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 ESTB Date: REV Date: 7/6/16 NR Ind:
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: Technical Advisor: ECM: OPNAV (N13)

NOTES:
1. Application and removal of NEC 0090 will be performed only by PERS-40BB.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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.

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: 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 Boatswain’s 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: Personnel Paygrades: E3-E8
Course: Mandatory CIN: A-060-0631 CDP: 06HZ
Sequence Code: 6 ESTB Date: REV Date: 8/3/16 NR Ind: R
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: 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 “NAVMAC Periodicity Review” completed 8/3/16.
0121 - NAMTS Rigger/Weight Tester
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level 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 maintenance industrial machinery.

Source Rating: BM, DC, EM, EN, GS, GSE, GSM, HT, MM, MR
Course: JQR, OJT
Sequence Code: 3
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E9
CIN: V-060-0120 (P/L)
ESTB Date: 7/31/13 REV Date: 6/10/16
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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
Course: Mandatory
Sequence Code: 3
Component NEC: Primary Advisor: OPNAV (N95)
Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN: K-062-0055
ESTB Date: 7/31/13 REV Date: 6/10/16
NR Ind: A
Open to Women: Yes
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 assist in docking, undocking, dry-docking, and cold iron moves. Directs use of head, breast and power lines and stern tow makeups. Employs International and Inland Rules of the Road, navigational, visual, and radio communications procedures. Directs the operation and maintenance of engineering plant, deck machinery, firefighting and other emergency equipment. Assists in sea/air rescue and missions of mercy operations. Directs the movement of non-self-propelled Yard Craft within the boundaries of harbors, bays and sounds.

Source Rating: BM, QM
Course: OJT
Sequence Code: 2
Component NEC: Primary Advisor: OPNAV (N95)
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN:
ESTB Date: REV Date: 3/19/12
NR Ind: R
Open to Women: Yes
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.

<table>
<thead>
<tr>
<th>Source Rating: BM</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E9</th>
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<td>Course:</td>
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<td>ESTB Date: REV Date: 3/19/12</td>
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<td>Component NEC:</td>
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<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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 per 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.

<table>
<thead>
<tr>
<th>Source Rating: BM, GM</th>
<th>Billet Paygrades: E4-E6</th>
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<tr>
<td>Course:</td>
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<td>ESTB Date: REV Date: 6/6/12</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVFAC SSPO</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV

Billet Paygrades: E3-E9
CIN: C-050-0500
ESTB Date: 1/1/93
REV Date: 3/19/12
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E9
CDP: 6952, 889Y
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Candidate Prerequisites:
   - 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 waivable 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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N95)

Billet Paygrades: E6-E9
CIN: G-060-0613
ESTB Date: 3/19/12
REV Date: 3/19/12
Related NEC: 0164
Technical Advisor: NAVSEA 05

Personnel Paygrades: E6-E9
CDP: 07UN
NR Ind: A
Open to Women: Yes
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: 005C, 00TA

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: 049H, 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
Course: Mandatory
Sequence Code: 2
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E6-E9
CIN: J-4N-0009
Related NEC: Technical Advisor: NAVSEA
ESTB Date: 3/4/15
REV Date: 09GN
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Secret security clearance required.

0203 - Quartermaster Journeyman
Direct representative of the Navigator and provides a continuous navigational watch on the bridge. Assists the Navigator and Officer of the Deck (OOD) in navigating the ship and will immediately inform the Navigator, OOD, Assistant Navigator, and Senior Quartermaster/Operations Specialist when discrepancies arise. Responsible for maintaining various legal records, logs, weather observations, and obtaining fix information.

Source Rating: QM
Course: Mandatory
Sequence Code: 5
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E6
CIN: A-061-0300
Related NEC: Technical Advisor: NAVSEA PMS 339
ESTB Date: 6/6/17
REV Date: NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Individual must be a QM “A” School graduate, and returning back to a billet for their second sea tour regardless of platform to earn this NEC code.

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
Course: OJT
Sequence Code: 2
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E6-E9
CIN: 7/18/11
ESTB Date: 2/20/16
REV Date: NR Ind: N
Open to Women: Yes
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 “NAVMAC Periodicity Review” completed 2/20/16.
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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
ESTB Date: 10/87
REV Date: 11/7/16
Related NEC:
Technical Advisor: NAVSEA 05 (PMS-461)

Personnel Paygrades: E1-E7
CIN: J-113-1011
Open to Women: Yes
CDP: 0443
NR Ind: A
ECM: BUPERS-32

NOTES:
1. This NEC code may be earned by completion of formal training course J-113-1011. Attendance of formal training course J-113-1011 requires a minimum of 6 months of at-sea experience. A pretest will be administered to evaluate the level of knowledge and areas where individual student remediation can be pre-determined.
2. This NEC code may also be earned via OJT 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 (DTM) and all underlying prerequisite watch stations. OJT based on Commanding Officer’s recommendation. Submit NAVPERS 1221/6 to PERS-4013D2.

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, ETV, FC, MN, OS, QM
Course: Mandatory
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N95)

Billet Paygrades: E5-E7
ESTB Date: 7/21/16
REV Date: 7/21/16
Related NEC: 14TK
Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E7
CIN: K-193-0436
K-062-0120
CDP: 0623, 424K
04SD, 04SE
NR Ind: N
Open to Women: Yes
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. Must be eligible for SECRET security clearance.
3. NEC candidates must be physically qualified for special duty with the Manual of the Medical Department (NAVMED P117).
4. NEC candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
5. Normal color perception required; and 20/20 vision correctable with normal depth perception.
6. Candidate shall attend Navigation fundamentals (A-061-0200) and graduate prior to being enrolled in LCAC Craft Navigator.
7. NEC code will be awarded after completion of Advanced Qualification Training (AQT) and qualification check ride.
8. ETV personnel SHALL NOT perform back to back tours in this NEC code.

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: 5/22/13  
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: 11/7/16  
NR Ind: R  
Component NEC:  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Prerequisites for attendance to formal training course A-221-001 are:

a. Must have 12 months remaining on enlistment.
b. Secret security clearance.
c. Must meet physical fitness standards in accordance with OPNAVINST 6110.1 series.
d. Must meet normal hearing and visual standards.
e. PQS qualified in the following areas - 43311-4 Series (CIC Common Core):
   1. IFF/Identification Operator.
   2. External Communications Operator.
f. Complete SCAC Pre-school Handbook prior to enrollment (to be turned in upon check in).

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: 5/22/13  
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: 2/20/16  
REV Date: 2/20/16  
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 “NAVMAC Periodicity Review” completed 2/20/16.
0336 - Tactical/Mobile (TacMobile) Operations Control (OPCON) Operator
Operates tactical workstations and other computer peripherals associated with the TacMobile network and P-8 family of systems, including communications equipment. Prepares preflight material (via Joint User Mission Planning System (JUMPS) and P-8 Mission Planning software) such as briefs, Defense Message Systems (DMS) messages via Common Message Processor. Conducts flight following via Data Link and voice communications. Maintains the common operational picture (GCCS 4.X and prepares post-flight intelligence dissemination material.

Source Rating: OS  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

NOTE: Secret security clearance required.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)  

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

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 MK1 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: K-221-0124  
REV Date: 5/31/17  
NR Ind: A  
Open to Women: Yes  
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. Prerequisite for attending formal training course K-221-0124: Students must complete the Introduction to Tactical Data Links MNP course (FASW-ITDL-1.3) within 90 days prior to course convening.

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  
Source Rating: CTT  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E3-E7  
Personnel Paygrades: E4-E7  
CIN: A-150-0028  
REV Date: 5/23/17  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Prerequisites for attending formal training course A-150-0028: MNP course, SSDS-MK2 Basic - 1.1 Introduction to the Ship Self-Defense System (SSDS) MK 2 (Series); and CTT students complete the MNP course, CSCS-SSDS-MK2-EW-1.0-EW Management.

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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: 0348  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: A-2G-0114  
REV Date: 2/20/16  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. Specified Watchstanders are E7-E9. E6 Watchstanders are waiverable by Joint Interface Control Officer (JICO).
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.
**0356 - Global Command and Control System-Maritime (GCCS-M) 4.x (Legacy 4.0.x/4.1.x Force Level) Operator**

Performs Joint Services and Navy specific applications and processes. Manages C4I database management functions, communications operations and Force Over-the-Horizon Track Coordinator functions. Maintains the Common Operational Picture and provides input into the Common Tactical Picture at the Unit, Battle Group, Component Commander, Joint and Coalition levels. These functions are performed on the GCCS-M FL 4.1.x and GCCS-M (legacy) 4.0.x systems at both afloat and ashore commands.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E1-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-221-0201</td>
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<tr>
<td>Sequence Code: 3</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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<tr>
<td>Primary Advisor:</td>
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<tr>
<td>Technical Advisor:</td>
<td>NAVCYBERFOR (N13)</td>
</tr>
</tbody>
</table>

**Personnel Paygrades: E1-E9**

**CDP: 09WS, 09WT**

**NR Ind: A**

**Open to Women: Yes**

**ECM: BUPERS-32**

**NOTES:**

1. Secret security clearance required.
2. This NEC code does not apply to GCCS-M Group (or Unit) Level 4.1.

**SONAR TECHNICIAN (STG/STS)**

**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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E3-E9</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
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<tr>
<td>Technical Advisor:</td>
<td>NAVSEA 05</td>
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</tbody>
</table>

**Personnel Paygrades: E3-E9**

**CDP: 06JP**

**NR Ind: N**

**Open to Women: Yes**

**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) Sonar Signal Processing System, AN/SQR-19B(V)1/B(V)3 TACTAS, AN/UYY-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.

<table>
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<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E3-E6</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
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<td>Technical Advisor:</td>
<td>NAVSEA 05 (PMS-411)</td>
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**Personnel Paygrades: E3-E6**

**CDP: 140E**

**091F**

**NR Ind: R**

**Open to Women: Yes**

**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/UYY-25A(V)2 or AN/UYY-25B and the AN/SQS-53B Sonar System.

<table>
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<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E4-E8</th>
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<tr>
<td>Course: Mandatory</td>
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<td>OPNAV(N96)</td>
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<tr>
<td>Technical Advisor:</td>
<td>NAVSEA 05 (PMS-411)</td>
</tr>
</tbody>
</table>

**Personnel Paygrades: E3-E8**

**CDP: 235J**

**091F**

**NR Ind: R**

**Open to Women: Yes**

**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: 4/10/13  NR Ind: N
Component NEC: 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: 7/30/15  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

NOTES:
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: 4/25/12  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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
CIN: A-130-0360 (P/L)
ESTB Date: 5/15/15
Open to Women: Yes
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

Personnel Paygrades: E4-E9
CDP: 769S
NR Ind: R

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
Course: Mandatory
Sequence Code: 4
Component NEC: 0411 or 0511
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E9
CIN: K-130-1149
ESTB Date: 7/31/13
Open to Women: Yes
Technical Advisor: NAVSEA 05 (PMS-411)
ECM: BUPERS-32

Personnel Paygrades: E5-E9
CDP: 378N
NR Ind: R

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
Course: Mandatory
Sequence Code: 3
Component NEC: 7841 or 7842
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E9
CIN: K-210-0529
ESTB Date: 4/1/1986
Open to Women: Yes
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

Personnel Paygrades: E4-E9
CDP: 164X
NR Ind: R

NOTES:
1. 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.
2. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

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
Course: Mandatory
Sequence Code: 5
Component NEC: 0411
Primary Advisor: OPNAV(N96)

Billet Paygrades: E4-E8
CIN: K-130-1134 (P/L)
ESTB Date: 4/1/1989
Related NEC:
Open to Women: Yes
Technical Advisor: NAVSEA 05 (PMS-411)
ECM: BUPERS-32

Personnel Paygrades: E3-E6
CDP: 235M
NR Ind: R

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 code 0501 under its previous requirements will retain the 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
Course: OJT
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: ESTB Date: 7/1994 REV Date: 7/30/15
Related NEC:
Technical Advisor: OPNAV (N97)

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: AW, AWO, STG, STS
Course: OJT
Sequence Code: 3
Component NEC: 0551 or 0553
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN: ESTB Date: 2/8/17 REV Date: 2/8/17
Related NEC:
Technical Advisor: PMS-485

NOTES:
1. Personnel must successfully complete on the job training and receive board qualification at Commander Undersea Surveillance for award of this NEC code.
2. Member must be qualified as a Tactical Coordinator and complete the IUSS Master Analyst Qualification Card.
3. NEC code for Source Rating AW (E9) only applies to SELRES billets and personnel.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

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
Course: Mandatory
Sequence Code: 5
Component NEC:
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: ESTB Date: 4/25/12 REV Date: 4/25/12
Related NEC:
Technical Advisor: NAVSEA 05 (PMS-411)

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
Course: Mandatory
Sequence Code: 5
Component NEC: 0511
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7
Personnel Paygrades: E3-E6
CIN: A-130-0052 (P/L)
Related NEC:
Technical Advisor: NAVSEA 05 (PMS-411)

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  
Sequence Code: 5  
ESTB Date:  
REV Date: 4/25/12  
Component NEC:  
Related NEC: 0411, 0508  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-411)  
CDP: 342P  
NR Ind: N  
Open to Women: Yes  
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  
Sequence Code: 5  
ESTB Date:  
REV Date: 3/13/15  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
CDP: 199N  
NR Ind: R  
Open to Women: Yes  
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  
Sequence Code: 4  
ESTB Date:  
REV Date: 3/13/15  
Component NEC:  
Related NEC: 0530  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
CDP: 06RA, 06RB, 06RC, 07XO  
750U  
NR Ind: N  
Open to Women: Yes  
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  
Sequence Code: 4  
ESTB Date:  
REV Date: 3/13/15  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
CDP: 02EW  
00CD  
00CE  
NR Ind: R  
Open to Women: Yes  
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, shutdown and reconfigurations during tactical situations as instructed by the Sonar Supervisor.

Source Rating: STG  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
Billet CIN: A-130-0338  
Personnel CIN: A-130-0338  
Sequence Code: 4  
REV Date: 8/12/14  
Related NEC: 0524  
Technical Advisor: NAVSEA 05  
NR Ind: R  
Open to Women: Yes  
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  
Billet CIN: A-130-0043 (P/L)  
Personnel CIN: A-130-0043 (P/L)  
Sequence Code: 4  
REV Date: 7/17/14  
Related NEC: 0521  
Technical Advisor: NAVSEA 05  
NR Ind: R  
Open to Women: Yes  
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  
Billet CIN: A-130-1165  
Personnel CIN: A-130-1165  
Sequence Code: 4  
REV Date: 8/12/14  
Related NEC: 0527  
Technical Advisor: NAVSEA 05  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

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

0524 - AN/SQQ-89A(V)15/(V)15 EC204 Surface Ship USW Combat Systems Sensor 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  
Billet CIN: A-130-0061  
Personnel CIN: A-130-0061  
Sequence Code: 4  
REV Date: 5/4/17  
Related NEC: 0524  
Technical Advisor: NAVSEA 05  
NR Ind: R  
Open to Women: Yes  
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 preventative maintenance procedures as delineated in prescribed maintenance requirements documentation.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E4-E8</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-130-0040 (P/L)</td>
<td>CDP: 09W1</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 10/04</td>
<td>REV Date: 7/17/14</td>
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<tr>
<td>Component NEC: 0524</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E4-E7</th>
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<td>Course: Mandatory</td>
<td>CIN: A-130-0063</td>
<td>CDP: 02VX</td>
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<td>ESTB Date: 10/04</td>
<td>REV Date: 8/12/14</td>
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<td>Component NEC: 0450, 0524</td>
<td>Related NEC:0466, 0523</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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-10/12/14/16 Operator/Maintainer

Operates and performs organizational level maintenance on all assigned AN/BQQ-10(V) TI-10/12/14/16 Sonar Systems. Conducts preventative maintenance and troubleshooting analysis to isolate and repair system faults and failures.

<table>
<thead>
<tr>
<th>Source Rating: STS</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E4-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-130-0411</td>
<td>CDP: 09LR, 09LS, 09LT, 09LU, 09LV</td>
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<td>A-130-0416</td>
<td>13MX, 13MY, 13MZ</td>
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<td>ESTB Date: 12/14/11</td>
<td>REV Date: 2/22/16</td>
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<td>Component NEC:</td>
<td>Related NEC: 0518</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N97)</td>
<td>Technical Advisor: NAVSEA</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

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 Management 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 maritime formatted messages; the employment of a tactical and sensor data link with organic aircraft; and the mission and aircrew support functions 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: 5/15/13 REV Date: 12/9/16 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:
2. NEC code may be awarded to individuals who have completed AN/SQQ-34V2 In-Service Engineering Agent Factory Training.
3. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

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: 5/10/13 REV Date: 9/9/13 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:
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.

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: Open to Women: Yes

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 0505 or 0550  
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)/(N98)

Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
CIN: A-130-0505  
ESTB Date: 12/4/12  
REV Date:  
NR Ind: N  
Open to Women: Yes  
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 utilizing the LFA/CLFA sensors; conducts marine mammal mitigation; and generates in-situ modeling of the ocean acoustics for optimized sensor performance.

Source Rating: STG  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 0505 OR 0550  
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)

Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E9  
CIN: A-130-0504  
ESTB Date: 12/4/12  
REV Date:  
NR Ind: N  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: 0552  
Primary Advisor: OPNAV (N2/N6)/(N96)/(N97)

Billet Paygrades: E7-E9  
Personnel Paygrades: E6-E9  
CIN: A-130-0507  
ESTB Date: 12/4/12  
REV Date:  
NR Ind: N  
Open to Women: Yes  
Technical Advisor: PEO LMW PMS 485  
ECM: PERS-32

NOTE: Secret security clearance 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 0552  
Primary Advisor: OPNAV(N96)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E9  
CIN: A-123-0174  
ESTB Date: 6/6/12  
REV Date:  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

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

0802 - MK 60 GMS Fleet and Shore Based Systems Technician
Perform preventive and corrective maintenance on the MK 60 Griffin Missile System (GMS) equipment and associated components. Perform test and alignments on the MK 60 GMS at the organizational level utilizing maintenance and operational supported publications.

Source Rating: GM  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 0552  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: S-041-0006  
ESTB Date: 4/25/16  
REV Date:  
NR Ind: A  
Open to Women: Yes  
Technical Advisor: NAVSEA 05H  
ECM: BUPERS-32

NOTE: Secret security clearance required.
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.

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9

Course: Mandatory
CIN: A-041-0148
ESTB Date: REV Date: 3/7/17
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Personnel holding 532X or 533X series NEC codes may be awarded this NEC code 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 additional Source Ratings other than AO, AW, AWR, AW, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MM, MN, ND, SB, SO, STG, SW, and UT, this NEC code may be awarded to personnel but will not be used to identify additional Source Ratings on billets.
4. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

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.

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9

Course: Mandatory
CIN: A-830-2215
ESTB Date: REV Date: 3/7/17
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. For all additional Source Ratings other than AO, AW, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MM, MN, ND, SB, SO, STG, SW, and UT, this NEC code may be awarded to personnel but will not be used to identify additional Source Ratings on billets.
2. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

0857 - 25mm Machine Gun System (MGS) MK38 MOD Gun Weapon System (GWS) Technician
Operates and maintains the 25mm MGS MK38 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: E3-E6
Personnel Paygrades: E3-E6

Course: Mandatory
CIN: A-041-0004
ESTB Date: REV Date: 3/7/17
NR Ind: A
Open to Women: Yes
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 ratings in addition to AO, FC, and GM are also eligible to be awarded NEC code 0857 with Commanding Officer’s endorsement. Ratings other than AO, FC and GM 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  
**Course:** Mandatory  
**Sequence Code:** 4  
**Component NEC:**  
**Primary Advisor:** OPNAV (N96)

**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.

**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  
**Course:** Mandatory  
**Sequence Code:** 3  
**Component NEC:**  
**Primary Advisor:** OPNAV (N96)

**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  
**Course:** Mandatory  
**Sequence Code:** 4  
**Component NEC:**  
**Primary Advisor:** OPNAV (N96)

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

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  
**Course:** Mandatory  
**Sequence Code:** 4  
**Component NEC:** 0981  
**Primary Advisor:** OPNAV (N96)

**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: 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.

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: 2/17/16  
NR Ind: N  
Component NEC: 1120, 1139, 1146, 1116  
Related NEC: Open to Women: Yes  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:  
1. Secret security clearance required.  
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-4208</td>
<td>CDP: 09MP</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 4/10/2012 REV Date: 3/7/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 1111 or 1144</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV(N96)</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

### 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-4000 (P/L)</td>
<td>CDP: 09MR</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 3/14/2012 REV Date: 3/7/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 1113 or 1119</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV(N96)</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

### 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-4001 (P/L)</td>
<td>CDP: 09NO</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 3/7/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 1114 or 1143</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

### 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-4001</td>
<td>CDP: 09NO</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 3/7/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 1148</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.
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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: A-121-0058
ESTB Date: 8/10/12 REV Date: 3/7/17
NR Ind: R
Open to Women: Yes
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 in A 121-0058/10KY and awarding of 1097 NEC code.
2. Secret security clearance required.

