through factory/CADRE training.

8332 - EA-6B Systems Organizational Career Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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	ESTB Date: REV Date: 8/20/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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)
	C-102-9978 (AT)	2758, 4019 (AT)
Sequence Code: 4	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC: 8841	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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)
Sequence Code: 4	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC: 8842	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CNATT" refresh completed 2/28/13.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC: 8843	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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 code 8343 are authorized to retain this NEC code. No new awards of this NEC code will be made to E-3 and below personnel.
3. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8348 - F-35C Aircraft Systems Organizational Maintenance Technician

Performs organizational maintenance on F-35C Aircraft systems: Power Plants, Electrical, Airframes/Hydraulics, Environmental Control, Ordnance, Avionics, and Survival Equipment.

Source Rating: AD, AE, AM, AME, AO, AT, PR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-0050 (AD)	CDP: 07FK (AD)
	C-602-0041 (AE)	07FM (AE)
	C-603-0007 (AM)	07FP (AM)
	C-602-0042 (AME)	07FN (AME)
	C-646-0007 (AO)	07FR (AO)
	C-102-0430 (AT)	07FJ (AT)
	C-602-0040 (PR)	07FL (PR)
	ESTB Date: 10/22/12 REV Date: 2/19/14	NR Ind: A
Sequence Code: 4	Related NEC:	Open to Women: Yes
Component NEC:	Technical Advisor: NAVAIR	ECM: BUPERS-32
Primary Advisor: OPNAV (N98)		

NOTES:

1. AT requires Top Secret/Sensitive Compartmented Information (TS/SCI), Special Access Required (SAR) security clearance; AM and AO require Secret/SAR security clearance; there are no security clearance requirements for AD, AE, AME, and PR.

2: Member may be awarded NEC code through initial contractor facilitated training and successful completion of unit-level training syllabus via NEC change request from either the F-35C Fleet Readiness Squadron or Commander Strike Fighter Wing Pacific Maintenance Officer.

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	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “AW HPRR” completed 11/18/10.

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	ESTB Date: REV Date: 8/20/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 8/20/15.

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	ESTB Date: REV Date: 8/20/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8364 - Unmanned Aerial Vehicle (UAV) Payload Operator
Operates the EO/IR UAV sensor during all phases of flight.

Source Rating: AE, AM, AS, AT, AWO, AWR, AWV, AZ, IS	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 9/20/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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
Course: Mandatory	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: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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 code may be awarded through cadre training pending establishment of formal training.
3. Waiver required for E3-E4 paygrades.
4. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8367 - MQ-8B/C Mission Payload Operator (MPO)
Operates MQ-8B/C mission payload during flight.

Source Rating: AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date: 12/17/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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/C Air Vehicle Operator (AVO)
Develops and inputs Air Vehicle flight plan. Directs, monitors, and provides input changes to Air Vehicle in-flight.

Source Rating: AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date: 12/17/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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	ESTB Date: REV Date: 8/9/11	NR Ind: A
Component NEC:	Related NEC: 8391	Open to Women: Yes
Primary Advisor: OPNAV(N95)/(N98)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC may be awarded through cadre training pending establishment of formal training.
2. Last reviewed during "MN HPRR" completed 8/9/11.

8376 - SH-60 (LAMPS MK III) Systems Organizational Career Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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: E5-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)	CDP: 447F, 447G (AT)
	C-601-9407 (P/L) (AD)	447L, 447M, 967Z (AD)
	C-602-9407 (P/L) (AE)	447N, 447P (AE)
	C-603-9407 (P/L) (AM)	447R, 447S, 968A (AM)
	C-646-0840 (P/L) (AO)	555W, 568X (AO)
Sequence Code: 4	ESTB Date: REV Date: 5/16/11	NR Ind: A
Component NEC: 8878	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	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 - NEC Code Disestablished (Recode Billets & Personnel to 0000)

8380 - UH-1N Systems Organizational Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 0000)

8385 - MH60R/S Electrical Systems Organizational Career Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Source 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(N98)	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: Mandatory	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 (N98)	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: Mandatory	CIN: C-102-2222 (AT) (Pending Activation) C-646-9400 (P/L) (AO)	CDP: 5587, 750M (AT)(Pending Activation) 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 (N98)	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) AE C-602-9947 (P/L) AT C-102-9728 (P/L)	CDP: 459R 459G 458Y
Sequence Code: 4	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/20/15.

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 R-602-2010	CDP: 04VL 7622
Sequence Code: 4	ESTB Date: REV Date: 10/6/11	NR Ind: A
Component NEC:	Related NEC: 8314	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/6/11.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC: 8841 or 8341	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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 code (8341 or 8841) upon being awarded NEC code 8394.
3. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8395 - EA-6B Electronic Counter Measures (ECM) System Organizational Career Maintenance Technician
- Recode billets at VX-9 (UIC 55646) to 8394.
- Recode remaining billets and personnel to 0000.

HOSPITAL CORPSMAN

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-E6	Personnel Paygrades: E3-E6
Course:	CIN: B-300-0075	CDP: 4752
	B-305-1000	0345
	B-300-0017	3301
Sequence Code: 4	ESTB Date: REV Date: 11/26/12	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC, 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 must hold 8406 NEC code prior to attaining 8401. Member will retain the 8401 NEC until paygrade E7. Upon reaching paygrade E7, the 8401 will be removed and the member's following PCS assignment will be as an 8406 or 8409 unless they have qualified for another advanced closed loop NEC, i.e. 8425 or 8402.

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 health education to medical and nonmedical personnel. Performs all patient care and medical management functions set forth in Chapter 9, Manual of Medical Department (P-117). Serves as the Radiation Health Officer (RHO) aboard submarines and is 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 providers at fixed medical treatment facilities (MTFs).

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-0001	CDP: 845E
	B-300-0005	475W
Sequence Code: 3	ESTB Date: REV Date: 3/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	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 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).

8403 - Fleet Marine Force Reconnaissance Independent Duty Corpsman

Provides medical and operational services for Fleet Marine Forces, Special Operations Forces and Special Operations Command personnel engaged in direct action, special reconnaissance foreign internal defense, irregular and unconventional warfare independently of a medical officer. Performs clinical diagnostics, advanced paramedical skills, Advanced Cardiac Life Support (ALCS), basic surgical anesthesia, basic dental exams, and other routine and emergency medical health care procedures as required. Performs associated operational administrative and logistical duties. Supervises and manages field medical activities in a conventional or unconventional warfare environment. Orders, stores, catalogs, safeguards and distributes medical supplies, equipment, and pharmaceutical supplies. Supervises clinical and field long term care and treatment during peacetime, CONUS and OCONUS split detachment operations. Advises and provides tactical and technical guidance to the Detachment Commander, indigenous and allied personnel. Responsible for the planning, execution and supervision of cross training of detachment members in medical skills. Required to maintain skills and certifications in Advanced Tactical Casualty Care with a greater than 96 hour patient sustainability without evacuation or augmentation. In unconventional warfare environment, instructs medical personnel, manages guerilla hospitals and field evacuation nets; coordinates the operation, interaction and activities of medical facilities within an area of operation; manages battalion size troop medical clinic and its administrative and logistical support. Establishes a base stock of medical supplies and equipment, internal or external procurement, storage, security and distribution of those items. Coordinates veterinary training and support for area requiring animal transportation or use. When directed, conducts operational and intelligence planning, preparation and execution of detachment missions. Maintains Special Operation Forces Advanced Tactical Practitioner (ATP) requirements to include Tactical Combat Casualty Care (TCCC), USSOCOM Tactical Trauma Protocols, Basic Life Support (BLS), Prehospital Professionals (PEPP), Advanced Cardiac Life Support (ALCS), and Tactical Medical Emergencies Protocols (TMEPS). Provides health care as a non-physician health care provider when assigned to fixed medical treatment facilities.

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-2403	CDP: 0501
Sequence Code: 3	ESTB Date: REV Date: 2/20/13	NR Ind: R
Component NEC: 8427	Related NEC:	Open to Women: No
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	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 code 8403.
2. Must continuously maintain Independent Duty Corpsman certifications to retain NEC code. Recommendations for removal of NEC code 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).
3. Must recertify every 24 months at Special Operations Combat Medical Skills Sustainment Course (SOCMSSC) to maintain Advance Tactical Practitioner Certification.
4. Must continuously maintain dive/airborne qualifications to retain this NEC code.

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	CDP: 3387, 3388
	B-300-0213	02FJ, 02FL
	B-300-0113	02FG, 02FH
Sequence Code: 7	ESTB Date: REV Date: 11/26/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

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: E1-E7
Course: Mandatory	CIN: B-300-0017	CDP: 3301
Sequence Code: 3	ESTB Date: REV Date: 5/11/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

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	ESTB Date: REV Date: 10/22/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8408 - Cardiovascular Technician

Assists in the performance of all diagnostic and interventional cardiac procedures to include cardiac and peripheral angiography, angioplasty and stenting, as well as echocardiography, and pacemaker technology. Sets and maintains the sterile field and cares for all sterile instruments. Possesses knowledge of radiation safety and use of fluoroscopy.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-300-0018	CDP: 3380
	B-300-0218	07S1
Sequence Code: 4	ESTB Date: REV Date: 10/22/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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: E4-E7
Course: Mandatory	CIN: B-305-0011	CDP: 02C6
Sequence Code: 4	ESTB Date: REV Date: 1/21/14	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMETC	ECM: BUPERS-32

NOTES:
1. Member must be qualified as a 2nd class swimmer.
2. Member must be qualified as a High Risk Instructor, and be cleared in the low pressure chamber operations per MANMED instruction.