FIRE CONTROL MAN

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: S-121-0548
ESTB Date: REV Date: 3/7/17
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Secret security clearance required.

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: FCA
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Billet Paygrades: E4-E7
Personnel Paygrades: E1-E9
CIN: A-150-0935 (P/L)
ESTB Date: REV Date: 3/7/17
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Secret security clearance required.

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E8
CIN: A-113-2103
CIN: A-113-0046
ESTB Date: REV Date: 11/4/14
NR Ind: R
Open to Women: Yes
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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CIN: A-150-0062 (P/L)  
ESTB Date: REV Date: 3/7/17  
Related NEC:  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
ECM: BUPERS-32

NOTE: Secret security clearance required.

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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: A-121-0057 (P/L)  
ESTB Date: REV Date: 3/7/17  
Related NEC:  
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: A-104-0062(P/L)/12J4 is a prerequisite to attend A-121-0057/10KX and awarding of this NEC code.
2. Secret security clearance required.

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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CIN: A-104-0063 (P/L)  
ESTB Date: REV Date: 3/7/17  
Related NEC:  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
ECM: BUPERS-32

NOTE: Secret security clearance required.

1114 - AEGIS Fire Control System MK-99/Operational Readiness Test System/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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CIN: A-104-0061 (P/L)  
ESTB Date: REV Date: 3/7/17  
Related NEC:  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
ECM: BUPERS-32

NOTE: Secret security clearance required.
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, 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
Course: Mandatory
Sequence Code: 4
Component NEC: related NEC: 1146, 1120, 1139
Primary Advisor: OPNAV (N96)

NOTES:
1. Secret clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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: FCA
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 1146, 1120, 1139
Primary Advisor: OPNAV (N96)

NOTE: Secret security clearance required.

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 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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC: 1116, 1139, 1146
Primary Advisor: OPNAV (N96)

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.

Source Rating: FC
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC: 1116, 1139, 1146
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 5
Component NEC: 1121
Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E9
CIN: A-113-0026
A-113-0043
ESTB Date: REV Date: 10/11/12
Related NEC: Open to Women: Yes
Technical Advisor: NAVSEA 05
NR Ind: N
CDP: 663P, 02VS
08FS, 08FT
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E9
Personnel Paygrades: E1-E9
CIN: A-121-0015
ESTB Date: REV Date: 4/23/12
Related NEC: 1332
NR Ind: N
Technical Advisor: NAVSEA 05
CDP: 627J, 981T
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E8
Personnel Paygrades: E3-E9
CIN: A-113-0126
ESTB Date: REV Date: 2/2/12
Related NEC: 1116, 1146
NR Ind: R
Technical Advisor: NAVSEA 05
CDP: 582L
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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-104-0206
ESTB Date: REV Date: 2/17/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVSEA 05
NR Ind: R
CDP: 574U
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.
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: FCA  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: 3/7/17  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

NOTE: Secret security clearance required.

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: FCA  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: 3/7/17  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

NOTE: Secret security clearance required.

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:  Related NEC:  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  
Course: Mandatory  
CIN:  
Sequence Code:  
Component NEC:  
Primary Advisor: OPNAV(N96)  

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CDP: 574T  
ESTB Date:  
Related NEC:  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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: FCA  
Course: Mandatory  
CIN:  
Sequence Code:  
Component NEC:  
Primary Advisor: OPNAV(N96)  

Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CDP: 11FN  
ESTB Date:  
Related NEC:  
Open to Women: Yes  
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-104-4005/12ZL difference course.
2. Secret security clearance required.

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  
Course: Mandatory  
CIN:  
Sequence Code:  
Component NEC:  
Primary Advisor: OPNAV(N96)  

Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CDP: 591D  
ESTB Date:  
Related NEC:  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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  
Course: Mandatory  
CIN:  
Sequence Code:  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CDP: 647L, 00A0  
ESTB Date:  
Related NEC:  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

1156 - NATO Sea Sparrow Surface Missile System (NSSMS) MK 57 Mods 10 and Above
Performs preventive and corrective maintenance on the redesigned 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  
Course: Mandatory  
CIN:  
Sequence Code:  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CDP: 00EV  
ESTB Date:  
Related NEC:  
Open to Women: Yes  
Technical Advisor: NAVSEA 05 (PMS-471)  
ECM: BUPERS-32
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: 2/17/16  
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

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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.

Source Rating: FC  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E8

Course: Mandatory  
CIN: A-150-0006  
CDP: 5396

Sequence Code: 4  
ESTB 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 fulfills 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:  
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

Sequence Code: 5  
ESTB Date: 2/17/16  
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 2/17/16.
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: 6/1/15  
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: 03KA
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: 2/17/16  
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 “NAVMAC Periodicity Review” completed 2/17/16.

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: 06JR
A-647-2756  
06JT
Sequence Code: 5  
ESTB Date: 10/97  
REV Date: 2/17/16  
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 “NAVMAC Periodicity Review” completed 2/17/16.

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: 06JR
A-647-2756  
06JT
Sequence Code: 4  
ESTB Date: 10/11/12  
REV Date: 10/11/12  
NR Ind: A
Component NEC: Related NEC:  
Open to Women: Yes
Primary Advisor: OPNAV (N95)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32
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
Course: Mandatory
Sequence Code: 3
Component NEC: 1213
Primary Advisor: OPNAV (N95)

Billet Paygrades: E4-E7
Personnel Paygrades: E2-E8
ESTB Date: 7/98
REV Date: 8/8/12
Related NEC:
Open to Women: Yes

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
Source Rating: ET, STG, OS
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)

Billet Paygrades: E3-E7
Personnel Paygrades: E2-E8
ESTB Date: 7/98
REV Date: 8/8/12
Open to Women: Yes

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)

Billet Paygrades: E4-E7
Personnel Paygrades: E1-E8
ESTB Date: 10/09
REV Date: 2/17/16
Open to Women: Yes

NOTES:
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 1214
Primary Advisor: OPNAV (N95)

Billet Paygrades: E4-E7
Personnel Paygrades: E1-E8
ESTB Date: 10/09
REV Date: 2/17/16
Open to Women: Yes

NOTES:
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: A-113-0003
ESTB Date: REV Date: 3/13/15
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: A-113-0205
ESTB Date: REV Date: 9/9/16
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 6
Component NEC: Related NEC:
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: A-113-0201
ESTB Date: REV Date: 6/1/15
Open to Women: Yes
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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV(N96)

Billet Paygrades: E4-E7
Personnel Paygrades: E1-E9
CIN: A-150-0929 (P/L)
ESTB Date: REV Date: 3/7/17
Open to Women: Yes
ECM: BUPERS-32

NOTE: Secret security clearance required.

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E8
Personnel Paygrades: E4-E8
CIN: A-113-0202
ESTB Date: REV Date: 9/9/16
Open to Women: Yes
ECM: BUPERS-32

NOTE: Secret security clearance required.
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, FCA, 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: 3/7/17  NR Ind: A
Component NEC:  Related NEC: Open to Women: Yes
Primary Advisor: OPNAV(N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

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: FCA  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: 3/7/17  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

NOTE: Secret security clearance required.

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: 2/17/16  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 “NAVMAC Periodicity Review” completed 2/17/16.
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, FCA  
Course: Mandatory  
CIN: S-150-1001  
ESTB Date: REV Date: 3/7/17  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-465)  
Personnel Paygrades: E4-E6  
CDP: 3013  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

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  
Course: Mandatory  
CIN: A-113-0162  
ESTB Date: REV Date: 10/13/15  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E4-E6  
CDP: 316K  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
CIN: A-113-0133  
A-100-0312  
ESTB Date: REV Date: 3/13/15  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E1-E9  
CDP: 986E  
8162  
NR Ind: N  
Open to Women: Yes  
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  
Course: Mandatory  
CIN: A-113-0002 (P/L)  
A-113-0006 (P/L)  
ESTB Date: REV Date: 3/13/15  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E6-E9  
CDP: 313P  
993B  
02EZ  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
CIN: A-150-0037  
A-113-0204  
A-113-0006 (P/L)  
ESTB Date: REV Date: 6/1/15  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E5-E7  
CDP: 00CD  
993B  
02EZ  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 6/1/15.
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  
Course:  
Sequence Code: 3  
Component NEC: 1136  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E7-E9  
Personnel Paygrades: E6-E9  
CIN:  
ESTB Date: 10/1/1996  
REV Date: 1/24/14  
Related NEC:  
Technical Advisor: NAVSEA 05  
NR Ind: R  
Open to Women: Yes  
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  
   b. OTH-T C4I Course  CIN: K-2G-0127  
   c. C4I Systems Engineering Course  CIN: K-121-0181  
      or  
   d. TTWS-E Course  CIN: K-221-0165

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

4. 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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CIN: A-150-0930 (P/L)  
ESTB Date: 3/7/17  
REV Date: 3/7/17  
Related NEC:  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Secret security clearance required.

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

Source Rating: FCA  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
CIN: A-104-0071 (P/L)  
ESTB Date: 3/7/17  
REV Date: 3/7/17  
Related NEC:  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Secret security clearance required.
1339 - AEGIS Computer Network Technician BL 7.2B
Performs preventive and corrective maintenance for the ADS MK6 and UYQ-70 Display System Baseline 7, DDG-103-112 AEGIS Destroyers.

Source Rating: FCA  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: 3/7/17  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

NOTE: Secret security clearance required.

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: FCA  Billet Paygrades: E7-E9  Personnel Paygrades: E7-E9
Course: Mandatory  CIN: S-121-0547  CDP: 198N
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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. 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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-104-0062 (P/L)  CDP: 12J4
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-104-0062 (P/L)  CDP: 12J4
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1144
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
Calendar Date: 3/7/17
Personnel Paygrades: E5-E9
CIN: A-104-0062 (P/L)
Component NEC: Related NEC: 1144
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.

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1322
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
Calendar Date: 3/7/17
Personnel Paygrades: E5-E9
CIN: A-104-0062 (P/L)
Component NEC: Related NEC: 1322
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.

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1345
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7
Calendar Date: 3/7/17
Personnel Paygrades: E1-E9
CIN: A-150-0932 (P/L)
Component NEC: Related NEC: 1345
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.

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(V9) 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
Course: Mandatory
Sequence Code: 4
Component NEC: 1346
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Calendar Date: 6/1/2012
Personnel Paygrades: E3-E8
CIN: A-113-0381
Component NEC: Related NEC: 1346
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-1(V) TI-12/14 Combat Control Systems. Conducts preventive maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: FT
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 1316
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E3-E8
CIN: A-113-0342
ESTB Date: 3/25/14 REV Date: 9/9/16
Component NEC: Related NEC: 1316
Primary Advisor: OPNAV (N97)

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, FCA
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC: 1325
Primary Advisor: OPNAV (N2/N6)

Personnel Paygrades: E3-E6
CIP: A-150-9010
ESTB Date: 6/16/14 REV Date: 3/7/17
Component NEC: Related NEC: 1325
Primary Advisor: OPNAV (N2/N6)

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1351, 1352, 1355
Primary Advisor: OPNAV (N96)

Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: S-121-0005
ESTB Date: REV Date: 3/7/17
Component NEC: Related NEC: 1325
Primary Advisor: OPNAV (N96)

NOTE: Secret security clearance required.

1351 - AEGIS Weapon System MK-7 (BL6) 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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1119 or 1337
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
Personnel Paygrades: E5-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 3/7/17
Component NEC: Related NEC: 1325
Primary Advisor: OPNAV (N96)

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.

1351 - AEGIS Weapon System MK-7 (BL6) 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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1119 or 1337
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
Personnel Paygrades: E5-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 3/7/17
Component NEC: Related NEC: 1325
Primary Advisor: OPNAV (N96)

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.
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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1143
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 3/7/17
Related NEC: Open to Women: Yes
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12J7
NR Ind: N
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.

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1143 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 3/7/17
Related NEC: Open to Women: Yes
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12J7
NR Ind: R
ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-150-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1104
Primary Advisor: OPNAV (N96)

Billet Paygrades: E7-E9
CIN: S-121-0700
ESTB Date: 1/7/15 REV Date: 3/7/17
Related NEC: Open to Women: Yes
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E7-E9
CDP: 10YV, 10YW
NR Ind: R
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 (BL 7) 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: FCA  Billet Paygrades: E7-E9  Personnel Paygrades: E7-E9
Course: Mandatory  CIN: A-121-0594 (P/L)  CDP: 12X2
Sequence Code: 3  ESTB Date: REV Date: 3/7/17  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.

1361 - AEGIS Weapon System MK-7 Technician (BL7)/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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0594 (P/L)  CDP: 12X2
Sequence Code: 3  ESTB Date: REV Date: 3/7/17  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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0594 (P/L)  CDP: 12X2
Sequence Code: 3  ESTB Date: REV Date: 3/7/17  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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0594 (P/L)  CDP: 12X2
Sequence Code: 3  ESTB Date: REV Date: 3/7/17  NR Ind: R
Component NEC: 1144 or 1138 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-150-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.
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: FCA  Billet Paygrades: E7-E9  Personnel Paygrades: E7-E9
Course: Mandatory  CIN:  CDP: 04RG
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0200  CDP: 04RG
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0200  CDP: 04RG
Sequence Code: 3 or 1148  ESTB Date:  REV Date: 3/7/17  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.

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: FCA  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0200  CDP: 04RG
Sequence Code: 3  ESTB Date:  REV Date: 3/7/17  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.
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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 1381 or 1382 or 1385  
Primary Advisor: OPNAV (N96)
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Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
CIN: A-150-4219 (P/L)  
CDP: 12CV  
ESTB Date: 2/9/12  
REV Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
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 attending A-150-4219(P/L)/12CV course and earn this NEC code.

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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 1093 or 1113 or 1119 or 1337 or 1387 or 1388  
Primary Advisor: OPNAV (N96)
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Billet Paygrades: E6-E9  
Personnel Paygrades: E5-E9  
CIN: A-150-4219 (P/L)  
CDP: 12CV  
ESTB Date: 2/9/12  
REV Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
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-150-4219(P/L)/12CV course and earn this NEC code.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

1382 - AEGIS Weapon System (AWS) Technician Baseline 9A/AEGIS Fire Control System MK-99 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: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 1143 or 1148  
Primary Advisor: OPNAV (N96)
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Billet Paygrades: E6-E9  
Personnel Paygrades: E5-E9  
CIN: A-150-4219 (P/L)  
CDP: 12CV  
ESTB Date: 2/9/12  
REV Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
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-150-4219(P/L)/12CV course and earn this NEC code.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386
Primary Advisor: OPNAV (N96)

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-150-5300/09XM is required.
2. Secret security clearance required.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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 Distribution 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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N96)

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-150-9019/12LU.

3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-9028(P/L)12M8 or the A-150-9030/12MA difference course and earn this NEC code.

1387 - AEGIS AN/SPY-1 Radar System Baseline 9C BMD 5.0 Technician

Performs preventive and corrective maintenance on the (SPY-ID) B/L 9C Radar System and associated components following the Baseline 9 Destroyer (DDG 51-78) modernization program 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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N96)

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 difference course CIN/CDP: A-150-9030/12MA 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-150-9028 (P/L)/12M8 or the A-150-9030/12MA difference course and earn this NEC code.
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 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: FCA       Billet Paygrades: E4-E7       Personnel Paygrades: E1-E9
Course: Mandatory       CIN: A-150-9031 (P/L)       CDP: 12MB
Sequence Code: 3        ESTB Date: 2/2/12       REV Date: 3/7/17       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-150-9029/12M9 difference course.

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: FCA       Billet Paygrades: E7-E9       Personnel Paygrades: E7-E9
Course: Mandatory       CIN: A-150-4222 (P/L)       CDP: 12CY
Sequence Code: 2        ESTB Date: 2/9/12       REV Date: 3/7/17       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-150-4222 (P/L)/12CY 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-150-4222 (P/L)/12CY 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.

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: FCA       Billet Paygrades: E6-E9       Personnel Paygrades: E5-E9
Course: Mandatory       CIN: A-150-4222 (P/L)       CDP: 12CY
Sequence Code: 3        ESTB Date: 2/9/12       REV Date: 3/7/17       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-150-4222 (P/L)/12CY 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-150-4222 (P/L)/12CY course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
1392 - AEGIS Weapon System (AWS) Technician Baseline 9C AEGIS Fire Control System MK-99 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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1143 or 1148
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
CIN: A-150-4222 (P/L)
ESTB Date: 2/9/12 REV Date: 3/7/17
Related NEC: 1342, 1352, 1362, 1372
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12CY
NR Ind: R
Open to Women: Yes
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-150-4222 (P/L)/12CY 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-150-4222 (P/L)/12CY course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: 1144 or 1318 or 1322 or 1335 or 1339 or 1345 or 1386
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
CIN: A-150-4222 (P/L)
ESTB Date: 2/9/12 REV Date: 3/7/17
Related NEC: 1385
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12CY
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes 1322 or 1144, ACNT difference course A-150-5300/09XM is required.
2. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4222 (P/L)/12CY course for awarding NEC code1395.
3. Secret security clearance required.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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
Course:
Sequence Code: 9
Component NEC:
Primary Advisor: COMNAVSURFOR

Billet Paygrades: E5-E9
CIN: CDP:
ESTB Date: 4/11/14 REV Date: NR Ind: N
Related NEC: Open to Women: Yes
Technical Advisor: PERS-4

Personnel Paygrades: E5-E9
CDP:
NR Ind: R
Open to Women: Yes
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  Course: Mandatory  Billet Paygrades: E3-E7
Course: Mandatory  CIN: A-101-0011  Personnel Paygrades: E3-E7
Sequence Code: 4  CDP: 9387
ESTB Date:  REV Date: 9/9/15  NR Ind: R
Component NEC: Related NEC: 1405, 1406
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)

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

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  Course: Mandatory  Billet Paygrades: E3-E7
Course: Mandatory  CIN: A-101-0147  Personnel Paygrades: E3-E7
Sequence Code: 4  CDP: 651H, 651G
ESTB Date:  REV Date: 8/29/14  NR Ind: R
Component NEC: Related NEC: 1403, 1406
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)

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  Course: Mandatory  Billet Paygrades: E3-E7
Course: Mandatory  CIN: A-101-0145  Personnel Paygrades: E3-E9
Sequence Code: 4  CDP: 651D, 651E
ESTB Date:  REV Date: 8/29/14  NR Ind: R
Component NEC: Related NEC: 1403, 1405
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)

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  Course:  Billet Paygrades: E4-E7
Sequence Code: 5  CIN:  Personnel Paygrades: E4-E7
ESTB Date:  REV Date: 11/6/15  CDP:
Component NEC: Related NEC: 1570  NR Ind: A
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR

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
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

Source Rating: CTT, CTM, CTR, ET, FC, IC, IT  Billet Paygrades: E5-E7  Personnel Paygrades: E5-E7
IT  CIN: A-101-0250  CDP: 187D
Course: Mandatory  ESTB Date:  REV Date: 6/10/16   NR Ind: R
Sequence Code: 3  Component NEC:  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVSEA 05H, SPAWAR 59440  ECM: BUPERS-32

NOTES:
1. E3 and E4 personnel who have previously completed the required course of instruction may submit NAVPERS 1221/6 to PERS-4013 to be awarded this NEC code once the rank of E5 is attained.
2. Last reviewed during “ET HPRR” completed 6/10/16.

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/URF-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  
Course: Mandatory  
CIN: A-101-0209  
Sequence Code: 4  
ESTB Date:  
REV Date: 8/8/12  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N96)  
Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)  
Personnel Paygrades: E3-E7  
CDP: 073E, 452P  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

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

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

Source Rating: ET  
Billet Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0138  
Sequence Code: 4  
ESTB Date:  
REV Date: 8/8/12  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 4323, 452L  
NR Ind: R  
Open to Women: Yes  
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 electronic systems installed on small combatants. Equipment includes: NAVMACS II systems (AN/SLQ-7(AV), AN/SYQ-7B, AN/SYQ-7B(V) PC Variant, AN/SYQ-26(V)1, 2, 3, & 4 (SMS), and AN/SYQ-26(V)7 TMS systems, WSC-3, VRC-46, AN/URT-23, AN/URA-38 antenna coupler and R2368A/URR LF/MF/HF receivers.

Source Rating: ET  
Billet Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0138  
Sequence Code: 4  
ESTB Date:  
REV Date: 6/27/16  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)  
Personnel Paygrades: E3-E7  
CDP: 452T  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 6/27/16.

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  
Course: Mandatory  
CIN: A-101-0210  
Sequence Code: 4  
ESTB Date:  
REV Date: 9/16/14  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E7  
CDP: 452R  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

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

1430 - AN/USC-38(V) 9, 10 Maintenance Technician
Performs start-up, initialization, shutdown, emergency procedures, equipment checkouts, alignment procedures and preventative and corrective maintenance, calibration, and assembly on the AN/USC-38(V) 9, 10 (Ship and Shore) Follow-on Terminal (FOT).

Source Rating: ET  
Billet Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0269  
Sequence Code: 4  
ESTB Date:  
REV Date: 12/14/16  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 213A, 390D  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 12/14/16.
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 (V3), 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: 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)

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 - TacMobile Maintenance System Technician
Performs operational and maintenance of Maritime Patrol and Reconnaissance Aircraft Weapon System’s TacMobile Systems at the organizational level in support of P-3C, P-8 Poseidon, MQ-4 Triton and associated family of systems missions. The pipeline is TacMobile specific.

Source Rating: ET  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E9
Course: Mandatory  CIN: C-102-0137 (P/L)  CDP: 10R2
Sequence Code: 3  ESTB Date: 6/14/10  REV Date: 9/16/16  NR Ind: A
Component NEC:  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N98)  Technical Advisor: SPAWAR PMW-750  ECM: BUPERS-32

NOTE: Secret Security Clearance required.

1460 - Limited Communications Security (COMSEC) Maintenance Technician
Performs organizational level maintenance on AN/USC-43, KIV-7, KG-175, KW-46, KY-58, and PYQ-10 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 (BITE), and Special and General Purpose Electronic Test Equipment (SPETE/GPETE) as required.

Source Rating: ET, CTM  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Sequence Code: 4  ESTB Date: 4/17/17  REV Date: 4/17/17  NR Ind: A
Component NEC:  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVSEA 05, SPAWAR, NAVIFOR (N7/N1)  ECM: OPNAV (N132D5)

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: 8/8/12  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  
Course: Mandatory  
CIN: A-102-0239  
Sequence Code: 5  
ESTB Date: REV Date: 8/8/12  
Component NEC: Related NEC:  
Primary Advisor: OPNAV(N96)  
Technical Advisor: SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 4256, 452Z  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
CIN: A-160-0125 (P/L)  
Sequence Code: 4  
ESTB Date: REV Date: 8/8/12  
Component NEC: 1460  
Related NEC:  
Primary Advisor: OPNAV(N2/N6)  
Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)  
Personnel Paygrades: E3-E7  
CDP: 390K, 453X  
NR Ind: R  
Open to Women: Yes  
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 SP5-55 radar, radar repeaters, URN-25 TACAN.

Source Rating: ET  
Billet Paygrades: E4-E7  
Course: Mandatory  
CIN: A-102-0295 (P/L)  
Sequence Code: 4  
ESTB Date: REV Date: 8/7/12  
Component NEC: 1471 and 1504  
Related NEC:  
Primary Advisor: OPNAV(N96)  
Technical Advisor: NAVSEA 05, SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 066J, 453B  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

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

1493 - Tactical Support Communications (TSCOMM) Replacement Program Maintenance Technician
Performs operational and maintenance of Maritime Patrol and Reconnaissance Aircraft Weapon System’s TacMobile Systems at the organizational level in support of P-3C, P-8 Poseidon, MQ-4 Triton and associated family of systems missions. Specifically performs organizational level maintenance on the TSCOMM system and subsystem equipment, including line of sight and satellite transceivers, receivers, modems, computers, voice terminals, switches, and Data Links. Performs limited maintenance on associated Communications Security (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  
Course: Mandatory  
CIN: C-101-0817  
Sequence Code: 4  
ESTB Date: REV Date: 9/16/16  
Component NEC: 1460  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 702X  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Secret security clearance required.

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  
Course: Mandatory  
CIN: A-101-0234  
Sequence Code: 4  
ESTB Date: REV Date: 4/6/15  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 577P  
NR Ind: N  
Open to Women: Yes  
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: 000BS, 000BR
Sequence Code: 4  ESTB Date: 12/13/15  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.

Course: Mandatory  CIN: A-101-0019  CDP: 07LL
or  W-101-1116  000W
Sequence Code: 4  ESTB Date: 9/9/16  REV Date: 9/9/16  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-101-0017 (P/L)  CDP: 10F0
or  A-233-0008 and A-233-0106 and A-102-0388  5234 and 768S and 09PM
Sequence Code: 4  ESTB Date: 12/13/15  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.

Course: Mandatory  CIN: A-101-0091 (P/L)  CDP: 305Y
Sequence Code: 3  ESTB Date: 12/13/15  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  A-102-0403 and A-233-0040  3256 and 593X, 4351
Sequence Code: 3  ESTB Date: 12/13/15  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**
Perform troubleshooting and maintenance on Navigation, Radar, Ship Control, Interior Communications, and other selected electronic equipment found on SSGN submarines.

<table>
<thead>
<tr>
<th>Source Rating: ETV</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0415 and A-102-0007</td>
<td>CDP: 04R1 and 3027</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 12/13/15</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC: 14NO or 14XO</td>
<td>Related NEC: 14NM, 14NP, 14TK, 14XM</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N97)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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**
Perform 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).

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

**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.

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

**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 monitoring 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-100-0313</td>
<td>CDP: 8164</td>
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<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date: REV Date: 12/13/15</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N97)</td>
<td>Technical Advisor: NAVSEA 05</td>
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<td>ECM: BUPERS-32</td>
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</tbody>
</table>

**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/WRN-6, AN/BPS-15(H), Digital Depth Detector, AN/WIC, Central Atmosphere Monitoring System Mark II, Digital Electromagnetic Log, and Ship Control system maintenance.

<table>
<thead>
<tr>
<th>Source Rating: ETV</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E4-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0130</td>
<td>CDP: 04HH</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 12/13/15</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N97)</td>
<td>Technical Advisor: NAVSEA 05</td>
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<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
14NV - SSN/SSBN Asssitant 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
Course: Mandatory
Sequence Code: 2
Component NEC: 14NO
Primary Advisor: OPNAV (N97)

Billet Paygrades: E7-E9
Personnel Paygrades: E6-E9
CIN: A-061-0029
ESTB Date: 12/13/15
Component NEC: 14NO
Related NEC: 
Technical Advisor: NAVSEA 05
CDP: 735X
Open to Women: Yes
NR Ind: R

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
Course: Mandatory
Sequence Code: 6
Component NEC: OPNAV(N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-102-0391 (P/L)
ESTB Date: 12/13/15
Component NEC: Related NEC: 
Technical Advisor: NAVSEA 05
CDP: 768J
Open to Women: Yes
NR Ind: R

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: ETR
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV(N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E7
Personnel Paygrades: E4-E9
CIN: A-102-0255
ESTB Date: 12/13/15
Component NEC: Related NEC: 
Technical Advisor: NAVSEA 05
CDP: 02UF
Open to Women: Yes
NR Ind: N

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

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

Source Rating: ETR
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV(N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: A-101-0730
ESTB Date: 12/13/15
Component NEC: Related NEC: 
Technical Advisor: NAVSEA 05
CDP: 654B
Open to Women: Yes
NR Ind: N

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

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

Source Rating: ETR
Course: Mandatory
Sequence Code: 6
Component NEC: OPNAV(N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: A-101-0726
ESTB Date: 12/13/15
Component NEC: Related NEC: 
Technical Advisor: NAVSEA 05
CDP: 385A
Open to Women: Yes
NR Ind: N

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: ETR
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV(N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: A-193-0445 (P/L)
ESTB Date: 12/13/15
Component NEC: Related NEC: 
Technical Advisor: DIRSSP
CDP: 588T, 588U
Open to Women: Yes
NR Ind: N

58
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  
Course: Mandatory  
Sequence Code: 6  
Component NEC: 14NO  
Primary Advisor: OPNAV(N97)

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-10A (V)) under all conditions of readiness in port and underway.

Source Rating: ETR  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 14ZQ  
Primary Advisor: OPNAV(N97)

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 14ZR  
Primary Advisor: OPNAV(N97)

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  
Course: Mandatory  
Sequence Code: 6  
Component NEC: 14ZS  
Primary Advisor: OPNAV (N97)

NOTE: 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
Course: Mandatory
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
CIN: A-193-0448
A-623-0481 (P/L)
ESTB Date: 1/4/16
REV Date: 9/12/16
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. Member must be eligible for a Top Secret security clearance.
2. CIN A-193-0448 may be attended by holders of NEC codes 14XO and 14XM. Only those holding NEC code14XM will be awarded this NEC code upon completion of the course.

14ZU - Submarine Communications Leading Chief Petty Officer
Ensures COMMS ETR LCPOs are familiar with modernization of fleet equipment; and provides tactical guidance for operational requirements. Assist individuals in acquiring the knowledge, skills and ability required to make sound leadership recommendations; perform required maintenance; and lead a Communications Division on a SSN, SSGN, or SSBN class Submarine.

Source Rating: ETR
Course: Mandatory
Billet Paygrades: E7-E9
Personnel Paygrades: E6-E9
CIN: A-101-0600
ESTB Date: 7/13/16
REV Date: 8/19/13
NR Ind: R
Component NEC: 14AB
Related NEC:
Open to Women: Yes
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA-05
ECM: BUPERS-32

NOTE: A Top Secret security clearance is required.

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
Course: Mandatory
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E8
CIN: A-104-0176
ESTB Date: 8/19/13
REV Date: 2/17/16
NR Ind: A
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 8/19/13.

1504 - Radar (SPS-55) Technician
Source Rating: ET
Course: Mandatory
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: A-104-0162
ESTB Date: 2/17/16
REV Date: 8/19/13
NR Ind: R
Component NEC:
Related NEC:
Open to Women: Yes
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
SPAWAR
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

1507 - Radar (SPS-67(V)V)1 Technician
Source Rating: ET
Course: Mandatory
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: A-104-0177
ESTB Date: 8/19/13
REV Date: 2/17/16
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: 8/19/13  
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: 12/8/14  
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: 8/19/13  
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: 8/19/13  
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 entire NASMOD.

Source Rating: ET  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: C-103-2025  
CDP: 5855  
Sequence Code: 5  
ESTB Date: 8/8/12  
REV Date: 8/8/12  
NR Ind: R  
Component NEC:  
Related NEC: 1504  
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
Course: Mandatory
Sequence Code: 5
Component NEC: 1530
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
CIN: C-103-2018
ESTB Date: 8/19/13
Related NEC: 1530
Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR
Personnel Paygrades: E3-E7
CDP: 6039
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: 1570
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7
CIN: C-103-2115 (P/L)
ESTB Date: 8/8/12
Related NEC: 1570
Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR
Personnel Paygrades: E3-E7
CDP: 708F
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: 1571
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
CIN: S-102-0062
ESTB Date: 8/8/12
Related NEC: 1571
Technical Advisor: NAVSEA 05, SPAWAR
Personnel Paygrades: E3-E7
CDP: 931G
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

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

1572 - AIMS System Technician
Performs organizational and intermediate level maintenance of the AIMS MK XIIA system, consisting of the following equipment: AN/UPM-155 and AN/UPM-719 AIMS MK XIIA test equipment, AN/APX-118 and AN/APX-123 Common Digital Transponder, AN/UPX-37 and AN/UPX-41 Digital Interrogator, and AN/AS-177B Omni-Directional Antenna.

Source Rating: ET
Course: Mandatory
Sequence Code: 5
Component NEC: 1572
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
CIN: A-102-0062
ESTB Date: 8/8/12
Related NEC: 1572
Technical Advisor: NAVSEA 05, SPAWAR
Personnel Paygrades: E3-E7
CDP: 4784
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: 1574
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7
CIN: 1574
ESTB Date: 8/8/12
Related NEC: 1574
Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR
Personnel Paygrades: E3-E7
CDP: 1574
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 1575
Primary Advisor: OPNAV(N96)

Billet Paygrades: E3-E5
Personnel Paygrades: E3-E6
CIN: A-104-0104
ESTB Date: 8/11/11 REV Date: 8/8/12
Related NEC:
Technical Advisor: PEO IWS-2
NR Ind: A
Open to Women: Yes
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
Course:
Sequence Code: 5
Component NEC: Related NEC: 1574
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7
Personnel Paygrades: E3-E7
CIN: ESTB Date: REV Date: 8/8/12
NR Ind: R
Open to Women: Yes
CDP:
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 9614
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: C-103-2037
ESTB Date: REV Date: 8/8/12
NR Ind: R
Open to Women: Yes
CDP:
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
Course:
Sequence Code: 4
Component NEC: Related NEC: 1530
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN:
ESTB Date: REV Date: 7/30/13
NR Ind: R
Open to Women: Yes
CDP:
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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7
Personnel Paygrades: E3-E7
CIN: C-198-6671
ESTB Date: 1/4/16
REV Date: 1/4/16
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N98)
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: C-103-2046
ESTB Date: 8/8/12
REV Date: 8/8/12
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

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

1591 - Miniature/Microminiature Module Test and Repair (2M MTR) 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 scheduled by Maintenance Requirement Cards for 2M Rework Stations (Pace PRC 2000) and the primary MTR test system (AN/USM-674).

Source Rating: ET, ETR, ETV, IT
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N43)
Primary Advisor: OPNAV (N43)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: A-100-0008 (P/L)
ESTB Date: 1/1/00
REV Date: 3/7/17
CDP: 08LC, 08LD, 08LE, 08LG, 08LH, 08LF
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M,NAVAIR SE-004-PQS-000).
2. The source ratings for the AN/USM-674 (CIN A-100-0076 or S-100-7600 Operator/Maintainer) training are the same as for the 2M training courses. Completing only the AN/USM-674 (CIN A-100-0076 or S-100-7600) training provides no NEC Code however, completion of the AN/USM-674 course and earning NEC code 9526 – Microminiature Electronic Repair Technician would award the technician the 1591 NEC code.
3. CIN S-100-7600 and CDPs 12W4, 12W5, 12W6, 12W7, 12WA, 12ZF are for use by NAVSEA-designated personnel (LANT and PAC 2M MTR Fleet Coordinators) only.
4. For the CTT source rating only, NEC codes 1702, 1734, 1736, and 1739 are prerequisites for this NEC code.

1592 - AN/TPX-42A(V) Shipboard DAIR Maintenance Technician
Performs organizational and/or intermediate maintenance on the AN/TPX-42(V) Shipboard Direct Altitude and Identity Readout (DAIR) Systems. 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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV (N98)
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: C-103-2063
ESTB Date: 4/13/16
REV Date: 4/13/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Last reviewed during “ET HPRR” completed 4/13/16.
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
Course: Mandatory
Sequence Code: 3
Component NEC: 1601 - SSDS OA Maintenance Technician
Primary Advisor: OPNAV (N96)
ESTB Date: A-150-1981
REV Date: 4/23/12
Related NEC: 1628
Technical Advisor: NAVSEA 05
Source Rating: FC
Course: Mandatory
Sequence Code: 4
Component NEC: 1601 - SSDS OA Maintenance Technician
Primary Advisor: OPNAV (N96)
ESTB Date: A-150-0119 (P/L)
REV Date: 10/1/14
Related NEC: 1628
Technical Advisor: NAVSEA 05

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
Course: OJT
Sequence Code: 3
Component NEC: 1601 or 1624 or 1628 or 1656
Primary Advisor: OPNAV (N96)
ESTB Date: 1/1/1970
REV Date: 5/3/2013
Related NEC: 1628
Technical Advisor: NAVSEA 05
Source Rating: FC
Course: OJT
Sequence Code: 3
Component NEC: 1601 or 1624 or 1628 or 1656
Primary Advisor: OPNAV (N96)
ESTB Date: 1/1/1970
REV Date: 5/3/2013
Related NEC: 1628
Technical Advisor: NAVSEA 05

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
Course: Mandatory
Sequence Code: 4
Component NEC: 1601 or 1624 or 1628 or 1656
Primary Advisor: OPNAV (N96)
ESTB Date: A-150-0119 (P/L)
REV Date: 10/1/14
Related NEC: 1628
Technical Advisor: NAVSEA 05
Source Rating: FC
Course: Mandatory
Sequence Code: 4
Component NEC: 1601 or 1624 or 1628 or 1656
Primary Advisor: OPNAV (N96)
ESTB Date: A-150-0119 (P/L)
REV Date: 10/1/14
Related NEC: 1628
Technical Advisor: NAVSEA 05

NOTE: Last reviewed during “FC HPRR” completed 4/23/12.
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: 4/23/12  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 code cannot normally be attained by SELRES within three years or normal TRC A training cycle. However, this NEC code is assignable with restrictions to SELRES manpower requirements if SELRES personnel already holding the NEC code in this category can maintain periodic re-certification/re-qualification required for the NEC code within a normal annual TRC A training cycle.
2. Last reviewed during “FC HPRR” completed 4/23/12.

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: 1/1/91  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: 8/8/12  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: 11/6/15  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, XYLON OMNI Switch, CISCO Routers, and Local Area Networks (LAN).

<table>
<thead>
<tr>
<th>Source Rating: ET, ETR</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-2300</td>
<td>CDP: 5781, 5791</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 1/4/16</td>
<td>REV Date: 1/4/16</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>SPANAV (N2/N6)</td>
<td>Open to Women: Yes</td>
</tr>
</tbody>
</table>

### 1690 - TacMobile Acoustic Support System Maintenance Technician

Performs operation and maintenance of Maritime Patrol and Reconnaissance Aircraft Weapon System’s TacMobile Systems at the organizational level in support of P-3C, P-8 Poseidon, MQ-4 Triton and associated family of systems missions. Possesses the basic knowledge and skills required to facilitate operation and maintenance of the TacMobile Acoustic Support System (TacMASS) at the organizational level.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E5-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-101-4003 (P/L)</td>
<td>CDP: 10UL</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 6/14/10</td>
<td>REV Date: 9/16/16</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N98)</td>
<td>Technical Advisor: SPAWAR</td>
</tr>
</tbody>
</table>

**NOTE: Secret security clearance required.**

### 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.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-1980</td>
<td>CDP: 04RJ</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/6/16</td>
<td>REV Date: 7/6/16</td>
</tr>
<tr>
<td>Component NEC: 1708</td>
<td>Related NEC:</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVIDFOR</td>
</tr>
</tbody>
</table>

**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.

### 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.

<table>
<thead>
<tr>
<th>Source Rating: CTN, CTR, CTT, IS</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 5/22/2012</td>
<td>REV Date: 5/22/2012</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: OPNAV</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E1-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0248</td>
<td>CDP: 10UL</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 7/31/13</td>
<td>REV Date: 7/31/13</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: N</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIDFOR</td>
</tr>
</tbody>
</table>

**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-32(A(V)3 Electronic Warfare and Electronic Warfare Deceptive Electronics Countermeasures (DECM) Systems.