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 medical 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: E1-E8
Course: Mandatory	CIN: B-326-1000	CDP: 06XY
Sequence Code: 1	ESTB Date: REV Date: 12/3/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8416 - Nuclear Medicine Technologist

Operates and maintains Gamma camera imaging equipment, devices and probes. Administers radiographarmaceuticals via injection, inhalation, and orally to create images of organs and organ systems, to study body functions and flow, analyze biological specimens, and treat disease. Performs diagnostic imaging and radiopharmaceuticals administration through the safe and effective dosing and dosages of radioactive material and assists the medical officer in preparing and conducting various radioactive therapies.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-0016 B-311-0115	CDP: 08WI 09AY, 468F, 468E
Sequence Code: 4	ESTB Date: REV Date: 6/24/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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: 05E6
Sequence Code: 3	ESTB Date: REV Date: 9/9/11	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NAVMED MPT&E	ECM: BUPERS-32

NOTES:
1. 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).
2. Last reviewed during "CIN/CDP" refresh completed 9/9/11.

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	ESTB Date: REV Date: 11/26/12	NR Ind: R
Component NEC: 8404	Related NEC:	Open to Women: No
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	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 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.

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: 07LE
Sequence Code: 4	ESTB Date: REV Date: 10/22/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8434 - Hemodialysis Technician

Performs independently the standard principles and procedures of hemodialysis and peritoneal dialysis, including assisting with the invasive renal, vascular and peritoneal procedures and maintenance of access devices.

Source Rating: HM	Billet Paygrades: E3-E5	Personnel Paygrades: E1-E5
Course: Mandatory	CIN: B-311-0123	CDP: 09B5
Sequence Code: 4	ESTB Date: REV Date: 10/22/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8437 - Opthalmic Surgical Technician

Performs preoperative preparation of the ocular patient. Assists, scrubs, or circulates in the operating room as directed by the ophthalmic surgeon. Identifies, selects and maintains delicate surgical instruments. Sterilizes and sets up instruments for ophthalmic surgical procedures. Assists ophthalmologists in the treatment and care of patients with ocular diseases/disorders and performs a variety of diagnostic tests using specialized equipment.

Source Rating: HM	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: 5/9/11 REV Date: 10/22/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-327

NOTES:

1. New Assignments: Individual must complete the prescribed On-the-Job-Training (OJT) program and submit a Command endorsed NAVPERS 1221/6 to PERS-4013C.

   or

   Grandfather Assignments: Individuals who have completed CIN: B-300-0021 and were previously awarded NEC code 8445 will be awarded this NEC code by submitting a Command endorsed NAVPERS 1221/6 to PERS-4013C.

2. Only individuals holding NEC code 8483 are eligible for this NEC code.

8447 - Ultrasound Technologist

Operates medical radiology equipment in performance of all ultrasound examinations. Produces high quality ultrasound diagnostic images in a timely manner while providing excellent patient care for appropriate study and diagnosis.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: 8/12/14 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED (M005C)	Technical Advisor: NMETC	ECM: BUPERS-32

NOTE: NEC code 8447 Ultrasound Technologist may be awarded to Advanced X-ray Technicians (8452) who have successfully completed a BUMED-recognized training program and is currently certified by the American Registry of Radiologic Technologists. Applicants must submit a Command endorsed NAVPERS 1221/6 to PERS-325, Enlisted Community Managers for review and approval.

8450 - Mammography Technologist

Operates medical radiology equipment in performance of all mammographic examinations. Produces high quality mammographic diagnostic images in a timely manner while providing excellent patient care for appropriate study and diagnosis.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course:Commercial	CIN:	CDP:
Sequence Code: 5	ESTB Date: 7/17/14 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor:NMETC	ECM: BUPERS-32

NOTES:

1. Mammography Technologists maintain certification through the American Registry of Radiologic Technologists (ARRT) and the Food and Drug Administration. NEC may be assigned to Advanced X-ray Technicians (8452) who have successfully completed a BUMED recognized mammography course and are mammography certified by the American Registry of Radiologic Technologists and the Food and Drug Administration. Applicants must submit a Command endorsed NAVPERS 1221/6 to PERS-325, Enlisted Community Managers (ECM) for review and approval.
2. Only individuals holding NEC code 8452 are eligible for this NEC code.

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-313-0226 B-313-0126	CDP: 07LN, 07LT,07LU 06Z8
Sequence Code: 3	ESTB Date: REV Date: 11/26/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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: 07LB
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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, and 2) is an EEG technologist with documented current clinical competency.

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	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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 and ambulation skills. Teaches the use of ambulation aids and applies physical modalities of whirlpool, paraffin bath, ultrasound, diathermy, infrared, hot and cold therapy, and electrical stimulation.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: B-303-0150	CDP: 07GU
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: B-303-0152	CDP: 07GV
Sequence Code: 3	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC: 8466	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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: 07LF
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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 for 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	CDP: 09B2
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

8485 - Behavioral Health Technician

Provides behavioral and mental health care for service members and their families. Assists psychiatrists and psychologists by performing assessments, crisis triage and management, co-facilitation of therapy groups, short-term counseling, training and education classes and psychological testing. Provides intervention for persons affected by psychological trauma, mental illness and crisis. Completes observations and documentation in the care and treatment of patients in the inpatient and outpatient hospital settings and field environments. Has knowledge of operational stress control and mitigation methods and assessment of traumatic brain injury.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-302-0046	CDP: 07LK
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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: 07LJ
Sequence Code: 4	ESTB Date: 1/1/1970 REV Date: 5/22/2013	NR Ind: R
Component NEC: 8483	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8489 - Orthopedic Technician

Assists medical officer in application, removal and maintenance of all forms of casts and traction. Assists in minor operative procedures such as arthrocentesis, suture removal, dressing change, and insertion and removal of skeletal traction devices. Maintain 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	ESTB Date: REV Date: 7/27/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M00C5	Technical Advisor: NMPDC	ECM: BUPERS-32

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	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C, OPNAV(N97)	Technical Advisor: NMPDC, NAVSEA 05H (HSI), NAVSEA 00C (SUPSALV)	ECM: BUPERS-32

NOTE: Technical Advisor for Navy Diving will certify that all 8493 obtain required training to maintain required diving qualifications necessary to perform their duties. Minimum diving qualifications to maintain NEC 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.

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, 05E9 3365
Sequence Code: 3	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC: 8493	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTES:

1. 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).
2. Must continuously maintain Dive qualifications to retain NEC.

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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTES:
1. Satisfactory completion at a school of Mortuary Science 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.

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: 07LH
Sequence Code: 3	ESTB Date: REV Date: 2/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8506 - Medical Laboratory Technician

Performs and supervises the performance of manual and automated advanced laboratory procedures for clinical bacteriology, mycology, serology, immunohematology, hematology, parasitology, chemistry, toxicology and urinalysis. Independently operates, maintains, and validates laboratory equipment and results involved in patient care.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-1018 B-311-2018	CDP: 3309 07M0, 07M1, 07M2
Sequence Code: 3	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC: 8503	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

8541 - Respiratory Therapist

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-300-0423	CDP: 07GW
Sequence Code: 4	ESTB Date: REV Date: 7/30/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M00C5	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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: 05JR
	B-300-3301	02WD
	B-300-3310	06VP
Sequence Code: 1	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

8702 - Advanced Dental Assistant

Performs 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, dental caries prevention, treatment and instruction, advanced patient management and administrative skills.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-330-1011	CDP: 03BZ
Sequence Code: 1	ESTB Date: REV Date: 11/26/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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: 06XV
Sequence Code: 4	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

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: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-331-0017	CDP: 07LG
Sequence Code: 3	ESTB Date: REV Date: 8/12/14	NR Ind: R
Component NEC: 8752	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

NOTE: NEC code 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.

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	ESTB Date: REV Date: 11/6/12	NR Ind: R
Component NEC: 8753	Related NEC:	Open to Women: Yes
Primary Advisor: BUMED M005C	Technical Advisor: NMPDC	ECM: BUPERS-32

AVIATION INITIAL

Selected Reserve (SELRES) personnel may earn these NEC codes 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: AD, AE, AF, AM, AME, AO, AS, AT, AV, AW, AWF, AZ, PR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: C-600-3210	CDP: 07JE, 07RB, 07RC, 5360, 5361, 5362, 5365
Sequence Code: 2	ESTB Date: REV: Date 5/3/2013	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. The AW and AWF "Source Rating" is limited to the Full Time Support (FTS) community members who previously earned the Navy Enlisted Classification (NEC) code prior to 1 October 2008 ONLY. This NEC code is not authorized for NEW assignment to AW and AWF members who did not previously earn the NEC code prior to 1 October 2008.
2. Due to the unique nature of the AW/AWF FTS community, personnel who earned the Navy Enlisted Classification (NEC) codes 8300 or 8800 prior to the fixed wing AW rating merger may reapply for reinstatement of their previously awarded 8300 or 8800. Member must provide documentation and Navy Personnel (NAVPERS) 1221/6 to Personnel (PERS)-4013D2 via Bureau of Personnel (BUPERS)-32 (Aviation Enlisted Community Manager (ECM) showing NEC code was previously awarded or member completed all prerequisites prior to 1 October 2008. All AW/AWF FTS personnel who previously held the 8800 and request reinstatement, will also be eligible to request the 8300, provided all requirements listed below are met.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. This NEC code 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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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 (N98)	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 (N98)	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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8810 - EA-6B Electronic Counter Measures (ECM) System Organizational Initial Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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: 8/20/15	NR Ind: A
Component NEC:	Related NEC: 8806	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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 (N98)	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: Mandatory	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(N98)	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 (N98)	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 - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC: 8841	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

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, 767W (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	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	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.
3. Last reviewed during "CNATT" refresh completed 2/28/13.

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-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-646-0653 (P/L)	0339
Sequence Code: 6	ESTB Date: REV Date: 2/28/13	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "CNATT" refresh completed 2/28/13.

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	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8876 - SH-60B (LAMPS MK III) System Organizational Initial Maintenance Technician - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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-603-9408 (P/L) (AM) C-601-9408 (P/L) (AD)	CDP: 597G, 597H, 753V (AM) 597C, 597D, 7554 (AD)
Sequence Code: 6	ESTB Date: REV Date: 8/20/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

8885 - MH60R/S Electrical Systems Organizational Initial Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Source 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 (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

INDIVIDUAL AUGMENTEE

90BC - Individual Augmentation (IA) 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: Mandatory	CIN: A-250-0100	CDP: 01R3
Sequence Code: 9	ESTB Date: REV Date: 1/13/16	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. Requisite training to earn this NEC code will be a combination of formal training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
3. Last reviewed during "NAVMAC Periodicity Review" completed 1/13/16.

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:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/21/12	NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: MCAG	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) 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 or completion of an operational Civil Affairs deployment.
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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC: 90CA	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: BUPERS-32

NOTES:

1. This course will be a combination of formal U.S. Army training and OJT.
2. Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

90CR - Individual Augmentation (IA) 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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC: 1121, 1122	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:

1. This course will be a combination of formal training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
3. Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

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: Mandatory	CIN: A-830-0030	CDP: 03PP
Sequence Code: 9	ESTB Date: REV Date: 2/9/15	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 requirements will be satisfied by formal training via:

   a. Expeditionary Combat Skills (CIN: A-830-0030).
   b. U.S. Marines Corps School of Infantry (CIN: A-020-0020 – prior to 1 February 2009.)
   c. Seabee Repalcement Training Plus Basic Combat Skills II (prior to 1 October 2009).
   d. Explosive Ordnance Disposal Tactical Training (CIN: S-431-0119 – prior to 1 October 2009).
   e. Field Medical Service Technician (CIN B-300-0013) and awarded NEC code 8404.
   f. Active duty and Reserve personnel Seabee Combat Warfare, Expeditionary Combat Warfare, or Explosive Ordnance Disposal qualified (prior to 1 October 2010).
   g. Reserve personnel who have completed Basic Combat Skills II, weapons qualification, and CBR personal protection.

2. Submit NAVPERS 1221/6 to Navy Personnel Command (PERS 4013) for award.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC: 90DS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NEGB	ECM: BUPERS-32

NOTES:

1. 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.
2. 6 months OJT required for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.
4. Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/4/13	NR Ind: A
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: OJT	CIN: See Note 2	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: BUPERS-32

NOTES:
1. 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.
2. 6 months OJT required for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.
4. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/4/13	NR Ind: A
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.

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:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: ETC	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by completion of either Embedded Training Team pipeline training or completion of Expeditionary Training Command (4587A) training requirements.
2. Submit NAVPERS 1221/6 to PERS-4013 for award.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 6/22/15	NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2/CSF	ECM: BUPERS-32

NOTES:
1. The course requirement will be satisfied by completing formal training to include either Expeditionary Combat Skills(CIN:A-830-0030) or SEABEE Replacement Training plus Basic Combat Skills II; followed by the Riverine Combat Skills course(CIN:A-020-0020) and the Riverine Crewman course(CIN:A-062-0052).
2. 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:	CIN:	CDP:
Sequence Code: 6	ESTB Date: REV Date: 6/22/15	NR Ind: A
Component NEC:	Related NEC: 90CS	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2/CSF	ECM: BUPERS-32

NOTES:
1. The course requirement will be satisfied by completing formal training to include either Expeditionary Combat Skills(CIN:A-830-0030) or SEABEE Replacement Training plus Basic Combat Skills II; followed by the Riverine Combat Skills course (CIN:A-020-0020) and the Riverine Security Team Member course(CIN:A-840-0397).
2. Submit NAVPERS 1221/6 to PERS-4013 for award.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 5/13/15	NR Ind: A
Component NEC:	Related NEC:	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. Last reviewed during “NAVMAC Periodicity Review” completed 5/13/15.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 5/12/15	NR Ind: A
Component NEC:	Related NEC:	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. Last reviewed during “NAVMAC Periodicity Review” completed 5/12/15.

90IW - Expeditionary Information Warfare (Tactical)

Responsible for providing focused cryptologic and tactical information operations Electronic Warfare support and computer Network Operations support to Expeditionary, Joint and Fleet forces. Performs direction finding and signals intelligence operations on ground, air, and maritime platforms.

Source Rating: CTI, CTM, CTN, CTR, CTT	Billet Paygrades:	Personnel Paygrades: E3-E8
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 7/17/2012 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: COMNECC, NAVCYBERFOR N13	ECM: BUPERS-32, PERS-40

NOTES:
1. Successful completion of eight weeks of varied technically specific training.
2. Individual must complete six months OJT, successful six month operational deployment, and obtain Commanding Officer recommendation to earn NEC code.
3. Individual must possess a current and valid TS/SCI security clearance.

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:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 5/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 5/13/15.

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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC: 9570	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: NAVELSG TEU	ECM: BUPERS-32

NOTES:
1. 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.
2. A forward deployment with a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.
4. Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

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	ESTB Date: REV Date: 10/9/15	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. 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.
2. NEC code is removed when member becomes eligible for 90LG
3. Service in a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT, 1 year required for NEC.
4. Submit NAVPERS 1221/6 to PERS-4013 for award.
5. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 5/12/15	NR Ind: A
Component NEC: N/A	Related NEC:	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. Last reviewed during "NAVMAC Periodicity Review" completed 5/12/15.

90MP - Individual Augmentation (IA) 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:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	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 training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

90MS - Expeditionary - Maritime Security

Performs and executes major combat operations; security in support of counter-insurgency operations; port security/harbor defense; humanitarian assistance/ disaster response; theater security cooperation; law enforcement operations; security, stability, transition, and reconstruction operations; maritime interdiction operations.

Source Rating: BM, CM, EN, ET, GM, HM, IT, MA, MM, OS, QM	Billet Paygrades: E6-E9	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: 8/28/14 REV Date:	NR Ind: A
Component NEC: 90CS	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: CRG-l/CRG-2	ECM: BUPERS-32

NOTES:

1. NEC code may be awarded after completion of one year of OJT familiarization with Maritime Expeditionary Security tasks and functions while assigned to a sea duty command subordinate to Coastal Riverine Group ONE (CRG-1) or Coastal Riverine Group TWO (CRG-2). Commanding Officers shall submit NAVPERS 1221/6 for awarding of NEC code.
2. NEC code may also be awarded retroactively to source rating personnel who meet the following requirements:

   a. Previously earned component NEC code 90CS.
   b. Completed a minimum 1-year tour of duty subsequent to 1 April 2009 at a sea duty command subordinate to CORIVGRU ONE (formerly Maritime Expeditionary Security Group ONE) or CORIVGRU TWO (formerly Maritime Expeditionary Security Group TWO). Includes former subordinate sea duty commands of Coastal Riverine Groups ONE and TWO.

90MT - Individual Augmentation (IA) 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:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/9/15	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 training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC:	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:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC:	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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 5/12/15	NR Ind: A
Component NEC:	Related NEC:	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. Last reviewed during "NAVMAC Periodicity Review" completed 5/12/15.

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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 11/4/13	NR Ind: A
Component NEC:	Related NEC:	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.

90UE - Individual Augmentation (IA) 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: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date:10/9/15	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 training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 3/6/13	NR Ind: A
Component NEC:	Related NEC: 90CS, 90UV	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by 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.
2. 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:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 3/6/13	NR Ind: A
Component NEC:	Related NEC: 90CS, 90UN	Open to Women: Yes
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by 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.
2. Submit NAVPERS 1221/6 to PERS-4013 for award.

CRYPTOLOGIC TECHNICIAN

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	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women : Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Requires TS clearance based on SSBI with SCI access.

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.

Source Rating: CTT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/13/10 REV Date: 6/6/12	NR Ind: N
Component NEC: 9102	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-326

NOTES:
1. Must possess a Top Secret/Sensitive Compartmented Information security clearance.
2. NEC code 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.

9113 - AN/SQQ-137 (SSEE INC E) Advanced Cryptologic Supervisor
Manages operations of AN/SSQ-137 Ship's Signals Exploitation Equipment Increment Echo (SSEE INC E) and ancillary systems, applying complex intercept techniques and prescribed analysis and reporting procedures.