Source Rating: CTT
Course: Mandatory
Sequence Code: 3
Component NEC: 1702
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: A-102-0216
ESTB Date: 7/7/16
REV Date: 7/7/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

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

Source Rating: CTT
Course: Mandatory
Sequence Code: 3
Component NEC: 1702 or 1734
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: A-102-0361
ESTB Date: 7/7/16
REV Date: 7/7/16
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

1739 - AN/SLQ-32(V)6 Electronic Warfare Systems Maintenance Technician
Maintains AN/SLQ-32(V)6 Electronic Warfare system and ancillary systems applying complex intercept techniques, prescribed analysis and reporting procedures.

Source Rating: CTT
Course: Mandatory
Sequence Code: 3
Component NEC: 1708
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: A-230-1313
ESTB Date: 7/7/16
REV Date: 7/7/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Member must possess a Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance.

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
Course: Mandatory
Sequence Code: 2
Component NEC:
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: A-230-0018
ESTB Date: 7/7/16
REV Date: 6/6/12
NR Ind: R
Open to Women: Yes
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
Course: OJT
Sequence Code: 3
Component NEC: 9501
Primary Advisor: USFF

Billet Paygrades: J-830-0015
Personnel Paygrades: E6-E9
CIN: J-830-0015
ESTB Date: 7/7/16
REV Date: 7/7/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: NEC code will be awarded based on Commanding Officer’s recommendation following the verification of completing 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
Course: Mandatory
Sequence Code: 4
Component NEC: NCIS HQ CODE 23
Primary Advisor: NCIS HQ CODE 23

Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: A-832-0001
ESTB Date: 10/28/13
REV Date: 10/28/13
Related NEC: Open to Women: Yes
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

Source Rating: MA
Course: OJT
Sequence Code: 3
Component NEC: 0190
Primary Advisor: USFF

Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: A-062-0049
ESTB Date: 10/21/14
REV Date: 10/21/14
Related NEC: Open to Women: Yes
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
Course: OJT
Sequence Code: 7
Component NEC: 0190
Primary Advisor: USFF

Billet Paygrades: E6-E7
Personnel Paygrades: E6-E7
CIN: A-062-0049
ESTB Date: 10/24/14
REV Date: 10/24/14
Related NEC: Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: USFF

Billet Paygrades: E1-E6
Personnel Paygrades: E1-E6
CIN: A-830-0019
ESTB Date: 11/24/14
REV Date: 11/24/14
Related NEC: Open to Women: Yes
Technical Advisor: USFF
ECM: BUPERS-32

NOTE: Applicants must submit 1306/7 via the Regional Kennel Master and Military Working Dog (MWD) Program Manager for approval. Personnel completing the MWD Handler "C" School are required to perform duties in designated billets 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 2005  
Primary Advisor: MWD PM

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-830-0009  
ESTB Date: 1/26/15  
Related NEC:  
Technical Advisor: MWD PM

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, direct supervision, health and welfare of pre-trial and post-trial prisoners. Knowledgeable on offender management programs and administration.

Source Rating: MA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: USFF N1SF

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: A-831-0001  
ESTB Date: 7/6/16  
Related NEC:  
Technical Advisor: BUPERS-00D

NOTES:
1. Completion of the Correction Specialist Course referenced under NEC code 9575 meets all requirements for awarding of this NEC code to MAs only. Completion of the 2-week Brig Afloat Course is insufficient and non-qualifying for the NEC codes 9575 or 2008.
2. Candidates for this NEC code are screened for selection in accordance with MILPERSMAN 1306-904.
3. Personnel converting to MA who hold NEC code 9575 will have it removed and be awarded this NEC code.
4. Last reviewed during “NAVMAC Periodicity Review” refresh completed 7/6/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: NCIS (POFO)

Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN: A-840-0001 or S-830-0940  
ESTB Date: 7/6/16  
Related NEC:  
Technical Advisor: NCIS (POFO)

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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.
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
Course: CIN:
Sequence Code: 8
ESTB Date: 11/16/15
Component NEC: Related NEC:
Primary Advisor: USFFC N1SF
Technical Advisor: SSP

Personnel Paygrades: E1-E9
CDP: NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
ESTB Date: REV Date: 10/9/15
Component NEC: Related NEC: 2186
Primary Advisor: CNRC
Technical Advisor: CNRC

Personnel Paygrades: E5-E9
CDP: 525F
NR Ind: N
Open to Women: Yes
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.

2187 - Career Recruiter Force Hometown Recruiter (CRFHR)
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
Course:
Sequence Code: 4
ESTB Date: REV Date: 10/5/16
Component NEC: Related NEC: 2186
Primary Advisor: CNRC
Technical Advisor: CNRC

Personnel Paygrades: E5-E7
CDP: NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Personnel awarded this NEC code 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.
3. Only CRFHR selected for Hometown Medical Recruiter are eligible to remain a CRFHR after advancement to E7. All others will automatically convert to NEC code 2186 Career Recruiter.

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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: NAVCYBERFOR (N7/N1)

Personnel Paygrades: E6-E9
CDP: 121E
NR Ind: R
Open to Women: Yes
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  
Course:  Mandatory  
Sequence Code:  2  
Component NEC:  2301  
Primary Advisor:  OPNAV (N2/N6)  

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  
Course:  OJT  
Sequence Code:  4  
Component NEC:  
Primary Advisor:  OPNAV (N2/N6)  

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  
Course:  Mandatory  
Sequence Code:  4  
Component NEC:  
Primary Advisor:  OPNAV (N98)  

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  
Course:  Mandatory  
Sequence Code:  4  
Component NEC:  
Primary Advisor:  OPNAV (N2/N6)  

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: NAVIFOR (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).

REPUBLICAN 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.

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, YNS  
Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
Course: Mandatory  
CIN: A-511-0015  
CDP: 048G  
Sequence Code: 2  
ESTB Date: REV Date: 3/7/17  
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: ALL  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E8  
Course: Mandatory  
CIN: S-501-0031  
CDP: 945P  
Sequence Code: 3  
ESTB Date: REV Date: 8/23/16  
NR Ind: R  
Component NEC:  
Related NEC:  
Open to Women: Yes  
Primary Advisor: PERS-40  
Technical Advisor: PERS-40  
ECM: BUPERS-32
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) Theater Automated Planning System; or (2) joint-service portions of Theater Battle Management Core Systems. Uses advanced skills in UNIX, Solaris, and TCP/IP 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 data interfaces with all external systems; assists the administrators for those systems, and 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  
REV Date: 8/3/16
Sequence Code: 3  
ESTB Date: 4/97
Component NEC:  
Related NEC: 2765, 2766
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: SPAWAR

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 “NAVMAC Periodicity Review” refresh completed 8/3/16.

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  
REV Date: 2/5/15
Sequence Code: 3  
ESTB Date: 3/7/06
Component NEC: 2790  
Related NEC: 2765, 2766
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N13)

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.

2723 - MQ-4C Unmanned Aircraft System (UAS) Mission Control System Administrator
Performs installation, configuration, administration, repair, and operation of databases and networks required for operation of the MQ-4C Mission Control System. Maintains databases, establishes accounts, and configures communications and system interfaces. Performs Information Assurance Technician functions IAW DoD 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: IT  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7
Course: Mandatory  
CIN: C-690-8001  
REV Date: 2/12/17
Sequence Code: 4  
ESTB Date: 12/2/16
Component NEC: 2791  
Related NEC: 2765, 2766
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N7/N1)

NOTES: Secret security clearance required with TS/SCI eligibility.

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, FCA  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9
Course: Mandatory  
CIN: A-531-0021  
REV Date: 3/7/17
Sequence Code: 3  
ESTB Date: 3/7/17
Component NEC:  
Related NEC: 2765, 2766
Primary Advisor: OPNAV (N2/N6)/(N97)  
Technical Advisor: SPAWAR

NOTES: Secret security clearance required with TS/SCI eligibility.
2765 - Global Command and Control System-Maritime (GCCS-M) (Force Level 4.1) Increment 2 System Administrator
Performs installation, configuration, administration, repair, and basic operation of the GCCS-M Force Level 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
Course: Mandatory
Sequence Code: 3
Component NEC: 2790
Primary Advisor: OPNAV (N2/N6)

NOTE: This NEC code pertains only to the Force Level variant of the GCCS-M 4.1 software (i.e. GCCS-M FL 4.1). This NEC code does not pertain to any other variant of GCCS-M 4.1 software (i.e Group Level or Unit Level 4.1).

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 afloat and ashore commands.

Source Rating: IT, ITS
Course: Mandatory
Sequence Code: 3
Component NEC: 2790
Primary Advisor: OPNAV (N2/N6)

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
Course: Mandatory
Sequence Code: 7
Component NEC: 2770
Primary Advisor: OPNAV (N2/N6)

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
Course: Mandatory
Sequence Code: 3
Component NEC: 2778
Primary Advisor: OPNAV (N2/N6)

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 CYBERSECURITY 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 CYBERSECURITY support within the confines of the ISSM’s area of responsibility. Maintains an Activity CYBERSECURITY Plan (CSP) 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-E9
Course: Mandatory  CIN: A-531-0009  CDP: 7440, 7443, 04KL, 04KM, 04KN, 04KP, 04KR
Sequence Code: 3  ESTB Date: REV Date: 1/26/17  NR Ind: A
Component NEC: 2791  Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (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-E9
Sequence Code: 3  ESTB Date: REV Date: 11/7/16  NR Ind: R
Component NEC: 2791  Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (N7/N1)  ECM: BUPERS-32

2781 - Advanced Network Analyst
Administers, maintains, and repairs Navy LEGACY network systems afloat and ashore. Performs routine and emergent system administrator duties, Enterprise-Level Fault Identification, system level fault analysis, and repair in support of fully federated legacy networks across the entire shipboard and shore network infrastructure. Administers and maintains all currently fielded Navy LEGACY networking systems; responsible for management and maintenance of network switches, routers, servers, and computer stations; manages network operating systems within Navy Legacy networking systems, networking services, and network security; maintains network service capabilities (i.e. wireless devices, Voice Over IP (VOIP), Video Teleconferencing (VTC), Video Distributions 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  Billet Paygrades: E5-E8  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-531-0045  CDP: 11FV, 6252
Sequence Code: 3  ESTB Date: REV Date: 2/24/17  NR Ind: R
Component NEC: 2791  Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (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, FT, ITS, STS
Course: Mandatory
Sequence Code: 4
Component NEC: 2791
Primary Advisor: OPNAV (N2/N6)
Billet Paygrades: E4-E9
Personnel Paygrades: E1-E9
CIN: A-531-0150
A-531-0100
ESTB Date: 10/15/16
REV Date: 10/16/16
Related NEC: 2781
Technical Advisor: NAVYSEAFOR (N7/N1)
CDP: 06Z4
853S
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Top secret security clearance required for billets. Training will be conducted at the secret level.
2. ETR and ETV are eligible for this NEC code only if already holding NEC code 2791 and applying for rating conversion to ITS, or if they are being reassigned to duties involving SUBLAN as part of the Submarine Force Navigation/Operations Department Recognition (including pilot studies).
3. Only FT and STS personnel already holding NEC code 2791 and applying for 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
Course: JQR/OJT
Sequence Code: 4
Component NEC: 14AB, 2790 or 2791
Primary Advisor: OPNAV(N2/N6)
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
CIN: W-101-0111
ESTB Date: 12/16/15
REV Date: 10/16/16
Related NEC: 2378, 2783
Technical Advisor: NAVSEA 05, SPAWAR, NAVIFOR
CDP: 11FU
NR Ind: R
Open to Women: Yes
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

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 restoration 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 local System Administrator functions IAW SECNAVMAN 5239.2.

Source Rating: ETR, ETV, FT, IT, ITS, STS
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N2/N6)/(N97)
Billet Paygrades: E1-E5
Personnel Paygrades: E1-E6
CIN: A-202-2100
ESTB Date: 3/22/10
REV Date: 11/17/16
Related NEC:
Technical Advisor: NAVIFOR (N7/N1)
CDP: 06U8, 09B1
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. ET, FT, STS personnel must complete their respective “A” school plus COMPTIA A+ training and applicable operating system training prior to earning this NEC code.
Information Systems Administrator

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 System Administrator functions IAW SECNAVMAN 5239.2.

Source Rating: ETR, ETV, FT, IT, ITS, STS
Course: Mandatory
CIN: A-150-1980
K-150-2115
Sequence Code: 3
ESTB Date: 3/22/10
REV Date: 11/17/16
Component NEC: 2790
Related NEC: 2792
Primary Advisor: OPNAV (N2/N6)/(N97)
Technical Advisor: NAVIFOR (N7/N1)
Personnel Paygrades: E3-E8
CDP: 04MV, 04MW, 04NO, 05M6
12C4
NR Ind: A
Open to Women: Yes
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.

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
Course: Factory Training
CIN: W-150-4500
Sequence Code: 3
ESTB Date: 4/11/14
REV Date: 11/17/16
Component NEC: 2791
Related NEC: 2781
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: NAVCYBERFOR (N1/N7)
Personnel Paygrades: E4-E7
CDP: 10JM
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

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

LOGISTICS SPECIALIST 2813 - 2831

2800 - Logistics Specialist Postal Basic (BL-1)
Performs military postal services, processing of domestic mail including those requiring special services, and proper mail handling and transportation requirements. Execute updates to postal directory functions for currency to ensure proper routing of incoming mail.

Source Rating: LS, LSS
Course: Mandatory
CIN: A-551-1016
Sequence Code: 8
ESTB Date: 6/19/17
REV Date: 11/17/16
Component NEC: 2801
Related NEC: 2813, 2828, 2829, 2830, 2831
Primary Advisor: OPNAV (N41)
Technical Advisor: NAVSUP (4B, N00B, N42)
Personnel Paygrades: E1-E6
CDP: 18HZ
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

2801 - Logistics Specialist Supply Basic (BL-0)
Knowledgeable of proper customer service techniques, supply organization structures, supply department security requirements, and material identification and research. Utilize different material procurement options, and review requisition status and provide updates to the requestor. Performs proper material receipt procedures for stock and direct turn-over materials, and proper stowage of different classes of supply inventory to include hazardous material. Performs basic afloat inventory, and proper aviation supply material control procedures. Knowledgeable of the aviation support division structure and demonstrates the proper use of the Naval Tactical Command Support System.

Source Rating: LS, LSS
Course: Mandatory
CIN: A-551-1015
Sequence Code: 6
ESTB Date: 6/19/17
REV Date: 11/17/16
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N41)
Technical Advisor: NAVSUP (4B, N00B, N42)
Personnel Paygrades: E1-E6
CDP: 18HY
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32
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, LSS  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
Course: Mandatory  
CIN: R-551-0010  
CDP: 869D  
Sequence Code: 3  
ESTB Date: REV Date: 3/7/17  
NR Ind: A  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32

NOTE: 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.

2819 - Personal Property Specialist

Source Rating: LS, LSS  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
Course: Mandatory  
CIN: A-553-0010  
CDP: 593M  
Sequence Code: 4  
ESTB Date: REV Date: 3/7/17  
NR Ind: A  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32

NOTE: NEC may also be earned upon completion of course 8B-F8 (JT)-822-F8.

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: ABE, ABF, ABH, LS, LSS  
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: 3/7/17  
NR Ind: R  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32

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, LSS  
Billet Paygrades: E5-E6  
Personnel Paygrades: E5-E7  
Course: Mandatory  
CIN: A-551-0029  
CDP: 746L, 746M  
Sequence Code: 4  
ESTB Date: REV Date: 3/7/17  
NR Ind: R  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32

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, LSS  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-551-0026  
CDP: 740M, 746F  
Sequence Code: 4  
ESTB Date: REV Date: 3/7/17  
NR Ind: R  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32
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, LSS  
Billet Paygrades: E7-E9  
Course: Mandatory  
CIN: A-551-0027  
Sequence Code: 4  
Component NEC: 2828  
Primary Advisor: OPNAV (N41)  

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, LSS  
Billet Paygrades: E6-E9  
Course: Mandatory  
CIN: A-551-0028  
Sequence Code: 4  
Component NEC: 2829  
Primary Advisor: OPNAV (N41)  

NOTE: Component NEC 2829 is not required for E7-E9 personnel. E7-E9 personnel without component NEC should submit NAVPERS 1221/6 with command endorsement to PERS-4013.

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, LSS  
Billet Paygrades: E5-E9  
Course:  
CIN:  
Sequence Code: 2  
Component NEC:  
Primary Advisor: COMNECC  

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  
Course: Mandatory  
CIN: A-542-0015  
Sequence Code: 3  
Component NEC:  
Primary Advisor: DCNP  

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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: NAVLEGSVCCOM  
Primary Advisor: NAVLEGSVCCOM

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
ESTB Date: 8/10/12  
REV Date: NR Ind: A  
Open to Women: Yes  
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: advising customers on proper postal claims procedures for loss and damaged articles; principles of providing good customer service; postal officer responsibilities; fleet audits and postal inspections; preparing Mail Routing Instructions; preparing mail/PAX/Cargo and mail on hand reports; preparing and releasing postal incident reporting messages; including Postal Net Alert (PNA)/postal offense and monthly updates; preparing mail transportation forms (to include International mail and customs requirements); reviewing and receiving for capital equipment from the servicing Fleet Logistics Center (FLC); operating postage meter equipment and maintaining records; preparing financial reports for correctness prior to submission; providing directory service on all un-deliverable mail; training department mail orderlies on safeguarding mail; preparing and maintaining Standard Operating Procedures for ships postal operations; ensuring post office security is compliant with DOD regulations. Manage accountable mail processes and procedures.

Source Rating: LS, LSS, SH  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N41)

Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
ESTB Date: A-554-0026  
REV Date: 3/7/17  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. Must be a U.S. citizen, eligible for a SECRET clearance, and possess a valid driver license.
2. E3 personnel may request to attend course with a strong recommendation from their command.
3. SHs E4-E6 will be allowed to attend course, hold NEC code until promoted to E7, change rating, or Commanding Officer request removal via NAVPERS 1221/6.

3122 - Barber
Provides haircuts that conform to Navy grooming standards; maintains barber equipment; meets sanitation requirements.

Source Rating: CS, CSS, EMN, ETN, ETR, ETV, FT, ITS, LS, LSS, MMA, MMN, MMW, MT, SH, STS, YN, YNS  
Course: Mandatory  
Sequence Code: 6  
Component NEC:  
Primary Advisor: OPNAV (N41)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: A-840-0013  
ESTB Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: CS, EMN, ETN, MMN, LS and YN source rating personnel must be submarine designated.

3131 - Ship’s Store Afloat Resale Operations Management (ROM) Manager
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 ROM system. Manages all service activities in ROM configured ships.

Source Rating: SH  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N41)

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-823-0019  
ESTB Date: 8/3/16  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/3/16.
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
Source Rating: IC
Course: Mandatory
Sequence Code: 3
Component NEC: 4747
Primary Advisor: OPNAV (N09C)

NOTES:
1. NEC may be earned by graduation from the Broadcast Managers Course at the Defense Information School (DINFOS) or upon completion of at least two previous management assignments with AFRTS activities. Non course graduates must submit a NAVPERS 1221/6 to BUPERS (Pers 221L) via Chief of Information (CHINFO) with the following enclosures: Certified statements of AFRTS management assignments (LPO, SITE, Radio Program Director, TV Program Director, News Director, Operations Director, Chief Engineer); and a copy of enlisted performance evaluations for the past three years.
2. Component NEC 4747 is requirement for IC personnel only.

3301 - Nuclear Qualified Reactor Department Master Chief (RDMC)

Is the senior enlisted advisor to the respective command advising on proper administration and supervision of a nuclear propulsion plant. The RDMC assists the Reactor Officer in administering enlisted personnel, designating enlisted watch assignments, monitoring the qualification program of all nuclear trained operators, and acts as a liaison for the Reactor Department at the CPO level. Additionally, the NEC identifies those individuals with the skills necessary to perform as RDMC based on a TYCOM directed shipboard qualification process.