Source Rating: CTR	Billet Paygrades: E6-E7	Personnel Paygrades: E6-E7
Course: Mandatory	CIN: K-232-0113	CDP: 12D9
Sequence Code: 3	ESTB Date: 2/9/15 REV Date:	NR Ind: N
Component NEC: 9150	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Tech Advisor: NAVCYBERFOR	ECM: BUPERS-32

NOTE: Top Secret/Sensitive Compartmented Information security clearance required.

9114 - Fleet Signals Exploitation Operator
Graduates deploy as Fleet Direct Support (DIRSUP) Operators or Permanent Ships Company personnel operating sophisticated Cryptologic systems and ancillary systems applying complex geo-location, radio direction finding, and signals intercept and analysis techniques to extract and report indications and warning intelligence to tactical commanders.

Source Rating: CTR	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: K-231-1850	CDP: 06SV
Sequence Code: 4	ESTB Date: 3/4/15 REV Date:	NR Ind: N
Component NEC:	Related NEC: 9150, 9161	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Tech Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

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-231-1250 (P/L)	CDP: 06V1
Sequence Code: 4	ESTB Date: REV Date: 12/4/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 12/4/14.

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	ESTB Date: 10/1/1984 REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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: JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-327

NOTE: NEC code is earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

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	CIN: A-233-0125	CDP: 968T
Sequence Code: 4	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-327

NOTE: Course requirement is waiverable. NEC code can be earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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: 07K6, 916P, 644U
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Personnel must complete EA-279 and EA-280 to earn this NEC code.

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	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 code will also be awarded to individuals upon successful completion of the Military COMINT Signals Analyst Program (MCSAP).

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
Sequence Code: 3	ESTB Date: REV Date: 12/4/14	NR Ind: N
Component NEC: 9147	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during "NAVMAC Periodicity Review" completed 12/4/14.

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-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-231-0113 A-231-1300 (P/L)	CDP: 00S8, 00S9, 04C3, 04C4, 9385 06V2
Sequence Code: 4	ESTB Date: REV Date: 12/8/14	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 12/4/14.

9161 - Ship's Signal Exploitation Equipment Increment Foxtrot (SSEE INC F) Operator

Operates the AN/SSQ-130 SSEE INC F system and auxillary systems applying complex intercept techniques and prescribed analysis and reporting procedures.

Source Rating: CTR	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: W-102-5889	CDP: 07UR
Sequence Code: 3	ESTB Date: 9/27/13 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. All apprentice level Sailors shall complete Cryptologic Fleet Operations (K-231-1850) training prior to NEC code 9161 training.

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC: 9141	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	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).

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-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-231-0044	CDP: 6301
Sequence Code: 4	ESTB Date: REV Date: 1/8/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIDFOR N13	ECM: BUPERS-32

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: Mandatory	CIN: J-246-0984	CDP: 741A
Sequence Code: 3	ESTB Date: REV Date: 8/29/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SSO Navy (ONI-52)	ECM: BUPERS-32

NOTES:

1. 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 this NEC code.
2. Last reviewed during “NAVMAC Periodicity Review” completed 8/29/14.

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.

Source Rating: CTI	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: N/A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTES:

1. Achieve L3/R3 on Defense Language Proficiency Test (DLPT) within one year of applying for this NEC code.
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.

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: 6/6/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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: 06T2, 06T3, 964T
Sequence Code: 4	ESTB Date: REV Date: 10/11/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/11/12.

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: No
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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	ESTB Date: REV Date: 6/6/12	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

9298 - Ship's Signal Exploitation Equipment Increment Foxtrot (SSEE INC F) Maintenance Technician
Maintains the AN/SSQ-130 SSEE INC F system and auxillary systems.

Source Rating: CTM	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: W-102-5890	CDP: 07V8
Sequence Code: 4	ESTB Date: 9/27/13 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

NOTE: Top Secret/Sensitive Compartmented Information security clearance required.

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: Mandatory	CIN: A-531-0451	CDP: 07PV
Sequence Code: 3	ESTB Date: REV Date: 2/20/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: CYBERFOR (N1)	ECM: BUPERS-32

NOTE: NEC code is awarded upon successful completion of the Foundations and Operations course of instruction, completion of the basic operator JQS, and successful demonstration of operational proficiency through real world scenarios. The FLTCYBERCOM ION Program Manager (N133) will be the point of contact to verify requirements completion.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: R
Component NEC: 9308	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTE: NEC is awarded based on demonstrated network operations proficiency and training already required.

9317 - Language Program Manager

Responsible for carrying out language training and readiness functions as designated by the Commanding Officer (CO), Officer-In-Charge (OIC), or Department Head; coordinating, developing, and assisting in the implementation and execution of all policy matters pertaining to command language training; appraising the Chain-of Command of the linguistic readiness of all assigned linguists; and coordinating with OPNAV (N13F) (Navy Foreign Language Office) for annual testing in languages for which there is no Defense Language Proficiency Test (DLPT).

Source Rating: CTI	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: 4/19/11 REV Date: 6/6/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCYBERFOR (N7/N1)	Technical Advisor: BUPERS-327	ECM: BUPERS-327

NOTES:
1. Successful completion of the two (2) day National Security Agency (NSA) Course of Instruction (COI) LIMA 1700 (Cryptologic Language Training Manager (CLTM) Workshop).
2. Individual must complete six (6) months OJT and obtain CO/OIC recommendation to earn NEC code.
3. Individual must possess a current and valid TS/SCI clearance.

9320 - Middle East and North Africa Cryptologic Linguist

Used to identify individuals associated with Enlisted Management Code (EMC) B511.

Source Rating: CTI	Billet Paygrades:	Personnel Paygrades: E1-E8
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 3/17/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USCYBERFOR	Technical Advisor: BUPERS-327	ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Cyber Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.

9321 - East and Far East Asia Cryptologic Linguist

Used to identify individuals associated with Enlisted Management Code (EMC) B512.

Source Rating: CTI	Billet Paygrades:	Personnel Paygrades: E1-E8
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 3/17/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USCYBERFOR	Technical Advisor: BUPERS-327	ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Cyber Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.

9322 - Latin and South America Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B515.

Source Rating: CTI	Billet Paygrades:	Personnel Paygrades: E1-E8
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 3/17/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USCYBERFOR	Technical Advisor: BUPERS-327	ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Cyber Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.

9323 - Eastern Europe Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B516.

Source Rating: CTI	Billet Paygrades:	Personnel Paygrades: E1-E8
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 3/17/11 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USCYBERFOR	Technical Advisor: BUPERS-327	ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Cyber Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.

9325 - Basic Cyber Analyst/Operator
Provides advanced technical analysis and solutions to produce Cyber Capabilities and Non-Kinetic effects during the performance of Computer Network Defense Analysis, Digital Forensics Analysis, and Digital Network Exploitation Analysis.

Source Rating: CTN	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-531-1900	CDP: 06T6
Sequence Code: 4	ESTB Date: 6/29/11 REV Date: 7/3/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6C122)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-327D

NOTE: Top Secret security clearance required.

9326 - Navy Interactive On-Net (ION) Operator (Windows)
Use advanced software applications and protected techniques for network navigation and tactical forensic analysis specifically targeted against a Windows-based technology platform.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: 5/5/15	NR Ind: R
Component NEC:9308	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: FLTCYBERCOM N13	ECM: BUPERS-32

NOTES:
1. Must possess a current and valid Top Secret/Sensitive Compartmented Information security clearance.
2. Individual must achieve certification in their technical field and verified through the ION program manager at U.S. Fleet Cyber Command.
3. Upon award o f NEC code 9326 do not remove Component NEC, member shall retain NEC code 9308 for Selected Reenlistment Bonus (SRB) entitlements.

9327 - Navy Interactive On-Net (ION) Operator (Unix)
Use advanced software applications and protected techniques for network navigation and tactical forensic analysis specifically targeted against a Unix-based technology platform.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: REV Date: 5/5/15	NR Ind: R
Component NEC:9308	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: FLTCYBERCOM N13	ECM: BUPERS-32

NOTES:
1. Must possess a current and valid Top Secret/Sensitive Compartmented Information security clearance.
2. Individual must achieve certification in their technical field and verified through the ION program manager at U.S. Fleet Cyber Command.
3. Upon award of NEC code 9327 do not remove Component NEC, member shall retain NEC code 9308 for Selected Reenlistment Bonus (SRB) entitlements.

9328 - Navy Interactive On-Net (ION) Operator (Networks)
Use advanced software applications and protected techniques for network navigation and tactical forensic analysis specifically targeted against an operational network infastructure.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: 5/5/15	NR Ind: R
Component NEC:9308	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: FLTCYBERCOM N13	ECM: BUPERS-32

NOTES:
1. Must possess a current and valid Top Secret/Sensitive Compartmented Information security clearance.
2. Individual must achieve certification in their technical field and verified through the ION program manager at U.S. Fleet Cyber Command.
3. Upon award of NEC code 9328 do not remove Component NEC, member shall retain NEC code 9308 for Selected Reenlistment Bonus (SRB) entitlements.

NAVAL AIRCREWMAN

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	ESTB Date: REV Date: 8/20/15	NR Ind: R
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/20/15.