Source Rating: EMN, ETN, MMN
Course:
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N97)

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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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
Course:
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N97)

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 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
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
CIN: A-121-0031
ESTB Date: 6/1/15
Technical Advisor: DIRSSP
Personnel Paygrades: E3-E9
REV Date: 3/13/15
02X0
NR Ind: N
ECM: BUPERS-32
02X2, 02X3
Open to Women: Yes

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
Course: Mandatory
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
CIN: A-121-0085
ESTB Date: 6/1/15
Technical Advisor: DIRSSP
Personnel Paygrades: E3-E9
REV Date: 6/1/15
4928
NR Ind: N
ECM: BUPERS-32
Open to Women: Yes

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
Course: OJT
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
CIN: 
ESTB Date: 6/1/15
Technical Advisor: DIRSSP
Personnel Paygrades: E5-E9
REV Date: 6/1/15
CDP:
NR Ind: N
ECM: BUPERS-32
Open to Women: Yes

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
Course: Mandatory
Sequence Code: 4
Component NEC: ET-14XO
Primary Advisor: OPNAV (N97)

Billet Paygrades: E2-E7
Personnel Paygrades: E2-E7
CIN: A-193-0442
ESTB Date: REV Date: 12/13/15
Related NEC: 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
Course: Mandatory
Sequence Code: 6
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN: A-121-0087
ESTB Date: REV Date: 6/1/15
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: A-701-0015
ESTB Date: REV Date: 12/13/15
Open to Women: Yes
ECM: OPNAV (N133D)

NOTE: NEC code is assigned to personnel holding PNECs 3355, 3365 and 3359 only.

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

Source Rating: MMN
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: A-0071-0015
ESTB Date: REV Date: 12/13/15
Open to Women: Yes
ECM: OPNAV (N133D)

NOTE: NEC code is assigned to personnel holding PNECs 3355, 3365 and 3359 only.

3352 - 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
Course: Mandatory
Sequence Code: 1
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0012
ESTB Date: REV Date: 12/13/15
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 1
Component NEC: 9901
Primary Advisor: OPNAV (N97)

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

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0014
ESTB Date: REV Date: 12/13/15
Related NEC: 3385
Technical Advisor: NAVSEA 05
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 1
Component NEC: 3355
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0015
ESTB Date: REV Date: 12/13/15
Related NEC: 3385, 3386
Technical Advisor: NAVSEA 05
NR Ind: N
Open to Women: Yes
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
Course:
Sequence Code: 1
Component NEC: 3353 or 3354 or 3355 or 3356 or 3363 or 3364 or 3365 or 3366
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN:
ESTB Date: REV Date: 12/13/15
Related NEC: 3383, 3384, 3385, 3386, 3389, 3393, 3394, 3395, 3396
Technical Advisor: NAVSEA 05
NR Ind: N
Open to Women: Yes
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.
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 watch station 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 retain the necessary proficiency and leadership skills for supervisory positions should be recommended for removal of their nuclear operator NEC 336X (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 BUPERS (N13).
8. Submit recommendations for change or removal of NECs for Enlisted Nuclear Propulsion Operators to the BUPERS (N13) who will resolve the NEC change recommendation (See OPNAVINST 1220.1 Series for additional guidance).

Submarine Nuclear Propulsion Plant Supervisor - Reactor Control

Source Rating: ETN  
Course: CIN:  
Sequence Code: 1  
Component NEC: 3353  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
ESTB Date: REV Date: 12/13/15  
Related NEC: 3393  
Technical Advisor: NAVSEA 05  
CDP:  
NR Ind: N  
Open to Women: Yes  
ECM: OPNAV (N133D)

3364 - Submarine Nuclear Propulsion Plant Supervisor – Electrical

Source Rating: EMN  
Course: CIN:  
Sequence Code: 1  
Component NEC: 3354  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
ESTB Date: REV Date: 12/13/15  
Related NEC: 3394  
Technical Advisor: NAVSEA 05  
CDP:  
NR Ind: N  
Open to Women: Yes  
ECM: OPNAV (N133D)

3365 - Submarine Nuclear Propulsion Plant Supervisor - Mechanical

Course: CIN:  CDP:
Sequence Code: 1 ESTB Date: 12/13/15  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

Course: CIN:  CDP:
Sequence Code: 1 ESTB Date: 12/13/15  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, 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: 3371  Open to Women: Yes
Primary Advisor: OPNAV (N133D) Technical Advisor: NAVSEA 05  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 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: Related NEC: 3371  Open to Women: Yes
Primary Advisor: OPNAV (N133D) Technical Advisor: NAVSEA 05  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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPN(N96)97

Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9

cIN: F-191-0010  
ESTB Date: 2/17/16  
Related NEC:  
Technical Advisor: NAVSEA 05

Billet Paygrades: CIN: ESTB Date: REV Date: CDP: Related NEC: CDP:

NR Ind: N  
Open to Women: Yes

ECM: OPNAV (N133D)

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

3374 - CVN 68 Class Propulsion Plant Non-Nuclear Engineer
Operates and performs organizational level maintenance on mechanical systems for surface ship nuclear propulsion plants and support equipment.

Source Rating: MM, EN  
Course: OJT  
Sequence Code: 8  
Component NEC:  
Primary Advisor: OPNAV(N133D)

Billet Paygrades: CIN: ESTB Date: REV Date: CDP:

NR Ind: R  
Open to Women: Yes

ECM: BUPERS-32

NOTES:
1. MM candidates must be currently qualified CVN 68 Class Shaft Alley Patrol (SAP) and Engine Room Lower Level (ERLL) or CVN 68 Class SAP and Cold Iron Watch (CIW).
2. EN candidates must be currently qualified CVN 68 Class Emergency Diesel (EDG) Rover and ERLL or EDG Rover and CIW.
3. Candidates must be serving in CVN 68 Class Reactor Department at time of request.
4. NAVPERS 1221/6 request must be signed by the currently serving CVN 68 Class Reactor Officer and must verify notes (1) and (3) above.
5. Candidates may retain NEC code if approved to drop qualifications stated in notes (1) or (2) above if qualified for more senior reactor department qualifications.
6. Final screening for NEC code approval will be conducted by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (N133D).

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  
Course:  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV (N97)

Billet Paygrades: CIN: ESTB Date: REV Date: CDP:

NR Ind: N  
Open to Women: Yes

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. As a prerequisite, member must have previously earned either 3303 or 3312 or 3350. Member shall retain prerequisite NEC codes once 3375 has been awarded.
4. Must be PRP screened and eligible.
5. Must have Top Secret Clearance.
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: 2/17/16  REV Date: 2/17/16  NR Ind: N
Component NEC: Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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: 7/6/16  REV Date: 7/6/16  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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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: 12/13/15  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)

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: 12/13/15  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)

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: 12/13/15  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)
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
Course: Mandatory
Sequence Code: 1
Component NEC: 3385
Primary Advisor: OPNAV (N96)

Component NEC: 3383 or 3384 or 3385 or 3386 or 3393 or 3395 or 3396

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0015
REV Date: 12/13/15
Related NEC: 3356
Technical Advisor: NAVSEA 05
CDP: 203N, 1324
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 1
Component NEC: 3385
Primary Advisor: OPNAV (N96)

Component NEC: 3383 or 3384 or 3385 or 3386 or 3393 or 3395 or 3396

Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN: A-661-0015
REV Date: 12/13/15
Related NEC: 3351, 3353, 3354, 3355, 3356, 3359, 3363, 3364, 3365, 3366
Technical Advisor: NAVSEA 05
CDP: 203N, 1324
NR Ind: N
Open to Women: Yes
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 339X 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 continued supervision 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:  
ESTB Date:  
REV Date: 12/13/15

Sequence Code: 1
Component NEC: 3383
Primary Advisor: OPNAV (N96)

Related NEC: 3363
Technical Advisor: NAVSEA 05

Open to Women: Yes
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:  
ESTB Date:  
REV Date: 12/13/15

Sequence Code: 1
Component NEC: 3384
Primary Advisor: OPNAV (N96)

Related NEC: 3364
Technical Advisor: NAVSEA 05

Open to Women: Yes
ECM: OPNAV (N133D)

NOTE: Specified watch stations 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:  
ESTB Date:  
REV Date: 12/13/15

Sequence Code: 1
Component NEC: 3385
Primary Advisor: OPNAV (N96)

Related NEC: 3365
Technical Advisor: NAVSEA 05

Open to Women: Yes
ECM: OPNAV (N133D)

NOTE: Specified Watch stations 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:  
ESTB Date:  
REV Date: 12/13/15

Sequence Code: 1
Component NEC: 3386
Primary Advisor: OPNAV (N96)

Related NEC: 3366
Technical Advisor: NAVSEA 05

Open to Women: Yes
ECM: OPNAV (N133D)

NOTE: Specified watch stations 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 Watch 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
Component NEC:
Primary Advisor: OPNAV (N97)

Related NEC:  
Technical Advisor: DIRSSP

Open to Women: Yes
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, CSS  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N41)  
Technical Advisor: NAVSUP (N413)

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, CSS  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N41)  
Technical Advisor: NAVSUP (N413)

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, CSS  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: PERS-44ES  
Technical Advisor: PERS-44ES

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.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Technical Advisor: PERS-4014

Personnel Paygrades: E3-E9  
CDP: 5605  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32
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### 3811 - Tuba Instrumentalist

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### 3812 - Guitar Instrumentalist

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### 3813 - Percussion Instrumentalist

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### 3814 - Keyboard Instrumentalist

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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 9/22/14</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor:  PERS-4014</td>
<td>Technical Advisor: PERS-4014</td>
<td>ECM: BUPERS-32</td>
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### 3815 - Electric Bass/String Bass Instrumentalist

<table>
<thead>
<tr>
<th>Source Rating: MU</th>
<th>Billet Paygrades: E3-E9</th>
<th>Personnel Paygrades: E3-E8</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-450-0010</td>
<td>CDP: 6065</td>
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<td>ESTB Date: REV Date: 9/22/14</td>
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<td>Component NEC:</td>
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<td>Technical Advisor: PERS-4014</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

### 3825 - Vocalist/Entertainer

Performs duties as solo/lead vocalist for authorized Navy bands.

<table>
<thead>
<tr>
<th>Source Rating: MU</th>
<th>Billet Paygrades: E3-E9</th>
<th>Personnel Paygrades: E3-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-450-0010</td>
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<td>Technical Advisor: PERS-4014</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Source Rating: MU</th>
<th>Billet Paygrades: E7-E9</th>
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<td>CDP: 471P</td>
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<tr>
<td>Primary Advisor:  PERS-4014</td>
<td>Technical Advisor: PERS-4014</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
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
Course: Mandatory
Sequence Code: 3
Component NEC: PERS-4014
Primary Advisor: PERS-4014

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E9

CIN: A-450-0012
ESTB Date: REV Date: 9/22/14
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: PERS-4014
Primary Advisor: PERS-4014

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E9

CIN: A-450-0012
ESTB Date: REV Date: 9/22/14
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: PERS-4014
Primary Advisor: PERS-4014

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E9

CIN: A-450-0012
ESTB Date: REV Date: 9/22/14
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: PERS-4014
Primary Advisor: PERS-4014

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8

CIN: A-450-0012
ESTB Date: REV Date: 9/22/14
NR Ind: N
Open to Women: Yes
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N2/N6)  
Primary Advisor: OPNAV (N2/N6)  

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.
   b. At least one year of civilian employment as an imagery interpreter.
   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


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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: OPNAV (N2/N6)  
Primary Advisor: OPNAV (N2/N6), SPECWAR  

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/Atfloat 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, Kneeborder 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 3923  
Primary Advisor: OPNAV (N2/N6)  

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. Must be able to view stereoscopic imagery.
3. 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

4124 - CG-47 Gas Turbine Mechanical 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, mechanical systems, and auxiliary support systems.

Source Rating: GSM, GS  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

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 FLT I-II Gas Turbine Electrical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 FLT I-II gas turbine main propulsion and electrical generating plant control systems.

Source Rating: GSE, GS
Course: Mandatory
Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN: A-652-0352 (P/L)
A-652-0329
A-652-0337
A-652-0431
Sequence Code: 3
ESTB Date: REVD Date: 9/9/16
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
Course: Mandatory
Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN: A-652-0355 (P/L)
Sequence Code: 3
ESTB Date: REVD Date: 3/3/15
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
Course: Mandatory
Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: S-062-0021
Sequence Code: 4
ESTB Date: REVD Date: 9/30/15
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, AWF, AWV, DC, EM, EN, GSE, GSM, HT, IC, MM, MMA, MR
Course: Mandatory
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E9
CIN: K-652-0312
K-062-0120
Sequence Code: 5
ESTB Date: REVD Date: 12/9/16
Component NEC: 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, MMA
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: K-652-0314
K-652-0380
Sequence Code: 5
ESTB Date: REV Date: 7/21/16
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: K-652-0314
K-652-0380
Sequence Code: 5
ESTB Date: REV Date: 9/30/15
Component NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
CIN: A-652-0505
ESTB Date: REV Date: 4/6/15
Component NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

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
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: K-652-0315
Sequence Code: 5
ESTB Date: REV Date: 9/30/15
Component NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVSEA 05
CIN: A-652-0505
ESTB Date: REV Date: 4/6/15
Component NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

4136 - Marine Gas Turbine Inspector

Source Rating: GS, GSM, GSE
Course: Mandatory
Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: A-652-0505
Sequence Code: 3
ESTB Date: REV Date: 4/6/15
Component NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

4140 - NAMTS Gas Turbine Repair Technician

Source Rating: GS, GSE, GSM
Course: JQR, OJT
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E9
CIN: V-651-4140 (P/L)
Sequence Code: 3
ESTB Date: REV Date: 6/10/16
Component NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
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 (ECSE).

Source Rating: GSE, GS  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
CIN: A-652-4141 (P/L)  
ESTB Date: 12/22/14  
NR Ind: A  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
CIN: A-652-0364 (P/L)  
ESTB Date: 3/3/15  
NR Ind: R  
Open to Women: Yes  
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

Source Rating: GS, GSE  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
CIN: V-662-4139 (P/L)  
ESTB Date: 12/15/14  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
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:
Sequence Code: 4
ESTB Date: 9/30/11 REV Date: 2/17/16
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

4149 - LPD-17 Class Engineering Control System (ECS) Journeymen Maintainer
Perform organizational level preventive and corrective maintenance, system alignment, and troubleshooting and fault isolation on the Engineering Control System (ECS). Utilize technical manuals and Engineering Operational Sequencing System (EOSS) procedures to maintain the system with little or no Intermediate Level or Depot Level assistance.

Source Rating: EM, ET, IC, IT
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
Course: Mandatory
CIN: A-652-9011
Sequence Code: 4
ESTB Date: 4/26/16 REV Date: 10/5/16
Component NEC: 4150
Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVSEA 05

CDP:
ECM:
BUPERS-

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
Sequence Code: 4
ESTB Date: 4/13/16 REV Date: 10/5/16
Component NEC: 4150
Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVSEA 05

CDP:
ECM:
BUPERS-

4151 - LPD-17 Class Diesel Engine Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on LPD-17 Maine Propulsion Diesel Engines and Ships Service Generator Diesel Engines and their related systems.

Source Rating: EN
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
Course: Mandatory
CIN: G-652-0042
A-652-0320
A-651-9001
A-652-9003
Sequence Code: 4
ESTB Date: 4/13/16 REV Date: 10/5/16
Component NEC: 4150
Related NEC:
Primary Advisor: OPNAV(N95)
Technical Advisor: NAVSEA 05

CDP:
ECM:
BUPERS-
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: 3/3/15  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: 4/11/14  NR Ind: N
Component NEC:  Related NEC:  Open to Women: Yes
Primary Advisor: COMNAVSURFOR  Technical Advisor: PERS-4

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.

Course: Mandatory  CIN: A-651-0063 (P/L)  CDP: 036Y
Sequence Code: 3  ESTB Date: 12/13/15  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, GSE, GSM, GS  
Course: Mandatory  
Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: A-651-0110  
A-4H-0178  
A-4H-0157  
A-4H-0158  
A-4H-0159  
A-4H-0160  
A-4H-0005  
A-4H-0007  
ESTB Date: 5/2/16  
REV Date: 5/2/16  
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.

4208 - Automated Electrolytic Oxygen Generator (AEOG) Maintenance Technician
Operates the Automated Electrolytic Oxygen Generator on board submarines.

Source Rating: EMN, MMA  
Course: Mandatory  
Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E9  
CIN: A-652-0087  
ESTB Date: 9/12/16  
REV Date: 9/12/16  
NR Ind: A  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Must be qualified in submarines and complete DODUSNSLCSOBT 03173.

4227 - NAMTS Pump Repair Technician
Performs Navy Afloat Maintenance Training Strategy (NAMTS) organizational and 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 maintenance industrial machinery.

Source Rating: ABE, ABF, DC, EN, GSM, MM, MR  
Course: JQR, OJT  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: V-652-4222 (P/L)  
ESTB Date: 7/31/13  
REV Date: 3/16/16  
NR Ind: A  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; 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/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
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 maintenance industrial machinery.

Source Rating: MM
Course: JQR, OJT
Sequence Code: 3
Component NEC: 4291
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E9
CIN: V-720-4223
ESTB Date: 10/8/13
REV Date: 6/10/16
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at [https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx](https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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 maintenance industrial machinery.

Source Rating: GSM, MM
Course: JQR, OJT
Sequence Code: 3
Component NEC: 4291
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E9
CIN: V-652-4142 (P/L)
ESTB Date: 10/8/13
REV Date: 6/10/16
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at [https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx](https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 4231
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E1-E9
CIN: A-652-0700
ESTB Date: 1/4/16
REV Date: 12/13/15
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at [https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx](https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 4231
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E1-E9
CIN: A-123-0204
ESTB Date: 7/1/1996
REV Date: 12/13/15
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at [https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx](https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

4234 - SSN 774 Class Advanced Auxiliary Equipment Technician
Operates and performs organizational level maintenance on all assigned auxiliary equipment.

Source Rating: MMA
Course: Mandatory
Sequence Code: 4
Component NEC: 4231
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E8
CIN: A-652-0090
ESTB Date: 7/1/1996
REV Date: 12/13/15
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at [https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx](https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
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
Course: Mandatory
Sequence Code: 2
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E7
CIN: A-123-0207
ESTB Date: REV Date: 12/13/15
Open to Women: Yes

Personnel Paygrades: E3-E7
CDP: 2354, 1238
NR Ind: N

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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E7
CIN: A-123-0198
ESTB Date: REV Date: 12/13/15
Open to Women: Yes

Personnel Paygrades: E4-E7
CDP: 03NJ
NR Ind: R

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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E9
CIN: A-652-0150
ESTB Date: REV Date: 12/13/15
Open to Women: Yes

Personnel Paygrades: E3-E9
CDP: 044W, 050V, 354X, 5501, 8126, 07K3
NR Ind: R

NOTE: Must be a qualified diesel operator with 1 year operating experience.

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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E8
CIN: A-652-0050
ESTB Date: REV Date: 12/13/15
Open to Women: Yes

Personnel Paygrades: E3-E9
CDP: 044Y, 354M
NR Ind: A

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E8
CIN: A-652-0190
ESTB Date: REV Date: 12/13/15
Open to Women: Yes

Personnel Paygrades: E3-E9
CDP: 05TZ, 05U0
NR Ind: N

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: MM, MMA
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

NOTES:
1. Type II or Universal certification in accordance with EPA mandate is required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 5/20/16.

4291 - Refrigeration and Air Conditioning Systems Technician
Starts, operates, performs organizational and/or intermediate level maintenance and overhauls all types of refrigeration, cooling and air conditioning equipment utilizing centrifugal or reciprocating compressors, including accessories and controls. Identifies abnormal conditions and corrects malfunctions that may lead to inadequate refrigeration, cooling or air conditioning. Performs refrigerant recovery and recycling in accordance with section 608 of the Clean Air Act as amended. Universal certification in accordance with EPA mandate is required.

Source Rating: MM, MMA, MMN
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

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
Source Rating: GM, AO
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)
**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:** Mandatory
- **CIN:**
- **ESTB Date:** REV Date: 4/6/15
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **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.

**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, SB
- **Billet Paygrades:** E3-E9
- **Personnel Paygrades:** E3-E9
- **Course:** Mandatory
- **CIN:** K-652-0232
- **ESTB Date:** REV Date: 9/15/15
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **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.