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-050-1130 (P/L)	CDP: 193N
Sequence Code: 4	ESTB Date: REV Date: 10/6/11	NR Ind: A
Component NEC: 8201	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during “CIN/CDP” refresh completed 10/6/11.

SPECIAL SERIES (GENERAL)

9501 - Antiterrorism Training Supervisor

Provides entry and sustainment level security force training in direct support of antiterrorism and force protection readiness; including the capability to effectively interact with the command's Antiterrorism Training Team (ATTT) in management of unit-level antiterrorism training, force protection training, reaction force training in accordance with U.S. Navy directives and guidelines that govern the tactics, techniques, procedures, and fleet-wide force protection training requirements and will 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
Sequence Code: 7	ESTB Date: REV Date: 1/4/16	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USFF N1SF	Technical Advisor: CENSECFOR N5	ECM: BUPERS-32

NOTES:

1. Non-Lethal Weapons-Basic Instructor (NLW-BI) CIN: A-830-0035, is taught as part of Training Supervisor (TRASUP) curriculum and upon successful completion, graduates shall be qualified as a NLW-BI in addition to TRASUP.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/4/16.

9502 - Instructor

Directs teaching/learning activities in the various formalized Navy training environments. Delivers training material, administers tests, counsels students on academic problems, documents academic performance, evaluates training, and performs curriculum maintenance tasks to ensure validated formalized training requirements are executed.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-012-0043	CDP: 1976
	A-661-0108	333P
	A-661-0109	333V
	A-012-0077	10WZ, 10XO, 631K, 4642, 4648, 4647, 4649, 4645, 4640, 4641, 979A
	E-050-0804	09KT
	A-661-0110	1021, 203J
	K-431-0300	03MB
	A-661-0107	1016, 203H
Sequence Code: 7	ESTB Date: REV Date: 9/28/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N12)	Technical Advisor: NETC	ECM: OPNAV (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 code upon transfer to instructor billets in these UICs. Personnel submit NAVPERS 1221/6 to PERS-4013D2.
3. Defense Language Institute (DLI) Instructor Certification Course (ICC) may be awarded this NEC code. Personnel submit NAVPERS 1221/6 to PERS-4013D2.
4. Personnel attending other military services instructor training courses, per ITRO IEO-2002-02, may be awarded this NEC code. Personnel submit NAVPERS 1221/6 to PERS-4013D2.
5. E-5 personnel and above shall attend Navy Instructor Training Course (NITC). E-4 personnel may only attend with overall evaluation of 4.0 on most recent and written waiver from the ultimate gaining command. E-3 ND rating accession level personnel under BUPERS orders to Navy Medicine Operational Training Center and Aviation Survival Training Center will be accepted for instructor Duty.
6. E-3 ND rating personnel may attend Navy Instructor Training Course (NITC) to fill E-4 instructor billets. Coordination and agreement must take place between Enlisted Community Manager (ECM), rating detailer, and gaining Command prior to E-3 accession level personnel attending NITC. Upon attaining the rank of E-4, submit NAVPERS 1221/6 to PERS-401302 to award NEC code 9502.

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	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: 8/8/12	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.
3. Last reviewed during "ET HPRR" completed 8/8/12.

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	ESTB Date: REV Date: 8/20/15	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: OPNAV (N133D)

NOTES:
1. Hospital Corpsmen who possess NEC code 8409 do not require component NEC 9502 to be awarded this NEC code.
2. Last reviewed during "NAVMAC Periodicity Review" completed 8/20/15.

9505 - Survival, Evasion, Resistance and Escape (SERE) Instructor

Conducts formal Code of Conduct (CoC) training to high-risk-of-capture personnel. Qualifies in current Survival, Evasion, Resistance, and Escape (SERE) tactics, techniques, and procedures. Qualifies in all phases of SERE training and demonstrates knowledge of CoC and SERE fundamentals as set forth in Department of Defense, Chairman of the Joint Chiefs of Staff, and Navy policy and guidance.

Source Rating: All	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: E-012-0001	CDP: 448C, 07Z7
Sequence Code: 7	ESTB Date: REV Date: 10/20/15	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: NETC	Technical Advisor: CENSECFOR	ECM: OPNAV (N13)

9508 - Recruit Division Commander (RDC)/Recruit Instructor

Instructs and acts as Recruit Division Commander and Recruit Instructor at Recruit Training Command, Officer Training Command, Naval Academy, or Navy Ceremonial Unit.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-012-0037	CDP: 4060
Sequence Code: 7	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV N7	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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	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: 8/8/12	NR Ind: A
Component NEC: 9502 and 9526	Related NEC: 9503	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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.
3. Last reviewed during "ET HPRR" completed 8/8/12.

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
Sequence Code: 6	ESTB Date: REV Date: 10/11/12	NR Ind: A
Component NEC: 9502	Related NEC: 9504	Open to Women: Yes
Primary Advisor: NETC	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/11/12.

9515 - Command Climate Specialist

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: A-500-0612 (P/L)	CDP: 09K3
Sequence Code: 3	ESTB Date: REV Date: 1/6/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N17)	Technical Advisor: OPNAV (N17)	ECM: OPNAV (N17)

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	ESTB Date: REV Date: 5/28/15	NR Ind: R
Component NEC: 9575	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV ((N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

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 unit'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 unit'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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVSEA 05	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. This NEC code can also 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 this NEC code must complete JQR and attend follow-on training.
3. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

9518 - Professional Development Instructor

Deliver courses (i.e. Navy Instructor Training Course (NITC) and Senior Enlisted Academy (SEA)) which provide Sailors at all levels, a variety of skills designed to enrich and develop their technical and professional talents to support the accomplishment of the Navy's missison. Professional Development Instructors have a major impact on the development of the Navy's future instructors and leaders.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 8/27/15	NR Ind: R
Component NEC: 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N1)	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTES:
1. NITC instructors and SEA Faculty Advisors (FAs) require high caliber personnel with advanced facilitation skills. Previous experience as an instructor is desired when selecting personnel to teach NITC, the course that trains future instructors and awards NEC code 9502; individual must: be warfare qualified; have no evaluation mark below 3.0 in the last 36 months; have no record of NJP or financial problems in the last 36 months; have a combined Armed Services Vocational Aptitude Battery (ASVAB) score (WK-GCT/AR-ARI) of 101 or greater, or a college degree (Associates or higher); have no PRT failures in the past 36 months. Individual must have favorable adjudicated National Agency Check with Local Agency and Credit Check (NACLC) completed within 6 months of accepting instructor duty orders. Individual must have a 3-year obliserve requirement to be awarded this NEC code.
2. Individual must successfully complete NITC (CIN: A-012-0077) and/or be awarded component NEC code 9502. An additional sixteen hours of Professional Development Instructor Skills Training delivered at the receiving command is required.
3. Submit NAVPERS 1221/6 with completed qualifications to PERS-4013 to be awarded this NEC code.

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:	CIN:	CDP:
Sequence Code: 8	ESTB Date: REV Date:	NR Ind: R
Component NEC: 9522	Related NEC:	Open to Women: Yes
Primary Advisor: Pers-6	Technical Advisor: Pers-4010C	ECM: OPNAV (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	ESTB Date: REV Date: 8/29/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 8/29/14.

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: OPNAV (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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0040	CDP: 8175, 9098, 03PK, 05K1
Sequence Code: 3	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N4)	Technical Advisor: NAVSUP	ECM: PERS 4011D15

NOTES:
1. 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.
2. Last reviewed during "GM HPRR" completed 6/6/12.

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	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: 1/4/16	NR Ind: R
Component NEC: 9527	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: OPNAV (N13)

NOTES:
1. Continued NEC code qualification requires recertification per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).
2. NEC code is normally assigned to AE, AT, CTT, ET, ETR, ETV, FC, FT, GM, GSE, IC, IT, MN, MT, STG, and STS.

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	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: 1/4/16	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: OPNAV (N13)

NOTES:
1. Continued NEC code qualification requires recertification per the 2M Certification Plan (NAVSEA 05 TE000-AA-PLN-010/2M, NAVAIR 4790-PLN-010/2M).
2. NEC code is normally assigned to AE, AT, CTT, ET, ETR, ETV, FC, FT, GM, GSE, IC, IT, MN, MT, STG, and STS.

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: EMN, EN, ETR, ETV, HT, IC, MMA, MR	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-431-0306 K-431-0087	CDP: 5300 5301
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTES:
1. Course K-102-0306 is for ETR and ETV ratings.
2. NEC code 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 ETR and ETV personnel.

9535 - Advance SEAL Delivery System Maintainer

Perform organizational and intermediate level maintenance training on the ASDS. Possesses 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, ETR, ETV, HM, HT, MMA, MR, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	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 code.
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	ESTB Date: REV Date: 6/6/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTE: Last reviewed during "GM HPRR" completed 6/6/12.

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:	Personnel Paygrades: E3-E6
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 10/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: USFF N1SF	Technical Advisor: NECC	ECM: PERS 4011D14

NOTES:
1. NEC code maintained for inventory purposes only-no longer awardable.
2. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 1/97 REV Date: 11/18/10	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSUP (04)	ECM: BUPERS-32

NOTES:
1. NEC code awarded 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.
4. Last reviewed during "AW HPRR" completed 11/18/10.

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: ETR, ETV, FT, MMA, MMW, STS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 12/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Source Ratings must be qualified for duty in submarines.

9554 - Master Naval Parachutist

Directs all phases of parachute operations at activities that employ parachutists as part of their mission. Specializes in the instruction of students/ parachutists during static-line and military freefall (MFF) day and night jumps to include oxygen and combat equipment. Supervises drop zone activities during the conducting of jump operations.

Source Rating: EOD, ND, PR, SB, SO	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC: 7352, 9502	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:

1. NEC code is assigned to personnel in paygrades E6 and above who have satisfactorily completed an instructor's course and have been assigned to parachute jumping duty by competent orders. Must have satisfactorily completed approved static-line, MFF, static-line Jumpmaster and MFF Jumpmaster courses prescribed by competent authority, as well as the following:

   a. 150 MFF jumps.
   b. 4 water landing jumps (2 day/2 night).
   c. Performed as MFF Jumpmaster for a minimum of 15 parachute operations.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

9556 - Security Specialist

Assist the Command Security Manager with managing and implementing the DoN Security Program. This includes assisting in all activity information, personnel, information sysytems , physical and industrial security functions as required to ensure that the information security program is coordinated in its execution an inclusive of all requirements of the DoN security policies.

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	Related NEC: 9190	Open to Women: Yes
Primary Advisor: DUSN (Policy)	Technical Advisor: DUSN (Policy)	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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 5/13/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	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.
5. Last reviewed during "NAVMAC Periodicity Review" completed 5/13/15.

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-821-2145	CDP: 254G
Sequence Code: 4	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVPETOFF	Technical Advisor: NAVAIR, NAVSEA 05, NAVFACENG	ECM: OPNAV (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 code. (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 code normally assigned to active duty personnel in the ABF, MM, EN, HT, and UT ratings.
3. NEC code 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 code 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.
5. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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	ESTB Date: REV Date: 9/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

9562 - Deep Submergence Vehicle Operator

Performs as an operator of a manned noncombatant, Deep Submergence Vehicle (DSV), Submarine Rescue System(SRS), Submarine Rescue Chamber (SRC), or Atmospheric Diving System (ADS).

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 2/10/14	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. Normally assigned to ND, HM, ET, CS, MM, LS, and YN personnel.
2. Personnel must have successfully completed a formal certification program established by the type commander.
3. Must qualify as pilot of the DSV/ADS, Internal Attendant on SRS, or SRC 0perator.

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: E4-E9
Course: Mandatory	CIN: A-557-0003 or B-557-3100	CDP: 05A5, 08D8 or 08S8
Sequence Code: 7	ESTB Date: REV Date: 3/8/13	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 code will be awarded through a combination of formal training at the local activity and OJT. NEC will be awarded if member is a certified Green Belt as per local command policy and recommended by the Commanding Officer via the local command's Certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine). The local command's certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine) will validate completion of the following requirements:

(a) Formal training courses CIN A-557-0003/CDP 05A5, CDP 08D8 or CIN B-557-3100/CDP 08S8; AND
(b) The DoN approved JQR standards have been met:

1. Lead two LSS Full DMAIC projects; OR
2. Lead two KAIZENs/RIEs; OR
3. Lead one DMAIC project and one KAIZEN/RIE.
4. Submission of a NAVPERS 1221/6 along with a copy of Green Belt Certificate to PERS-4013.

(c) Individuals who have received training outside of the DoN courses must submit their curriculum/tests for evaluation of the curriculum by the local command's certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine) or the certification equivalency to cover the DoN requirement of 40 hours core Body of Knowledge (BOK) for Green Belts to include comprehensive training completion test, lead two LSS Full DMAIC projects; or lead two KAIZENS/RIEs; or lead one DMAIC project and one KAIZEN/RIE. Any identified gap in training requirements must be met prior to endorsement for certification.

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	ESTB Date: REV Date: 10/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: CMSC	Technical Advisor: NAVSEA 05	ECM: COMNAVRESFOR

NOTES
1. This NEC code 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).
5. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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: Mandatory	CIN: S-250-0500	CDP: 779G
Sequence Code: 4	ESTB Date: 7/28/08 REV Date: 6/22/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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 J TAC experience and who is assigned in an instructor capacity at an approved JTAC schoolhouse, Group, SEAL Team, Boat Team or Joint JTAC Program billet. 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 colocated with a qualified JTAC-I.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/28/08 REV Date: 10/19/15	NR Ind: R
Component NEC: 9568	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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 - Maritime Cargo Handling Specialist: Supervisory

Trains personnel in the technical skills of shipboard cargo handling aboard Maritime Prepositioning Ships and Merchant vessels. Performs duties involved in loading or discharging of Military and Merchant shipping used to support Naval Operations that include hatch tending, hold stowing, winch and crane operations, shipboard MHE operation, lashing, cargo rigging, safety procedures and other associated duties.

Source Rating: All	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: G-060-2010	CDP: 04X4
	G-060-2020	04X7
Sequence Code: 5	ESTB Date: REV Date: 4/11/14	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVELSG, NAVSUP, NAVFACENG	ECM: OPNAV (N13)

NOTES:

1. NEC may be assigned upon completion of formal training and completion of NAVEDTRA 43335 (Series) Personnel Qualification Standards (PQS) Hatch Captain Watchstation (306) or Ship Supervisor (307) .
2. NEC code 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:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 4/1/1984 REV Date: 1/7/14	NR Ind: R
Component NEC:	Related NEC: 6021	Open to Women: Yes
Primary Advisor: OPNAV (N09F)	Technical Advisor: OPNAV (N09F)	ECM: OPNAV (N13)

NOTES:

1. NEC code may be earned upon completion of:

   a. Safety Program Afloat PQS, NAVEDTRA series; Watchstation 301 - Divisional Safety Petty Officer.
   b. Completion of ONE of the following:

      1. Aviation Safety Specialist (A-493-0065) or (A-493-0665 for the online course).
      2. Safety Programs Afloat Course (A-493-2099) or (A-493-2098 for the online course).
      3. Introduction to Navy Safety and Occupational Health (Ashore)(A-493-0050) or (A-493-0550 for the online course).
      4. Submarine Safety Officer Afloat Course (F-4J-0020) or (F-4J-0023 for the online course).

2. Submit NAVPERS 1221/6 to Personnel (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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-831-0001	CDP: 572B
Sequence Code: 5	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: PERS-84	Technical Advisor: PERS-84	ECM: OPNAV (N13)

NOTES:

1. To be assigned this NEC, personnel must meet selection screening criteria set forth in MILPERSMAN 1306-904.
2. This NEC code applies to all non-MA personnel only. MA rating personnel will be awarded NEC code 2008.
3. Last reviewed during “NAVMAC Periodicity Review” completed 10/9/15.

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
Sequence Code: 2	ESTB Date: REV Date: 9/18/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N00D)	Technical Advisor: OPNAV (N00D)	ECM: BUPERS-32

NOTES:

1. Upon award of the 9580 NEC, the 9578 NEC will be removed from member’s personnel file.
2. The CMDCS source rating is normally awarded/assigned the 9578 NEC code for Active Component (AC) personnel/billets.
3. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1301/979B) is required in conjunction with assignment to a 9578 NEC code billet.

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	ESTB Date: REV Date: 5/15/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: PERS-403	ECM: OPNAV (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.
4. Last reviewed during "NAVMAC Periodicity Review" completed 5/15/15.

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	ESTB Date: REV Date: 9/18/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N00D)	Technical Advisor: NETC-003	ECM: BUPERS-32

NOTES:
1. NEC code 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 code is based on successful screening by CHNAVPERS.
3. The CMDCM, FLTCM, FORCM, MCPON, and close loop ratings (EOD, ND, SB, SO) source ratings are normally awarded/assigned the 9580 NEC code for Active Component (AC) personnel/billets.
4. Commanding officers must periodically review the performance of personnel assigned NEC code 9580 for quality control purposes.
5. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1300/960F orP-920-1301/979B) is required in conjunction with assignment to 9580 NEC code billet.
6. 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:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. NEC code 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.

2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

9582 - Continuous Process Improvement Core Black Belt

Executes events to resolve complex command problems using the industry proven process improvement methodologies of Lean, Six Sigma and Theory of Constraint. Schedules, leads, plans and executes large Value Stream Analysis (VSA) projects. Leads complex Define, Measure, Analyze, Improve, Control (DMAIC) projects and Rapid Improvement Events (RIE's); assist Value Stream Champions, Project Sponsors, and Team Leaders with Continuous Process Improvement (CPI) execution; perform statistical analysis; mentors Green Belts to certification.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-557-0009	CDP: 07HE
	or	or
	B-557-3005	09M5
Sequence Code: 7	ESTB Date: 3/8/13 REV Date:	NR Ind: A
Component NEC: 9564	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N120)	Technical Advisors:OPNAV (N96)/(N97)/(N98)	ECM: BUPERS-32

NOTES:
1.The DON approved JQR standards have been met:

a. Lead two full DMAIC projects and one KAIZEN/Rapid Imporvement Event (RIE).
b. Mentor two Green Belts through: One full DMAIC project each, or two RIEs/KAIZENs each.
c. Submission of a NAVPERS 1221/6 along with a copy of Black Belt certificate to PERS-4013.