**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:** CM, EN, SB
- **Billet Paygrades:** E3-E6
- **Personnel Paygrades:** E3-E6
- **Course:** Mandatory
- **CIN:** A-652-0210
- **ESTB Date:** REV Date: 5/9/16
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **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
- **ESTB Date:** REV Date: 9/19/13
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **Technical Advisor:** SPECWAR
- **ECM:** BUPERS-32

**4307 - MTU 2000 Series Diesel Engine Technician**
Operates and performs organizational preventative maintenance, troubleshoots 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
- **ESTB Date:** REV Date: 9/10/15
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

4313 - Outboard Engine Maintenance Technician
Performs periodic and routine maintenance, preoperational and operational inspections, troubleshooting procedures, and repairing outboard engines.

Source Rating: MM, BM, CM, EM, EOD, HT, ND, SB, SO
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)

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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: A-652-0323  
ESTB Date: 9/19/13  
REV Date: 4/17/17  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
ESTB Date: 7/17/09  
REV Date: 4/17/17  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

4340 - NAMTS Diesel Engine, Governor, and Injector Repair Technician
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures 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 maintenance industrial machinery.

Source Rating: EN  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: V-652-4340  
ESTB Date: 6/10/16  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CIN: A-652-0167  
ESTB Date: 4/6/15  
REV Date: 4/6/15  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN: K-652-2205  
ESTB Date: 10/21/15  
REV Date: 10/21/15  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Personnel Paygrades: E4-E8

Billet Paygrades: E4-E7
CIN: K-062-0111  
ESTB Date: 11/6/15  
Related NEC: 4308  
Technical Advisor: NAVSEA 05
NR Ind: A  
Open to Women: Yes
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Personnel Paygrades: E3-E9

Billet Paygrades: E4-E7
CIN: K-652-2167 (P/L)  
ESTB Date: 4/78  
REV Date: 8/6/14  
Open to Women: Yes
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 analyzers, disintegrators, vertical turret lathes, and horizontal boring mills. Understanding the nature and physical properties of metal and alloys with demonstration and practice in metal testing, identification and heat treating.

Source Rating: MR  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Personnel Paygrades: E4-E9

Billet Paygrades: E4-E6
CIN: A-702-0029 (P/L)  
ESTB Date: 3/3/15  
Open to Women: Yes
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Personnel Paygrades: E5-E9

Billet Paygrades: E5-E6
CIN: A-702-0025  
ESTB Date: 5/7/15  
Open to Women: Yes
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 in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: MR  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Personnel Paygrades: E3-E9

Billet Paygrades: E3-E7
CIN: V-702-4405  
ESTB Date: 10/8/13  
Open to Women: Yes
ECM: BUEPRS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
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: MM, 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 boilers, 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 auxiliary 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
4541 - NAMTS Hydraulics Repair Technician
Performs Navy Afloat Maintenance Training Strategy (NAMTS) organizational and 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 maintenance industrial machinery.

Source Rating: ABE, ABF, GS, GSE, GSM, MM
Course: JQR, OJT
Sequence Code: 3
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E7
CIN: V-652-4541 (P/L)
ESTB Date: REV Date: 2/22/16
Related NEC: Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E9
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTE: Award of this NEC code 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/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

4542 - NAMTS Outside Machinist
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level 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 maintenance industrial machinery.

Source Rating: GS, GSM, MM
Course: JQR, OJT
Sequence Code: 3
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E7
CIN: V-652-4542 (P/L)
ESTB Date: REV Date: 6/10/16
Related NEC: Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E9
CDP: 02HN, 693C, 693D, 693J, 693K, 693L
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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
Course: Mandatory
Sequence Code: 2
Component NEC: Primary Advisor: OPNAV (N96)
Billet Paygrades: E5-E9
CIN: A-662-0017
ESTB Date: 6/26/14
Related NEC: Technical Advisor: NAVSEA
Personnel Paygrades: E5-E9
REV Date: NR Ind: R
CDP: 4020
Open to Women: Yes
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.
114

4603 - LPD-17 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 Operations Sequencing Systems (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.

Source Rating: EM
Course: Mandatory
Sequence Code: 4
Component NEC: 4150
Primary Advisor: OPNAV (N95)

4604 - LPD 17 Class Engineering Control System (ECS) Master Maintenance Technician
Perform organizational level preventive maintenance and corrective maintenance, system alignment, troubleshooting and fault isolation making use of the Built-in-Test (BIT) and applicable General Purpose Electronic Test Equipment (GPETE) on LPD 17 Class ECS. Supervise cross functional maintenance teams and coordinate ECS related repairs/actions to include Ship Wide Area Network (SWAN) and other system interfaces. Utilize technical manuals and Engineering Operations Sequencing System (EOSS) procedures. Perform tasks necessary to maintain the system with little or no Intermediate Level or Depot Level assistance.

Source Rating: EM
Course: Mandatory
Sequence Code: 4
Component NEC: 4149 and 4206
Primary Advisor: OPNAV (N95)

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
Course: Mandatory
Sequence Code: 5
Component NEC: 4149 and 4206
Primary Advisor: OPNAV (N96)/(N97)

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
Course: Mandatory
Sequence Code: 4
Component NEC: 4653, 4708, 4752
Primary Advisor: OPNAV (N96)

4641 - SSN 774 Integrated Low Pressure Electrolyzer Equipment Technician
Operates and performs organizational level maintenance on the Integrated Low Pressure Electrolyzer and associated equipment.

Source Rating: EM
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 4653, 4708, 4752
Primary Advisor: OPNAV (N97)
4651 - NAMTS Outside Electrical Repair Technician
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 maintenance industrial machinery.

Source Rating: EM, GS, GSE  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E3-E7  
CIN: V-662-4651 (P/L)  
ESTB Date: 6/10/16  
REV Date: 6/10/16  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E9  
CDP: 02HR, 12FE, 12GV, 13BT, 13MF, 682U, 6830, 6831, 6832  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: EM  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E3-E7  
CIN: V-662-4650 (P/L)  
ESTB Date: 7/30/13  
REV Date: 6/10/16  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E9  
CDP: 02HR, 13KW, 13M1, 727E, 727F, 727L, 727M, 727N  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

4653 - Low Pressure Electrolyzer (LPE) Maintainer
Performs required electrical maintenance on the Low Pressure Electrolyzer onboard submarines.

Source Rating: EMN  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E3-E7  
CIN: A-623-0050  
ESTB Date: 12/13/15  
REV Date: 12/13/15  
Related NEC: 4641, 4752  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E9  
CDP: 06A5, 06A6  
NR Ind: N  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E4-E7  
CIN: A-647-0019  
ESTB Date: 3/9/16  
REV Date: 3/9/16  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E7  
CDP: 06ST  
NR Ind: R  
Open to Women: Yes  
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 performs systems test on UNREP systems.

Source Rating: EM, IC  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: J-690-0029  
ESTB Date: REV Date: 2/17/16  
Related NEC:  
Technical Advisor: NAVSEA 05

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/17/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)/(N98)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN: A-690-0099  
ESTB Date: REV Date: 3/3/15  
Related NEC:  
Technical Advisor: NAVAIR, NAVSEA 05


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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E6  
CIN: C-604-0013  
ESTB Date: REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR, NAVSEA 05


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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)/(N98)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN: K-652-2204  
ESTB Date: REV Date: 3/3/15  
Related NEC:  
Technical Advisor: NAVAIR, NAVSEA 05


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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N43)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN: A-670-0043  
ESTB Date: REV Date: 9/9/15  
Related NEC:  
Technical Advisor: NAVSEA 05

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-662-0060 (P/L)  CDP: 12T1, 12T2
Sequence Code: 4  ESTB Date:  REV Date: 5/2/16  NR Ind: R
Component NEC:  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

INTERIOR COMMUNICATIONS ELECTRICIAN

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:  REV Date: 8/27/15  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: 2/17/16  NR Ind: R
Component NEC:  Related NEC: 4752  Open to Women: Yes
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N96)  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8

CIN: A-623-0022  
ESTB Date: REV Date: 2/20/16  
Related NEC: Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 970H  
NR Ind: R  
Open to Women: Yes

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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. Identifies, isolates, 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N96)  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E7

CIN: A-623-0002  
ESTB Date: REV Date: 6/24/13  
Related NEC: Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 09R2  
NR Ind: R  
Open to Women: Yes

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N96)  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8

CIN: K-670-2152  
ESTB Date: REV Date: 2/20/16  
Related NEC: Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 4703  
NR Ind: A  
Open to Women: Yes

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N96)  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8

CIN: A-670-0048  
ESTB Date: REV Date: 2/20/16  
Related NEC: Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 409L  
NR Ind: R  
Open to Women: Yes

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV (N96)  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9

CIN: A-670-0053  
ESTB Date: REV Date: 2/20/16  
Related NEC: Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 295S  
NR Ind: N  
Open to Women: Yes

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.
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 documentation; 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: Related NEC: 4738  
Primary Advisor: OPNAV (N96)  

NOTE: 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.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: Related NEC: 4741  
Primary Advisor: OPNAV (N96)  

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 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 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: Related NEC: 4741  
Primary Advisor: OPNAV (N96)  

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

4743 - Integrated Launch and Recovery Television Surveillance (ILARTS) System Maintenance Technician

Source Rating: IC  
Course: Mandatory  
Sequence Code: 4  
Component NEC: Related NEC: 4743  
Primary Advisor: OPNAV (N96)/(N98)  

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: A-191-0010  
ESTB Date: REV Date: 8/3/16  
Related NEC:  
Technical Advisor: NAVAIR, NAVSEA 05  
ECM: BUPERS-32

Source Rating: IC  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: A-191-0010  
ESTB Date: REV Date: 8/3/16  
Related NEC:  
Technical Advisor: NAVAIR, NAVSEA 05  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/3/16.

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 4746  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
CIN: S-198-0053  
ESTB Date: REV Date: 2/20/16  
Related NEC:  
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.
   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 “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: A-623-0039  
ESTB Date: REV Date: 12/13/15  
Related NEC: 4641, 4653, 4708  
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 - NEC Code Disestablished (Recode Billets & Personnel to 0000)

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  
Source Rating: EM  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E9  
CIN: A-623-0039  
ESTB Date: REV Date: 12/13/15  
Related NEC:  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E7  
CIN: J-623-0028  
ESTB Date: REV Date: 2/20/16  
Related NEC:  
Technical Advisor: NAVSEA 05  

Personnel Paygrades: E3-E9  
CDP: 587P  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

4777 - MK6 MOD 4D Digital Dead Reckoning Trace (DDRT) Technician

Source Rating: IC  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E3-E7  
CIN: A-623-2751  
ESTB Date: REV Date: 2/20/16  
Related NEC:  
Technical Advisor: NAVSEA 05  

Personnel Paygrades: E3-E7  
CDP: 722A  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E7  
CIN: A-670-0065  
ESTB Date: REV Date: 2/20/16  
Related NEC:  
Technical Advisor: NAVSEA 05  

Personnel Paygrades: E4-E7  
CDP: 201G  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N95)  

Billet Paygrades: E3-E6  
CIN: A-670-0064  
ESTB Date: REV Date: 8/3/16  
Related NEC:  
Technical Advisor: NAVSEA 05  

Personnel Paygrades: E3-E6  
CDP: 0094  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/3/16.

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E4-E6  
CIN: A-670-0058  
ESTB Date: REV Date: 2/20/16  
Related NEC:  
Technical Advisor: NAVSEA 05  

Personnel Paygrades: E4-E9  
CDP: 0968  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 2/20/16.
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: 4/6/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

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: E3-E7
Personnel Paygrades: E3-E9
Course: JQR, OJT
CIN: V-623-4781 (P/L)
CDP: 01JA, 68SE, 68SF, 685L, 685M, 685N
Sequence Code: 3
ESTB Date: REV Date: 6/10/16
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 tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. 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. Supervises and performs operational 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
HULL MAINTENANCE TECHNICIAN

4911 - NAMTS Shipfitter
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in fabricating and installing flat and a 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 maintenance industrial machinery.

Source Rating: HT  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
CIN: V-700-4911 (P/L)  
CDP: 02HS, 12FS, 12GW, 12ZX, 13MM, 725F, 725G, 725M, 725N, 725P  
ESTB Date: 6/10/16  
REV Date:  
NR Ind: N  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)/(N97)  

Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E9  
CIN: A-701-0033  
CDP: 576W  
ESTB Date: 7/5/12  
REV Date:  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 4942  
Primary Advisor: OPNAV (N96)/(N97)  

Billet Paygrades: E4-E6  
Personnel Paygrades: E4- E9  
CIN: A-701-0057  
CDP: 576Y  
ESTB Date: 7/5/12  
REV Date:  
NR Ind: R  
Open to Women: Yes  
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

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.

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 pipe in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: HT  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E9
Course: JQR, OJT  CIN: V-711-4952 (P/L)
Sequence Code: 3  ESTB Date:  REV Date: 6/10/16  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 tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current Job Qualification Requirement (JQR) located at https://navsea.portal.navy.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

4955 - Advanced Welder

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: 2/20/16  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 “NAVMAC Periodicity Review” completed 2/20/16.
4957 - Navy Afloat Maintenance Training Strategy (NAMTS) General Shipboard Welder/Brazer
Performs NAMTS operational and intermediate level maintenance procedures in welding plate or pipe and insert or face feed brazing. Demonstrates knowledge of operational and intermediate level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of industrial machinery.

Source Rating: HT
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E8
Course: OJT/JQR
CIN: V-700-4959 (P/L)
CDP: 13N2, 13N3, 13N4, 13N5, 13N6, 13N7, 13N8, 13N9, 13NA, 13NB
Sequence Code: 3
ESTB Date: 7/28/16
Related NEC: Open to Women: Yes
Component NEC: Rev Date: NR Ind: A
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

NOTES:
1. Award of this NEC code is based on documented completion of tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work specified in the current Job Qualification Requirement (JQR) located at https://navse.portal.navy.mil/field/cnrmc/namts/.
2. Training is led by journeyman-level craftsman and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
3. Personnel completing this qualification will be required to complete Prescribed Certification and re-certification requirements as directed by the Joint Fleet Maintenance manual (JFMM) and the NAVSEA 05 technical Publication S9074-AQ-GIB-010-248, Requirements for Welding and Brazing Procedure and Performance Qualification.

SPECIAL WARFARE/DIVER

5301 - UDT/SEAL Candidate
Volunteer for Basic Underwater Demolition/Seal (BUD/S), EOD or diver training.

Source Rating: ALL
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
Course: JQR
CIN: CDP:
Sequence Code: 4
ESTB Date: 5/12/15
Related NEC: Open to Women: YES
Component NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVSEA 05
Technical Advisor: SPECWAR

NOTE: This NEC code will not be used to identify billets. For diver qualifications and NEC code source ratings refer to MILPERSMAN 1220-100.

5306 - Naval Special Warfare (Combat Service Support)
Provides supply/logistics, health services, administrative command and control, communications, mission planning, small boat operations, weapons maintenance and other essential functions and tasks necessary to sustain the needs of all elements of operating forces in the theater at all levels of war.

Source Rating: ALL
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
Course: JQR
CIN: CDP:
Sequence Code: 4
ESTB Date: 5/12/15
Related NEC: Open to Women: YES
Component NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: SPECWAR

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
Course: PQS
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N95)

Billet Paygrades: CIN: ESTB Date: REV Date: 5/12/15
Related NEC: Technical Advisor: SPECWAR
Personnel Paygrades: E4-E9
NR Ind: A
Open to Women: YES
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.

5308 - NSW UAS Operator/Maintainer
NSW UAS Operator/Maintainer develops and inputs Air Vehicle (UV) flight plans, directs mission tasking, monitors, and provides control inputs to AVs in-flight. Operates all NSW UAS mission payloads and sensors during all phases of flight. Performs organizational maintenance to include Safe for Flight duties.

Source Rating: All
Course: OJT/JQR
Sequence Code: 3
Component NEC: 5306, 5307
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: CIN: ESTB Date: 8/15/16 REV Date:
Related NEC: Technical Advisor: NAVAIR PMA-263
Personnel Paygrades: E4-E9
NR Ind: A
Open to Women: YES
ECM: BUPERS-32

NOTES:
1. Expeditionary Combat Skills or (NSW equivalent) and Survival, Evasion, Resistance, and Escape courses are required. If already awarded 5306 or 5307 NEC codes will not be removed upon earning this NEC code.
2. TS/SCI Clearance required.
3. Flight physical must be completed prior to arrival in accordance with MANMED P-117.
4. Physical Qualification - Class Four UAV Physical.

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: Mandatory
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N96)

Billet Paygrades: CIN: ESTB Date: REV Date: 5/28/15
Related NEC: Technical Advisor: NAVSEA 05 (PMS-EOD)
Personnel Paygrades: E3-E9
NR Ind: A
Open to Women: YES
ECM: BUPERS-32

NOTES:
1. Awarded only to Naval Reserve personnel
2. Source Ratings are in accordance with MILPERSMAN 1220-100
5319 - 5328 - Special Warfare Combatant Swimmers

NOTES:
1. Assignment of NEC codes 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 code 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). 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 code 5323 or 5326.

5319 - Naval Special Warfare (NSW) Sniper
Performs operations relating to ballistics, cameras, lasers, shooting records, minutes of angle, shooter/spotter dialogue, range estimation, observation, camouflage, sniper weapon systems and engaging targets.

Source Rating: SO  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 5326  
Primary Advisor: SPECWARCOM  

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: K-431-0129  
ESTB Date: 2/22/16  
REV Date: 4/26/16  
Technical Advisor: SPECWARDEVGRU  
CDP: 749T, 750W  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Personnel will retain previously earned Component NEC 5326 upon being awarded NEC code 5319.

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:  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: COMNAVSPECWARCOM  

Billet Paygrades: E3-E5  
Personnel Paygrades: E2-E5  
CIN: K-431-0024  
ESTB Date:  
REV Date: 3/9/16  
Technical Advisor: CENSEALSWCC  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: 5326  
Primary Advisor: COMNAVSPECWARCOM  

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: K-431-0040  
ESTB Date:  
REV Date: 3/9/16  
Technical Advisor: CENSEALSWCC  
NR Ind: R  
Open to Women: Yes  
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
Course: Mandatory
Sequence Code: 2
Component NEC: 5320
Primary Advisor: COMNAVSPECWARCOM
Billet Paygrades: E3-E9
ESTB Date: 3/9/16
CIN: K-431-0059
Component NEC: 5323
Technical Advisor: CENSEALSWCC
ESTB Date: REV Date: 3/9/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/13/15.

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, CU, EM, EN, EO, ET, GM, HM, HT, IC, IT, LS, MM, MN, OS, PR, QM, STG
Course: 4
Sequence Code: 1
Component NEC: Related NEC: 5328
Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E9
ESTB Date: REV Date: 3/9/16
CIN: CDP:
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC: 5329
Primary Advisor: SPECWAR
Billet Paygrades: E3-E9
ESTB Date: REV Date:
CIN: CDP:
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 5330
Primary Advisor: OPNAV (N95)
Billet Paygrades: E2-E5
ESTB Date: REV Date: 5/13/15
CIN: CDP:
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 1
Component NEC: 5330
Primary Advisor: OPNAV (N95)

5335 - Senior EOD Technician
In addition to 5333 skills, also performs, supervises and provides training in EOD operations.

Source Rating: EOD
Course:
Sequence Code: 1
Component NEC: 5333
Primary Advisor: OPNAV (N95)

5337 - Master EOD Technician
In addition to 5335 also plans EOD operations.

Source Rating: EOD
Course:
Sequence Code: 1
Component NEC: 5335
Primary Advisor: OPNAV (N95)

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 initial 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; biometric materials; 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
Course: JQR, OJT
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N95)

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.
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: Mandatory
Course: Source Rating: Mandatory
Sequence Code: 4
Component NEC: 5309 and 5345
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E9
CIN: A-431-0056
ESTB Date: 5/28/15
Related NEC: Technical Advisor: NAVSEA 05 (PMS-EOD)

Personnel Paygrades: E3-E9
CDP: 444H
NR Ind: A
Open to Women: Yes
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.