2. Individuals who have received training outside of the DoN courses must submit their curriculum/tests for evaluation by the local command's certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine) for equivalency to cover the DoN requirement of 160 hours core Body of Knowledge (BOK) for Black Belts to include comprehensive training completion test, lead completion of two LSS full DMAIC projects and one RIE, and mentor two Green Belts through one full DMAIC project each or two RIEs/KAIZENs each. Any identified gap in training requirements must be met prior to endorsement for certification.

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	ESTB Date: REV Date: 9/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. 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.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: OPNAV (N13)

NOTES:
1. 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.
2. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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	ESTB Date: REV Date: 10/9/15	NR Ind: R
Component NEC: 9585	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: OPNAV (N13)

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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: Mandatory	CIN: S-7C-2414	CDP: 962H
Sequence Code: 8	ESTB Date: REV Date: 10/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	ECM: OPNAV (N13)

NOTES:
1. Personnel may earn this NEC code by completion of PQS/OJT or course completion.
2. Last reviewed during "NAVMAC Periodicity Review" completed 10/9/15.

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	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-501-0011	CDP: 3192, 477B
Sequence Code: 3	ESTB Date: REV Date: 5/28/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PERS-206	ECM: BUPERS-32

NOTES:
1. NEC code is not awardable to NC personnel.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

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: C-555-0026	CDP: 07YK, 07YL, 07YM, 07YN, 09G4, 571X, 2165
Sequence Code: 3	ESTB Date: REV Date: 10/6/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: OPNAV (N13)

NOTE: Last reviewed during "CIN/CDP" refresh completed 10/6/11.

9592 - Reserve Career Information Program Advisor

Advises and assists commands in organizing and implementing a career information program for reserve 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.

Source 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: 10/29/14	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: EMN, EN, ETN, HT, IC, MMN, MR	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-661-1025	CDP: 946C
Sequence Code: 3	ESTB Date: REV Date: 12/13/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)/(N98)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

9595 - Hazardous Material Control Management Technician

Performs duties associated with Hazardous Material Control Management. Performs Hazardous Material Control planning and management of material handling equipment. Responsible for inventorying, receiving, transferring, and properly turning in all used and excess Hazardous Materials from all Navy commands.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-322-2600	CDP: 05BK, 05C2, 05HV, 05LZ, 06WL, 07AV, 07AW, 07AX, 07B1, 07B4, 09PZ, 09YK, 10CX, 438D, 592X
	A-322-2601	01XA, 01XB, 01XC, 01XD, 01XE, 01XF, 01X6, 01X7, 01X8, 01X9, 02UU, 03C3, 09RO, 09RK, 10CZ, 5575
	A-322-2604	10ZZ
Sequence Code: 3	ESTB Date: REV Date: 3/9/15	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV(N45)	Technical Advisor: NAVSUP (04)	ECM: OPNAV (N13)

9596 - Joint Maritime Staff Operator

Understands and is competent to practice operational level staff processes and procedures; conducts planning within the Naval Planning Process (NPP) construct within a maritime headquarters tasked with serving as a Service Component Commander (SCC), Joint Force Maritime Component Commander (JFMCC) or Joint Force Commander (JFC).

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: H-2G-1001	CDP: 04RF
Sequence Code: 2	ESTB Date: 8/9/11 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: NWC (N0)	Technical Advisor: NWC (70)	ECM: BUPERS-32

NOTE: Secret security clearance required.

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: 03W3
Sequence Code: 5	ESTB Date: REV Date: 6/29/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (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: 07RM, 07RN
Sequence Code: 4	ESTB Date: REV Date: 9/9/11	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)/(N97)/(N98)	Technical Advisor: NAVFACENG	ECM: OPNAV (N13)

NOTES:
1. No new assignment of this NEC to E3-E4 personnel. E3-E4 personnel who currently hold this NEC may retain their NEC.
2. Last reviewed during “CIN/CDP” refresh completed 9/9/11.

95PT - Command Fitness Leader (CFL)

Conducts a safe and effective physical readiness program (PRP) (both afloat and ashore). Job tasks include, but are not limited to: basic exercise physiology and programming (i.e., command physical training and fitness enhancement program), official physical fitness assessment administration, nutrition, weight management, as well as PRP policies and administrative responsibilities (record management, administrative separation, medical waivers, etc.).

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-562-0612	CDP: 08HM, 08HN, 08HP, 08HR, 08HS, 08HT, 08HU, 08HV, 08HW, 08HX, 08HY, 08HZ, 08JO, 08J1, 08J2, 08J3, 08J4, 08J5, 08J6, 08J7, 08J8, 08J9, 08JA, 08JB, 08JC, 08JD, 08JE, 08JF, 08JG, 08JH, 08JJ, 08JK, 08JL, 08KL, 08KM, 08KN, 08KP, 08KR, 08KS, 08KT, 08KU, 08KV, 08KW, 08KX, 08KY, 08KZ, OSLO, 08L1, 08L2, 08L3, 08L4, 08LU, 08LV, 08MX
Sequence Code: 7	ESTB Date: 7/30/14 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N17)	Technical Advisor: OPNAV (N17)	ECM: OPNAV (N17)

NOTE: Personnel must meet all requirements as established in OPNAVINST 6110.1J. Specifically, a non-tobacco user, 1% under established body composition assessment, minimum passing score of "Excellent" on most recent physical readiness test, cardio pulmonary resuscitation qualified, complete pre-requisite Navy Knowledge Online course (CPD-CFL-010), as well as be able to run 1.5 mile during the 5-day certification course and attain a minimum overall score of "Excellent" or better.

ELECTRONICS TECHNICIAN

9604 - Data Link Communications System Maintenance Technician

Performs alignments and adjustments, fault detections and isolations, corrective maintenance procedures, and selective preventative maintenance procedures on: AN/USQ-125 CDS Data Link Terminal Set, MK-162 MOD 1 Ship Gridlock System, SSW-1 Data Terminal Set, SSW-2 Data Terminal Set, USQ-118 Data Terminal Set, AN/URC-93 UHF Radio Set, AN/URC-107 Joint Tactical Information Distribution System, AN/URC-141 Multifunctional Information Distribution System, Command and Control Processor System, Common Data Link Management System, and Link Systems.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0148	CDP: 577N
Sequence Code: 4	ESTB Date: REV Date: 2/5/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTES:
1. Personnel without previous shipboard or shore activity experience may require some supervision and on the job training upon reporting for duty.
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/5/15.

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	ESTB Date: REV Date: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/8/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

9610 - Radar AN/SPS-49A(V)1 Technician
Performs organizational and/or intermediate level maintenance on AN/SPS-49A(V)1. 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: 8/19/13	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/19/13.

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, IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-670-2153	CDP: 2303
Sequence Code: 4	ESTB Date: REV Date: 8/8/12	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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, ETR, IT	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-101-0001	CDP: 02PB
Sequence Code: 4	ESTB Date: REV Date: 1/4/16	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	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 code 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.

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: 8/8/12	NR Ind: R
Component NEC: 9606	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET HPRR" completed 8/8/12.

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: 5/28/15	NR Ind: N
Component NEC:	Related NEC: 9608	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Confidential security clearance is required.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/28/15.

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, A-130-0023	CDP: 06J7, 06J5
Sequence Code: 3	ESTB Date: 2/1/2009 REV Date: 4/10/2013	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "STG HPRR" completed 4/10/13.

9617 - Navigation Systems Maintenance Technician

Performs organizational level maintenance on the following navigation systems: AN/WSN-7 RLGN; IBS/Integrated Bridge Navigation System (IBNS) and Voyage Management System (VMS); AN/WSN-9 Digital Hybrid Speed Log (DHYSL); AN/SSN-6 Navigation Sensor System Interface (NAVSSI) and IP-1747/WSN Control Display Unit (CDU). 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: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-670-0017(P/L)	CDP: 11YW
Sequence Code: 4	ESTB Date: 4/10/15 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA-O5H	ECM: BUPERS-32

NOTE: Secret security clearance required.

9619 - Commercial Broadband Satellite Program (CBSP) AN/USC-69 (V) 2, 3 (FLV/ULV) Maintenance Technician

Performs and directs preventative and corrective maintenance on the AN/USC-69 (V) 2, 3 Force Level Variant/Unit Level Variant (FLV/ULV) System.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0057	CDP: 08N7, 08N9
Sequence Code: 4	ESTB Date: 5/5/15 REV Date:	NR Ind: A
Component NEC:	Related NEC: 1404	Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR, NAVCYBERFOR, NAVSEA	ECM: BUPERS-32

NOTE: Member must have completed prerequisite training A-101-0054 prior to attending A-101-0057.

9620 - Navy Multiband Terminal (NMT) AN/WSC-9(V) Ship and AN/FSC-138(V) Shore Maintenance Technician

Performs and directs preventive and corrective maintenance on the AN/WSC-9(V) and AN/FSC-138(V) system variants.

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-101-1003	CDP: 10H6, 10H7
Sequence Code: 4	ESTB Date: 6/25/15 REV Date:	NR Ind: R
Component NEC:	Related NEC: 1403, 1405, 1406, 1430	Open to Women: Yes
Primary Advisor: OPNAV(N2/N6)	Technical Advisor: SPAWAR, PMS- 339, NAVIDFOR	ECM: BUPERS-32

NOTE: Secret security clearance required.