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. Directs and Supervises USN, DOD military and other personnel in diving Procedures and equipment. Trains 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
Course: Mandatory
Sequence Code: 1
Component NEC: 5342
Primary Advisor: OPNAV (N97)

Billet Paygrades: E8-E9
CIN: A-433-0019
ESTB Date: 7/31/13
Related NEC: Technical Advisor: NAVSEA 05

Personnel Paygrades: E7-E9
CDP: 2040
NR Ind: R
Open to Women: Yes
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 and equipment. Trains in advanced diving physics, medicine and saturation diving techniques. Directs and supervises surface and underwater demolition operations 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
Course: Mandatory
Sequence Code: 1
Component NEC: 5343
Primary Advisor: OPNAV (N97)

Billet Paygrades: E6-E8
CIN: A-433-0025
ESTB Date: 7/31/13
Related NEC: Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E8
CDP: 2082
NR Ind: R
Open to Women: Yes
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  
Course: Mandatory  
Sequence Code: 1  
Component NEC: OPNAV (N97)  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E4-E5  
Personnel Paygrades: E3-E6  
CIN: A-433-0022  
ESTB Date: 7/31/13  
REV Date: 7/31/13  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
CDP: 6418  
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:  
Course:  
Sequence Code: 4  
Component NEC:  
Primary Advisor:  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: 10/96  
REV Date: 5/15/15  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: OPNAV N873  
CDP:  
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 science and is able to recognize all types of decompression sickness and diving accidents.

Source Rating:  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor:  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-433-0023  
A-433-0052  
ESTB Date: 1/70  
REV Date: 7/6/16  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: NAVSEA 05  
CDP: 6419  
385G  
ECM: BUPERS-32

NOTES:  
1. Source Ratings are in accordance with MILPERSMAN 1220-100.  
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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:  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor:  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-431-0049  
ESTB Date: 5/28/15  
REV Date: 5/28/15  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: NAVSEA 05 (PMS-EOD)  
CDP: 066F  
ECM: BUPERS-32

NOTES:  
1. Only personnel holding 533X, 534X series or 8493 NEC codes are eligible for this NEC code.  
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:  3/9/16  NR Ind:  A
Component NEC:  Related NEC:  Open to Women:  Yes
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:  3/9/16  NR Ind:  A
Component NEC:  5350  Related NEC:  Open to Women:  Yes
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.

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.

5391 - Naval Special Warfare (NSW) Special Operations Tactical Medic (SO-TM)

Provides tactical combat medical care in support of NSW training and operations. Performs all aspects of advanced combat trauma medicine from point of injury to casualty evacuation utilizing all tenets of Tactical Combat Casualty Care (TCCC), care under fire, initial assessment, treatment, stabilization, triage and transport of casualties incurred at the tactical and maneuver level during combat operations. Provides basic to advanced life support to include advanced airway procedures, pain management, environmental emergencies, diving and hyperbaric medicine, advanced first aid, TCCC, and emergency care for diving casualties. Instruct personnel in TCCC and acts as the operational subject matter expert for all medical tactics, techniques, and procedures for NSW and Special Operations Forces.

Source Rating:  SB, SO  Billet Paygrades:  E3-E7  Personnel Paygrades:  E3-E7
Course:  Mandatory  CIN:  K-431-7001  CDP:  10Y4
Sequence Code:  3  ESTB Date:  REV Date:  4/13/16  NR Ind:  R
Component NEC:  Related NEC:  Open to Women:  Yes
Primary Advisor:  SPECWARCOM  Technical Advisor:  SPECWARCOM  ECM:  BUPERS-32
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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N95)
Primary Advisor: OPNAV (N95)

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.
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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV N434
Primary Advisor: OPNAV N434

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)
Sequence Code: 3
ESTB Date: 8/10/12
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVFACENG

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   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.

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
Course: Factory Training
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
Sequence Code: 4
ESTB Date: 9/9/15
Component NEC: Related NEC:
Primary Advisor: OPNAV N434
Technical Advisor: NAVFACENG

NOTES:
1. Seabees detailed to UPS maintenance billets will be sent en route 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.

5633 - Mobile Utilities Support Equipment (MUSE) Technician
Performs tasks associated with the installation, inspection, termination, operation, troubleshooting, repair and life cycle management of utility grade critical power systems, to include power generation, transformation and distribution of shore based utilities.

Source Rating: BU, CE, CM, CU, EA, EO, SW, UT, UC, EQ
Course: Mandatory
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVFACENG

NOTES:
1. Billets require Commander Naval Facilities Engineering Command’s concurrence to be coded with this NEC.
2. Last reviewed during “NAVMAC Periodicity Review” refresh completed 8/3/16.
5635 - Advanced Construction Electrician
Employs the principles and techniques of foremanship. Applies advanced principles of electrical theory. Plans and troubleshoots to a component level. Installs and maintains an airfield lighting system and electrical transmission system. Operates and maintains electrical power plants. Must be familiar with the fundamentals of solid state circuitry. Locates faults in 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


5644 - Cable Splicing Technician
Reads and interprets manufacturers' drawings to splice and terminate single and multiple conductor cables used in high voltage distribution systems. Reads and interprets manufacturers' 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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV N434
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E8
CIN: A-730-0014
ESTB Date: REV Date: 9/9/15
Related NEC: Technical Advisor: NAVFACENG
Personnel Paygrades: E5-E8
CDP: 747T
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV N434
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E7
CIN: A-730-0019
A-730-0021
ESTB Date: REV Date: 9/9/15
NR Ind: A
Open to Women: Yes
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:
   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 earthwork operations. Applies principles of asphalt paving and operates, adjusts and services asphalt paver, asphalt distributor 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.

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   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.

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

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: CE, CM, CU, EO, SW, EA  Billet Paygrades: E3-E8  Personnel Paygrades: E3-E8
Course: Mandatory  CIN: K-062-0102  CDP: 315V
Sequence Code: 4  ESTB Date: 1/13/16  REV Date: 1/13/16
Component NEC: Related NEC:  NR Ind: R
Primary Advisor: CIVIL ENG, OPNAV N434  Technical Advisor: NAVFACENG  Open to Women: Yes

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: Mandatory  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. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   c. Completion of OJT and recommendation from the Commanding Officer. Recommend use of JQR/PQS as means of documenting OJT.
2. Submit Navy Personnel (NAVPERS) 1221/6 with supporting documentation to PERS-4013 via the respective ECM for awarding of 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: 4/23/2012  NR Ind: A
Component NEC: 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 NEC codes 5907, 5908, and 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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N95)
Primary Advisor: OPNAV

Billet Paygrades: E4-E6
Personnel Paygrades: E4-E6
CIN: A-710-0057(P/L)
ESTB Date: 8/10/12
Related NEC:
Technical Advisor: NAVFACENG

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

Source Rating: BU
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV N434
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E6
Personnel Paygrades: E5-E6
CIN: A-712-0010
ESTB Date: 9/9/15
Related NEC:
Technical Advisor: NAVFACENG

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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV N434
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
CIN: A-412-0012
ESTB Date: 4/17/14
Related NEC:
Technical Advisor: NAVFACENG

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/9/15.
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
Sequence Code: 2
Component NEC: 5932, 5342
Primary Advisor: OPNAV N434
CIN: A-433-0037
ESTB Date: REV Date: 1/3/13
Related NEC: Open to Women: Yes
Technical Advisor: NAVFACENG
CDP: 4502
NR Ind: R
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
Sequence Code: 2
Component NEC: 5932
Primary Advisor: OPNAV N434
CIN: A-433-0036
ESTB Date: REV Date: 1/3/13
Related NEC: Open to Women: Yes
Technical Advisor: NAVFACENG
CDP: 4500
NR Ind: A
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. Posesses 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
Sequence Code: 4
Component NEC: 5931
Primary Advisor: OPNAV N434
CIN: A-433-0019
ESTB Date: REV Date: 9/9/15
Related NEC: Open to Women: Yes
Technical Advisor: NAVFACENG
CDP: 2040
NR Ind: N
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 
CIN: A-710-0001 
CDP: 05BV 
Course: Mandatory 
ESTB Date: REV Date: 4/26/17 
NR Ind: N 
Sequence Code: 4 
Related NEC: Open to Women: Yes 
Component NEC: Technical Advisor: NAVFACENG 
Primary Advisor: OPNAV N434 
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.
3. Submit NAVPERS 1221/6 via ECM, to PERS-4013 for award.
4. Candidates to Naval Support Unit must be 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 
CIN: A-711-0030 (P/L) 
CDP: 09DW, 09DV 
Course: 
ESTB Date: REV Date: 8/10/12 
NR Ind: A 
Sequence Code: 3 
Related NEC: Open to Women: Yes 
Component NEC: Technical Advisor: NAVFACENG 
Primary Advisor: OPNAV (N95) 
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
   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: CU, SW
Course: Mandatory
Sequence Code: 3
Component NEC: 6010
Primary Advisor: CSFE (N7)

Billet Paygrades: E6-E8
Personnel Paygrades: E5-E8
CIN: A-711-0031
ESTB Date: 4/18/2012 REV Date: 1/13/16
Related NEC:
Technical Advisor: CSFE (N7A25)

NOTE: Component NEC code not required for Personnel Paygrades E7-E8.

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, CE, CM, CU, EA, EO, SW, UT
Course: Mandatory
Sequence Code: 7
Component NEC:
Primary Advisor: OPNAV N434

Billet Paygrades: E6-E8
Personnel Paygrades: E6-E8
CIN: A-493-0021
ESTB Date: REV Date: 1/13/16
Related NEC:
Technical Advisor: NAVFACENG

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

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
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E6
Personnel Paygrades: E5-E6
CIN: A-720-0035 (P/L)
ESTB Date: REV Date: 9/9/15
Related NEC:
Technical Advisor: NAVFACENG

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)  
**ESTB Date:** REV Date: 8/14/12  
**NR Ind:** A  
**Open to Women:** Yes

**Sequence Code:** 3  
**Component NEC:**  
**Primary Advisor:** OPNAV (N95)  
**Related NEC:**  
**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
   
   
   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 ADMINISTRATION MAN**

**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  
**ESTB Date:** REV Date: 12/14/16  
**NR Ind:** A  
**Open to Women:** Yes

**Sequence Code:** 4  
**Component NEC:**  
**Primary Advisor:** OPNAV(N98)  
**Related NEC:**  
**Technical Advisor:** NAVAIR  
**ECM:** BUPERS-32

**NOTES:**

1. Prerequisites for AZ source rating E-3 paygrade prior to attending NEC code 6302 training:

   a. Shall have served a minimum of twelve (12) months at first duty station.
   
   b. Shall complete, Apprentice AZ Personnel Qualification Standard, approved by Commander, Naval Air Forces, N422.
   
   c. Unit level AMO review and approve request for personnel in the E-3 paygrade to attend training.

2. Last reviewed during “AZ HPRR” completed 12/14/16.

**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:** E5-E8  
**Personnel Paygrades:** E5-E8

**Course:** Mandatory  
**CIN:** C-555-2016 (P/L)  
**ESTB Date:** REV Date: 10/11/16  
**NR Ind:** R  
**Open to Women:** Yes

**Sequence Code:** 3  
**Component NEC:**  
**Primary Advisor:** OPNAV(N98)  
**Related NEC:**  
**Technical Advisor:** NAVAIR  
**ECM:** BUPERS-32

**NOTES:**

1. Current E4 personnel will retain this previously earned NEC code; and there will be no new assignment of this NEC code to E4 personnel.

2. Last reviewed during “NAVMAC Periodicity Review” completed 10/11/16.
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E5-E8  
CIN: C-555-2015 (P/L)  
ESTB Date: 10/11/16  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E5-E8  
CDP: 436T  
REV Date: 10/11/16  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. Current E4 personnel will retain this previously earned NEC code; and there will be no new assignment of this NEC code to E4 personnel.
2. Last reviewed during “NAVMAC Periodicity Review” completed 10/11/16.

AVIATION MACHINISTS 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E5-E7  
CIN: A-491-0017  
ESTB Date: 1/4/16  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E5-E7  
CDP: 624R  
REV Date: 1/4/16  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E3-E7  
CIN: C-601-3137  
ESTB Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E7  
CDP: 4637  
REV Date: 6/11/15  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32


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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E3-E7  
CIN: C-601-3001 (P/L)  
ESTB Date: 6/11/15  
Related NEC: 6423  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E7  
CDP: 949G  
REV Date: 6/11/15  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

### 6420 - F-404 Turbofan Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance and required engine inspections. Incorporates engine technical directives.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>AD</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>Mandatory</td>
<td>CIN: C-601-3867</td>
<td>CDP: 117D</td>
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<tr>
<td>Sequence Code:</td>
<td>5</td>
<td>ESTB Date: REV Date: 4/22/16</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

### 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.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>AD, AE</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tbody>
<tr>
<td>Course:</td>
<td></td>
<td>CIN: C-601-3011 (P/L)</td>
<td>CDP: 988N</td>
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<tr>
<td>Sequence Code:</td>
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<td>ESTB Date: REV Date: 7/31/13</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
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<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. NEC code is awarded in accordance with COMNAVAIRFORINST 4790.2 series, Chapter 10.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

### 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.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>AD</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
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<tr>
<td>Course:</td>
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<td>Sequence Code:</td>
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<td>ESTB Date: REV Date: 6/11/15</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
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<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>AD</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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</thead>
<tbody>
<tr>
<td>Course:</td>
<td>Mandatory</td>
<td>CIN: C-601-4866</td>
<td>CDP: 436U, 436V</td>
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<td>Sequence Code:</td>
<td>4</td>
<td>ESTB Date: REV Date: 4/6/16</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td></td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>


### 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.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>AD</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>Mandatory</td>
<td>CIN: C-601-4866</td>
<td>CDP: 436U, 436V</td>
</tr>
<tr>
<td>Sequence Code:</td>
<td>4</td>
<td>ESTB Date: REV Date: 4/6/16</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td></td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.
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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)

Billet Paygrades: E4-E6
CIN: C-601-4408
ESTB Date: REV Date: 6/11/15
Technical Advisor: NAVAIR

Personnel Paygrades: E4-E6
CDP: 548G, 985E
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32


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
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: M-601-3090 (P/L)
ESTB Date: REV Date: 6/11/15
Technical Advisor: NAVAIR

Personnel Paygrades: E3-E6
CDP: 217X
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32


AVIATION ELECTRONICS TECHNICIAN

6526 - Aviation ASW (MAD) IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT
Course: PQS
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)

Billet Paygrades: E4-E6
CIN: C-130-9057 (P/L)
ESTB Date: REV Date: 11/21/14
Technical Advisor: NAVAIR

Personnel Paygrades: E3-E7
CDP: 552T
NR Ind: R
Open to Women: Yes
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).

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
Course: PQS
Sequence Code: 5
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E7
CIN: C-102-3596
ESTB Date: REV Date: 8/24/15
Technical Advisor: NAVAIR

Personnel Paygrades: E3-E7
CDP: 420W
NR Ind: R
Open to Women: Yes
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  
Course: OJT  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E7  
Billet Paygrades: E4-E7  
CDP:  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  


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  
Course: OJT  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E8  
Billet Paygrades: E3-E8  
CDP:  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  


6605 - Aircraft Radar Altimeter Equipment IMA Technician
Performs intermediate level maintenance on Aircraft Radar Altimeter Equipment.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E6  
Billet Paygrades: E3-E6  
CDP: 296B, 296C  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32  


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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E6  
Billet Paygrades: E3-E6  
CDP: 495T, 1161  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  


6609 - Aircraft Electronic Identification (IFF) IMA Technician
Repairs various interrogators and transponders at the intermediate maintenance level.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E6  
Billet Paygrades: E3-E6  
CDP: 291X, 420G, 487C  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  


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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
CIN:  
ESTB Date:  
REV Date: 6/11/15  
Related NEC:  
Technical Advisor: NAVAIR  
Personnel Paygrades: E3-E6  
Billet Paygrades: E3-E6  
CDP: 557J  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  

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


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


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


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


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


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

6640 - EP-3E ESM OMA Technician
Performs organizational level maintenance on ESM systems in support of EP-3E aircraft.

Source Rating: AT
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV (N88)
Primary Advisor: OPNAV (N88)

NOTES: Upon award of this NEC code, the 1589 NEC code will be removed from individual’s record.

6704 - Consolidated Automated Support System (CASS) Family of Testers (FoT) Common Configurations Operator
Operates and performs scheduled maintenance on the CASS Family of Testers (FoT) and associated Automated Test Equipment (ATE). Executes and monitors test programs and repairs avionics Units Under Test (UUTs) through Removal and Replacement (R&R) of faulty Shop Replaceable Assemblies (SRAs) using the CASS FoT.

Source Rating: AT
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

6705 - Consolidated Automated Support System (CASS) Family of Testers (FoT) Advanced Maintenance/Calibration
Performs scheduled maintenance, including on-line calibration/certification, lubrication, and cleaning. Performs unscheduled maintenance including diagnostic troubleshooting, in-depth maintenance, and software analysis on associated CASS FoT Automated Test Equipment (ATE).

Source Rating: AT
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)
6710 - P-3 Navigation System Equipment Technician
Performs intermediate level maintenance on P-3 navigation system equipment.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC: OPNAV(N98)  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-102-6172 (P/L)  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: OPNAV(N98)  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-198-4873  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: OPNAV(N98)  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E3-E5  
Personnel Paygrades: E3-E5  
CIN: C-198-3021  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: OPNAV(N98)  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-102-6171 (P/L)  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 6673  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E6  
CIN: C-198-2011  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 6716  
Primary Advisor: OPNAV(N98)  
Renewed: 7/13/15

Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E6  
CIN: C-198-3022  
ESTB Date: REV Date: 7/13/15  
Open to Women: Yes  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 7/13/15.
6723 - Consolidated Automated Support System (CASS) Family of Testers (FoT) (RADAR) IMA Technician
Operates the CASS Family of Testers (FoT) and associated Automated Test Equipment (ATE), 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 FoT. This will include in-depth circuit analysis, adjust/repair, and serviceability verification of airborne radar systems utilizing associated Automated Test Equipment (ATE).

Source Rating: AT
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-198-6104 (P/L)
ESTB Date: REV Date: 2/12/16
Related NEC: NAVAIR
Technical Advisor: NAVAIR

Personnel Paygrades: E3-E6
CDP: 6069, 632V
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Must possess a secret clearance.

6724 - Consolidated Automated Support System (CASS) Family of Testers (FoT) (EO) IMA Technician
Operates the CASS Family of Testers (FoT) and associated Automated Test Equipment (ATE) and perform fault isolation and maintenance on aircraft Electro Optics (EO) Units Under Test (UUTs), utilizing the EO configuration of the CASS FoT. This will include in-depth circuit analysis, adjust/repair, and serviceability verification of aircraft Forward Looking Infrared (FLIR) systems utilizing associated Automated Test Equipment (ATE).

Source Rating: AT
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-198-6105 (P/L)
ESTB Date: REV Date: 2/12/16
Related NEC: NAVAIR
Technical Advisor: NAVAIR

Personnel Paygrades: E3-E6
CDP: 6071, 632U
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Must possess a secret clearance.

6725 - Consolidated Automated Support System (CASS) Family of Testers (FoT) (EW) IMA Technician
Operates the CASS Family of Testers (FoT) and associated Automated Test Equipment (ATE), as well as perform fault isolation and maintenance on aircraft Electronic Warfare (EW) Units Under Test (UUTs) utilizing the RF and High Power configurations of the CASS FoT. This will include in-depth circuit analysis, adjust/repair, and serviceability verification of the airborne EW equipment and associated SRAs utilizing associated Automated Test Equipment (ATE).

Source Rating: AT
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-198-6111 (P/L)
ESTB Date: REV Date: 2/12/16
Related NEC: 6704, 6723

Personnel Paygrades: E3-E6
CDP: 10HN
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Must possess a secret clearance.

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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E7
CIN: C-646-7007 (P/L)
ESTB Date: REV Date: 7/13/15
Related NEC: NAVAIR

Personnel Paygrades: E3-E7
CDP: 555C, 569A, 432W
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 7/13/15.

6802 - Strike Intermediate Armament Maintenance
Performs intermediate level maintenance on strike aviation armament equipment.