98AS - Anti-Sub Warfare (ASW) Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the ASW Systems Suite onboard Littoral Combat Ship (LCS) class.

Source Rating: STG	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98GD - General Dynamics (GD) Littoral Combat Ship (LCS) Core Crew Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the GD Systems Suite onboard LCS class.

Source Rating: BM, CS, DC, EM, EN, ET, FC, GM, GS, GSE, GSM, HM, IT, LS, OS, QM	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO Ships (PMS 501) (PMS 339), COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; GD ship unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98LM - Lockheed Martin (LM) Littoral Combat Ship (LCS) Core Crew Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the LM Systems Suite onboard LCS class.

Source Rating: BM, CS, DC, EM, EN, ET, FC, GM, GS, GSE, GSM, HM, IT, LS, OS, QM	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO Ships (PMS 501) (PMS 339), COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; LM ship unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98MC - Mine Countermeasure (MCM) Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the MCM Systems Suite onboard Littoral Combat Ship (LCS) class.

Source Rating: AG, EN, MN	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: OPNAV (N95), PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98SU - Surface Warfare (SUW) Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the SUW Systems Suite onboard Littoral Combat Ship (LCS) class.

Source Rating: BM, EN, FC, GM	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

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	ESTB Date: REV Date: 5/15/15	NR Ind: R
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N97)	Technical Advisor: Pers-403F	ECM: OPNAV (N13)

NOTES:
1. Identifies personnel recruited or who have otherwise volunteered for nuclear propulsion training. BUPERSINST 1306.78 Series applies.
2. Last reviewed during "NAVMAC Periodicity Review" completed 5/15/15.

9902 - Nuclear Propulsion And Submarine Disqualification Tracker
Tracking NEC code to identify CS, EMN, ETN, ETR, ETV, LS, MMA, MMN, MMW, and YN personnel who have been disqualified from serving in the submarine or nuclear propulsion plants and are still in the process of converting to another rating.

Source Rating: CS, EMN, ETN, ETR, ETV, LS, MMA, MMN, MMW, YN	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 2/19/13 REV Date: 1/4/16	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: BUPERS-32	Technical Advisor: BUPERS-32	ECM: BUPERS-32

9920 - Construction Basic Veteran
An NEC code assigned 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	ESTB Date: REV Date: 9/9/15	NR Ind: N
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N4)	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 9/9/15.

9ACE-9ZHO - Language Capability (Billets and Personnel)
Identifies proficiency in a foreign language required for billets and personnel.

Source Rating: All
Course:
Sequence Code: 6
Component NEC:
Primary Advisor: OPNAV (N13F)

Billet Paygrades: E3-E9
CIN:
ESTB Date: 12/6/10 REV Date: 10/11/12
Related NEC:
Technical Advisor: NETWARCOM (N17)

Personnel Paygrades: E1-E9
CDP:
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	A-232-1605	09VS
9ARA	ARABIC	K-431-5202	09BN, 09BS, 09BT
9ARB	ARABIC (MODERN STANDARD)	A-232-5006, A-232-6006, A-232-0083	877U, 913Z, 03BG
9ARQ	ARABIC-ALGERIAN		
9ARY	ARABIC-MOROCCAN		
9ARZ	ARABIC-EGYPTIAN		
9AYL	ARABIC-LIBYAN		
9AZE	AZERBAIJANI		
9BAL	BALUCHI	A-232-1603	09VM
9BAM	MANDINGO-BAMBARA		
9BAN	BALINESE		
9BEN	BENGALI	K-431-5213	09CB, 09CC
9BUL	BULGARIAN	A-232-5083	0486
9CBK	CHAVACANO		
9CHE	CHECHEN		
9CMN	CHINESE-MANDARIN	A-232-5007, A-232-6007, A-232-0081, K-431-5218	877V, 914A, 03BE, 10JU
9DAN	DANISH	A-232-1604	09VR
9DEU	GERMAN	A-232-5017	889F
9ELL	GREEK		
9EST	ESTONIAN		
9FIN	FINNISH		
9FRA	FRENCH	A-232-5008, K-431-5207	877W, 09BW/09BX/09U3
9FUL	FULANI		
9GAN	CHINESE-GAN		
9GRN	GUARANI		
9GSW	GERMAN-SWISS		
9GUJ	GUJARATI		
9HAT	HAITIAN-CREOLE	A-232-0005	993Z
9HAU	HAUSA	A-232-1510	09VJ
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

NEC	LANGUAGE TITLE	CIN	CDP
9HYE	ARMENIAN		
9IBO	IBO		
9IND	INDONESIAN	A-232-5087	06T0
9ITA	ITALIAN	A-232-5020	11BA
9JAV	JAVANESE		
9JPN	JAPANESE	A-232-5021, A-232-1530	890D, 09VP
9KAN	KANARESE		
9KAT	GEORGIAN	A-232-5086	048A
9KAZ	KAZAKH		
9KHM	CAMBODIAN	A-232-5084	0487
9KOR	KOREAN	A-232-6010, A-232-5010, A-232-0082	914D, 877Y, 03BF
9KUR	KURDISH		
9LAO	LAO		
9LAV	LATVIAN		
9LIN	LINGALA		
9LIT	LITHUANIAN		
9MAD	MADURESE		
9MAL	MALAYALAM		
9MAR	MARATHI		
9MDH	MAGINDANAON		
9MKD	MACEDONIAN		
9MLY	MALAY		
9MYA	BURMESE		
9NAN	CHINESE-AMOY (SOUTH MIN)		
9NEP	NEPALESE		
9NLD	DUTCH	A-3B-0030	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, K-431-5206	877Z, 914E, 09BV/09U2
9POL	POLISH	A-232-5027*	890K*, 987M*
9POR	PORTUGUESE		
9PRS	PERSIAN-DARI (AFGHAN)	K-431-5216	10D4, 10D5
9PUS	PASHTO	K-431-5024	09C0, 09C1
9QAC	ARABIC-CLASSICAL		
9QAG	ARABIC-GULF		
9QAI	ARABIC-IRAQI	A-232-1350	07KR
9QAJ	ARABIC-JORDANIAN		
9QAL	ARABIC-SYRIAN	A-232-1250, A-232-1280	07KP, 07KT
9QAM	ARABIC-MAGHREBI	A-232-1602	09VH

NEC	LANGUAGE TITLE	CIN	CDP
9QAS	ARABIC-PENINSULA		
9QAY	ARABIC-YEMENI	A-232-1520	09VN
9QBS	VISAYAN OR BISAYAN		
9QGN	GREEK (NEW TESTAMENT)		
9QHN	HINDUSTANI		
9QLB	ARABIC-LEBANESE (LEVANTINE)		
9QLE	LATIN (ECCLESIASTIC)		
9QPB	PORTUGUESE-BRAZILIAN	A-232-5023	890F
9QPE	PORTUGUESE-EUROPEAN		
9QSA	SPANISH-AMERICAN		
9QSC	SPANISH-CREOLE		
9QSE	SPANISH-CASTILLIAN	K-431-5208	09C2, 09C3, 09U4
9QSO	SOTHO		
9QUE	QUECHUA		
9RON	ROMANIAN		
9RUS	RUSSIAN	A-232-5012, A-232-6012, A-232-1850, K-431-5211	878A, 914F, 06T5, 09C8
9SAI	SOUTH AMERICAN		
9SEH	SENA		
9SLK	SLOVAK		
9SLV	SLOVENIAN		
9SND	SINDHI		
9SOM	SOMALI	A-232-6030	737J
9SPA	SPANISH	A-232-0080, A-232-5013, A-232-6013	03BD, 878B, 914G
9SQI	ALBANIAN		
9SRN	TAKI-TAKI		
9SWA	SWAHILI	A-232-1601, K-431-5214	09VG, 09ZW
9SWE	SWEDISH		
9TAM	TAMIL		
9TEL	TELUGU		
9TGK	TADJIK (TAJIK)		
9TGL	TAGALOG	A-232-5015	889D
9THA	THAI	A-232-5029	11B9
9TIR	TIGRINYA		
9TSG	MORO		
9TUR	TURKISH	A-232-5030	890M
9UIG	UIGHUR		
9UKR	UKRAINIAN	A-232-5074	2102
9URD	URDU	A-232-6031	993V
9UZB	UZBEK		
9VIE	VIETNAMESE-HANOI		
9WOL	WOLOF		
9WUU	CHINESE-WU		
9YOR	YORUBA		
9YUE	CHINESE-CANTONESE		

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).

3. Last reviewed during "NAVMAC Periodicity Review" completed 12/4/14.

9ACH-9ZUN - Language Capability (Personnel Only)
Identifies a foreign language in which an individual is proficient.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: 12/6/10 REV Date: 7/5/12	NR Ind: A
Component NEC:	Related NEC:	Open to Women: Yes
Primary Advisor: OPNAV (N13F)	Technical Advisor: NETWARCOM (N17)	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)		

NEC	LANGUAGE TITLE	CIN	CDP
9BDQ	BAHNAR		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9DZO	DZONGKHA		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9ISL	ICELANDIC		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9LUY	LUYIA		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9PAM	PAMPANGAN		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9SCN	ITALIAN-SICILIAN		
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		

NEC	LANGUAGE TITLE	CIN	CDP
9UMB	UMBUNDU OR MBUNDU		
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.

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