Source Rating: AO
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E7
CIN: C-646-3118
ESTB Date: REV Date: 7/13/15
Related NEC: NAVAIR

Personnel Paygrades: E3-E7
CDP: 1068, 552A
NR Ind: R
Open to Women: Yes
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.

<table>
<thead>
<tr>
<th>Source Rating: AO</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-646-3108</td>
<td>CDP: 0369, 036K</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 12/22/14</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**6811 - Armament Weapons Support Equipment Technician**

Performs Organizational and Intermediate level maintenance on ASWE, including pre/post operations, scheduled maintenance for fault isolation, and removal/replacement of components.

<table>
<thead>
<tr>
<th>Source Rating: AO</th>
<th>Billet Paygrades: E3-E5</th>
<th>Personnel Paygrades: E3-E5</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-646-3109</td>
<td>CDP: 5095, 5096</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 12/22/14</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: AO</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E6-E9</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-646-0010</td>
<td>CDP: 992Y</td>
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<tr>
<td>Sequence Code: 2</td>
<td>ESTB Date: REV Date: 10/5/16</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC: 6801, 6802</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: AC</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-222-2022</td>
<td>CDP: 708L</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 7/13/15</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Source Rating: AC</th>
<th>Billet Paygrades: E3-E9</th>
<th>Personnel Paygrades: E3-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-222-2012</td>
<td>CDP: 708M</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date:</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N98)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N98) (N96)

Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: C-222-2019  
ESTB Date: 8/20/15  
Related NEC:  
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  
Course: Mandatory  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV

Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: C-222-2023  
ESTB Date: 7/13/15  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 7/13/15.

6905 - Carrier Air Traffic Control Center (CATCC) Operator

Performs fundamental CATCC functions commensurate with appropriate skill set. Performs as Aviation Management and Control System (ADMACS)/Flight Operations Management System (FOMS) operators in the CATCC environment, and as Precision Approach and landing System Final Controller. Target acquisition is performed utilizing CATCC Direct Altitude and Identity readout (DAIR).

Source Rating: AC  
Course: Mandatory  
Sequence Code: 6  
Component NEC:  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3  
Personnel Paygrades: E1-E3  
CIN: C-222-2014  
ESTB Date: 2/8/17  
REV Date: 2/8/17  
Related NEC: 6902  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Must possess a current medical recommendation for Flying or Special Operational Duty (DD 2992) signed by a Naval Flight Surgeon.

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  
Course:  
Sequence Code: 4  
Component NEC: 6901  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9  
Personnel Paygrades: E4-E9  
CIN:  
ESTB Date: 8/31/11  
REV Date: 4/6/16  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.
**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.

<table>
<thead>
<tr>
<th>Source Rating: AC</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E4-E9</th>
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<tr>
<td>Course:</td>
<td>CIN:</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: 8/31/11 REV Date: 4/6/16</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 6902</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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**NOTES:**

1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

**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.

<table>
<thead>
<tr>
<th>Source Rating: AC</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
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<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 8/31/11 REV Date: 4/6/16</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 6903</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</table>

**NOTES:**

1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

**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.

<table>
<thead>
<tr>
<th>Source Rating: AC</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E4-E9</th>
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</thead>
<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 8/31/11 REV Date: 4/6/16</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 6903</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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**NOTES:**

1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.
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
Course: Billet Paygrades: E4-E9 Personnel Paygrades: E4-E9
Sequence Code: 4 ESTB Date: 8/31/11 REV Date: 4/6/16 NR Ind: R
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N98) Technical Advisor: NAVAIR ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

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
Course: Billet Paygrades: E4-E8 Personnel Paygrades: E4-E9
Sequence Code: 4 ESTB Date: 8/31/11 REV Date: 4/6/16 NR Ind: R
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N98) Technical Advisor: NAVAIR ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

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
Course: Billet Paygrades: E4-E9 Personnel Paygrades: E4-E9
Sequence Code: 4 ESTB Date: 8/31/11 REV Date: 4/6/16 NR Ind: R
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N98) Technical Advisor: NAVAIR ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

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
Course: Mandatory Billet Paygrades: E5-E8 Personnel Paygrades: E4-E8
Sequence Code: 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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

<table>
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<th>Source Rating</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E4-E9</th>
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<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</tr>
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</table>

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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 7004 or 7005  
Primary Advisor: OPNAV(N98)  

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<th>Source Rating</th>
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<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</table>

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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

<table>
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<td>Related NEC:</td>
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<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</table>

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N98)  

<table>
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<th>Source Rating</th>
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<td>Related NEC:</td>
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<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</table>

NOTE: NEC code is awardable to ABH source rating ONLY for Active Duty Component personnel and is awardable to ALL source ratings for Reserve Component personnel. The primary non-ABH personnel to be assigned NEC code 7012 will be associated with the Navy Reserve Commander Navy Installations Command, Fire and Emergency Services (NR CNIC F&ES) program in the following units: NR CNIC HQ, UIC 83612; NR CNIC F&ES Det A, UIC 83469; NR CNIC F&ES Det B, UIC 87034; NR CNIC F&ES Det C, UIC 87842; NR CNIC F&ES Det D, UIC 4044S; and EURAFSWA Support Unit, UIC 86849.
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
Course: Mandatory
CIN: C-821-2014
Sequence Code: 5
ESTB Date: 7/13/15
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E4-E8
CDP: 4788
REV Date: 7/13/15
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
CIN: C-102-4057
Sequence Code: 5
ESTB Date: 8/26/15
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E6
CDP: 0504, 492X
REV Date: 8/26/15
NR Ind: A
Open to Women: Yes
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
Course: OJT
CIN: C-602-3517
Sequence Code: 5
ESTB Date: 8/26/15
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E6
CDP: 773W
REV Date: 8/26/15
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
CIN: C-602-3517
Sequence Code: 5
ESTB Date: 8/26/15
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E7
CDP: 773W
REV Date: 8/26/15
NR Ind: A
Open to Women: Yes
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
Course: OJT
CIN: C-821-2014
Sequence Code: 5
ESTB Date: 8/26/15
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E6
CDP: 4788
REV Date: 8/26/15
NR Ind: R
Open to Women: Yes
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.

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.

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:  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

Course: Mandatory  CIN: C-602-5056 (P/L)  CDP: 3251
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 “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
Course: OJT
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N98)
Billet Paygrades: E3-E8
CIN:
ESTB Date: REV Date: 10/9/15
Related NEC:
Technological Advisor: NAVAIR
Personnel Paygrades: E3-E8
CDP:
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: Primary Advisor: OPNAV (N98)
Billet Paygrades: E3-E6
CIN: C-602-3869
ESTB Date: REV Date: 10/9/15
Related NEC:
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E6
CDP: 119X, 493X
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 6
Component NEC: Primary Advisor: OPNAV (N88)
Billet Paygrades: E3-E7
CIN: C-602-3191
ESTB Date: REV Date: 12/22/14
Related NEC:
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E7
CDP: 0530, 493F
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N88)
Billet Paygrades: E4-E6
CIN: E-602-4011
ESTB Date: REV Date: 12/22/14
Related NEC: 7212
Technical Advisor: NAVAIR
Personnel Paygrades: E4-E6
CDP: 644R
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: Primary Advisor: OPNAV (N98)
Billet Paygrades: E4-E6
CIN: N-701-0007 (AM)
ESTB Date: REV Date: 4/6/16
Related NEC: N-701-0009 (AS)
Technical Advisor: NAVAIR
Personnel Paygrades: E4-E6
CDP: 884X, 907S, 9119, 931F
NR Ind: R
Open to Women: Yes
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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N98)  

Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
CIN: C-603-3191  
ESTB Date:  
REV Date: 10/9/15  
Related NEC:  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N88)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-4611  
ESTB Date:  
REV Date: 10/11/12  
Related NEC:  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: (N88)  

Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-4011 (P/L)  
ESTB Date:  
REV Date: 2/28/13  
Related NEC:  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N98)  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: C-603-3868  
ESTB Date:  
REV Date: 10/9/15  
Related NEC:  
Open to Women: Yes  
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 high risk 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
Course: CIN:
Sequence Code: 3
ESTB Date: REV Date: 7/23/15
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVAIR

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: EOD, ND, SB, SO
Billet Paygrades: E3-E9
Course: Mandatory
Sequence Code: 4
ESTB Date: REV Date: 2/16/17
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVAIR

Notes:
1. NEC code awardable upon completion of Army courses 431-F3-PARA NAVY or 860-43E10.
2. NEC code 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. All PRs in paygrade E3-E4 who previously attained NEC code 7353 will be allowed to maintain NEC code.

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
Course: Mandatory
Sequence Code: 5
ESTB Date: REV Date: 8/26/15
Component NEC:
Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR

Note: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.
7412 - Meteorological and Oceanographic (METOC) Forecaster
Conducts a broad range of METOC forecasting activities to be performed in a wide variety of contexts in the generation of METOC products and operational recommendations. Assesses the impact of the elements of the physical environment (Land/Sea/Air/Space) and land/sea interface on both friendly and enemy platforms, sensors and weapon system performance, safety of flight and navigation, and naval/joint operations and missions. Evaluates numerical model performance to quantify the accuracy and reliability of future performance. Analyzes hydrographic features and elements on nautical/navigation charts and forecasts METOC conditions on Synoptic, Meso, and Micro scales. Analyzes side-scan, multi-beam, and single-beam sonar imageries. Collects and analyzes ocean bottom data using unmanned underwater vehicles. Creates climatological studies supporting Naval Warfare Planning. Produces forecasts and warnings. Characterizes the operating environment and recommends courses of action to enhance the warfighters’ ability to exploit the physical environment for successful mission accomplishment. Briefs forecasted METOC conditions in support of Warfare Operations (e.g. Anti-Submarine Warfare (ASW), Mine Warfare (MIW), Strike Warfare (STW), Navy Special Warfare (NSW)). Distributes data internally and externally to aircraft, ships, and shore activities via communication devices/web-centric architecture.

Source Rating: AG
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV N960
Primary Advisor: OPNAV
Billet Paygrades: E4-E6
ESTB Date: 5/20/16
REV Date: 5/20/16
Personnel Paygrades: E4-E6
CDP: 390P
Related NEC: Open to Women: Yes
Technical Advisor: NAVMETOC
ECM: BUPERS-32

NOTES:
1. NEC may be granted to Selected Reserve personnel by COMNAVMETOCOM, upon completion of applicable training courses as determined by COMNAVMETOCOM.
2. Last reviewed during “NAVMAC Periodicity Review” completed 5/20/16.

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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)
Billet Paygrades: E3-E6
ESTB Date: 5/8/14
REV Date: 5/8/14
Personnel Paygrades: E3-E6
CDP: 628Y
Related NEC: Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)
Billet Paygrades: E3-E6
ESTB Date: 8/26/15
REV Date: 8/26/15
Personnel Paygrades: E3-E6
CDP: 554T, 568L
Related NEC: Open to Women: Yes
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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV(N98)
Primary Advisor: OPNAV(N98)
Billet Paygrades: E3-E6
ESTB Date: 4/6/16
REV Date: 4/6/16
Personnel Paygrades: E3-E6
CDP: 747C, 747D
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7010 (P/L)  
ESTB Date: REV Date: 8/26/15  
Related NEC:  
Technical Advisor: NAVAIR  

CDP: 554R, 568H  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N98)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: C-500-3202  
ESTB Date: REV Date: 8/26/15  
Related NEC:  
Technical Advisor: NAVAIR  

CDP: 489Y, 547V  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7070 (P/L)  
ESTB Date: REV Date: 8/26/15  
Related NEC:  
Technical Advisor: NAVAIR  

CDP: 553K, 568T  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

7614 - Mobile Electric Power Plants Intermediate Maintenance Technician
Performs on-equipment repair and intermediate maintenance on 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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7080  
ESTB Date: REV Date: 6/27/16  
Related NEC:  
Technical Advisor: NAVAIR  

CDP: 553M, 568V  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7065 (P/L)  
ESTB Date: REV Date: 8/26/15  
Related NEC:  
Technical Advisor: NAVAIR  

CDP: 568S  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E5-E6  
Personnel Paygrades: E5-E6  
CIN: C-602-3307  
ESTB Date: REV Date: 10/11/12  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7090 (P/L)  
ESTB Date: REV Date: 8/26/15  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

AVIATION WARFARE SYSTEMS OPERATOR
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 7815  
Primary Advisor: OPNAV(N98)  
Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E9  
CIN: D-050-3100 (P/L)  
ESTB Date: REV Date: 12/9/16  
Open to Women: Yes  
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
Course: CIN:
Sequence Code: 4
Component NEC: 7815
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E9
ESTB Date: REV Date: 12/9/16
Related NEC: 7876
Technical Advisor: NAVAIR

NR Ind: A
Open to Women: Yes
CDP:

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
Course: Mandatory
Sequence Code: 5
Component NEC: 8201
Primary Advisor: OPNAV(N98)

Billet Paygrades: E4-E8
Personnel Paygrades: E3-E8
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes

CIN: C-050-0600
NR Ind: R
ECM: BUPERS-32

7828 - MQ-4C Unmanned Aircraft System (UAS) Mission Payload Operator
Manages state-of-the-art technology and tracks surface contacts as part of the MQ-4C UAS. Operates radar, Electronic Support measures, and Advanced Electro-optics and Infrared Sensor systems. Performs aircrew duties that support mission planning, classified material handling and training that contributes directly to a squadron’s ability to conduct tactical operations worldwide.

Source Rating: AWO, AWR, AWV
Course: Mandatory
Sequence Code: 4
Component NEC: 7861 or 7862 or 7873 or 7875 or 8284
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes

CIN: D-050-3119
NR Ind: A
ECM: BUPERS-32

7835 - TacMobile Systems Operator
Performs Tactical Operations Center (TOC) and Mobile Tactical Operations Center (MTOC) operations through utilization of tactical display, environmental, acoustic, non-acoustic and associated equipment with an emphasis on operational application in support of P-3C, P-8 Poseidon, MQ-4 Triton and associated family of systems. Uses TOC/MTOC 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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E7
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes

CIN: C-210-4001 (P/L)
NR Ind: A
ECM: BUPERS-32

NOTE: Secret security clearance required.
7836 - TacMobile Watch Officer

Provides leadership and management control of Maritime Patrol and Reconnaissance Aircraft Weapon System’s Tactical Operations Center (TOC); Mobile Tactical Operations Center (MTOC) operational watch teams through employment of unique Command, Control, Communications, Computers; Intelligence (C4I) Systems and techniques which will assist Task Group Commanders (TGCs) in planning and executing assigned MPRA P-3C, P-8, MQ-4 and associated family of systems missions within the Navy Command and Control System (NCCS), and Global Command and Control Systems – Maritime (GCCS-M) networks.

Source Rating: AWO
Course: Mandatory
Sequence Code: 2
Component NEC: 8201
Primary Advisor: OPNAV(N98)

NOTES:
1. SELRES and FTS personnel may earn this NEC code by attending either TSC/MOCC Watch Officer R-2G-6003 or TSC Watch Officer J-2G-0367.
2. Secret security clearance required.

7841 - P3C Update III Acoustic Sensor Operator

Operates advanced acoustic sensors in the P3C Update III aircraft.

Source Rating: AWO
Course: Mandatory
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV(N98)

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. NEC code may be awarded via Factory/CADRE training.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)

NOTES:
1. Personnel with NEC 7835 may earn NEC 7846 by attending course J-210-0392
2. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)

NOTES:
1. Personnel with NEC 7835 may earn NEC 7846 by attending course J-210-0392
2. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.
7861 - P3C Non-Acoustic Operator
Operates non-acoustic sensors in the P3C aircraft.

Source Rating: AWO  Billet Paygrades: E3-E8  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: D-050-1132 (P/L)  CDP: 298K
Sequence Code: 4  ESTB Date: 12/9/16  REV Date: 12/9/16
Component NEC: 8201  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV(N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

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-E9
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: 12/9/16
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: 7/12/12  REV Date: 7/12/12
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: E3-E9
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: 12/9/16  REV Date: 12/9/16
Component NEC: 7815  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.
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
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E9
CIN: E-050-0831 (P/L)  E-050-0802
CDP: 935N  929V
ESTB Date: 12/9/16
REV Date: 12/9/16
Component NEC: 7815
Related NEC:
Technical Advisor: NAVAIR
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E9
CIN: D-050-2793 (P/L)
CDP: 2048
ESTB Date: 12/9/16
REV Date: 12/9/16
Component NEC: OPNAV(N98)
Related NEC:
Technical Advisor: NAVAIR
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

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
Course: Mandatory
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
CIN: E-050-2793 (P/L)
CDP:
ESTB Date: 9/9/15
REV Date: 9/9/15
Component NEC: OPNAV (N41)/(N98)
Related NEC:
Technical Advisor: NAVSUP (4B, N00B)
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN:
CDP:
ESTB Date: 9/9/15
REV Date: 9/9/15
Component NEC: OPNAV (N41)/(N98)
Related NEC: 8012
Technical Advisor: NAVSUP (4B, N00B)
NR Ind: R
Open to Women: Yes
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 Systems 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N41)/(N98)  

Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E8  
CIN: C-551-2019  
ESTB Date: REV Date: 3/19/2012  
Related NEC: 8012  
Open to Women: Yes  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: 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 database 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N41)/(N98)  

Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E8  
CIN: C-555-0050  
ESTB Date: REV Date: 3/19/12  
Related NEC: 8013  
Open to Women: Yes  
Technical Advisor: NAVSUP (4B, N00B)  
ECM: BUPERS-32

MASS COMMUNICATION

8142 - Broadcast Reporter

Serves as broadcast reporter applying intermediate-level visual and audio communication to support the mission of newsgathering. Skills include: advanced lighting, editing, and storytelling techniques emphasizing uncontrolled action, subject-in-action sound bites, packaging, shot selection and visualization, natural and prompted audio collection, and effective scripting.

Source Rating: MC  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N09C)  

Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
CIN: S-570-0005  
ESTB Date: REV Date: 11/24/14  
Related NEC: 8143, 8150  
Open to Women: Yes  
Technical Advisor: CHINFO (O1-8)  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N09C)  

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: S-570-0050  
ESTB Date: REV Date: 8/5/14  
Related NEC:  
Open to Women: Yes  
Technical Advisor: CHINFO (O1-8)  
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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: 8143  
Primary Advisor: OPNAV (N09C)

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: S-400-2014  
ESTB Date: REV Date: 8/5/14  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 8143  
Primary Advisor: OPNAV (N09C)

Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CIN: S-570-0013  
ESTB Date: REV Date: 11/24/14  
NR Ind: A  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 8143  
Primary Advisor: OPNAV (N09C)

Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CIN: S-570-0017  
ESTB Date: REV Date: 8/5/14  
NR Ind: R  
Open to Women: Yes  
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  Course: Mandatory  Billet Paygrades: E5-E9  Personnel Paygrades: E5-E9
Course:  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  Course: Mandatory  Billet Paygrades: E1-E5  Personnel Paygrades: E1-E6
Course:  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 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
Course: Mandatory
Sequence Code: 5
Component NEC: OPNAV (N09C)
Primary Advisor: OPNAV (N09C)
Billet Paygrades: E3-E7
Personnel Paygrades: E1-E7
CIN: S-400-2040
ESTB Date: 8/5/14
REV Date: 8/5/14
Related NEC: 8151
Technical Advisor: CHINFO OI-8
CDP: 324S
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N09C)
Primary Advisor: OPNAV (N09C)
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: S-570-0042
ESTB Date: 8/5/14
REV Date: 8/5/14
Related NEC: 8152
Technical Advisor: CHINFO OI-8
CDP: 05SV
NR Ind: A
Open to Women: Yes
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, conferences, VIP visits, and tours. Schedules, conducts speeches, drafts press releases, responds to public and media queries, and coordinates special events.

Source Rating: MC
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N09C)
Primary Advisor: OPNAV (N09C)
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
CIN: S-570-0040 or S-750-0021
ESTB Date: 8/5/14
REV Date: 8/5/14
Related NEC: 8153
Technical Advisor: CHINFO OI-8
CDP: 02FU or 03T9
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 2
Component NEC: 8152
Primary Advisor: OPNAV (N09C)

Billet Paygrades: E7-E9
ESTB Date: 11/24/14
REV Date: NR Ind: A
Technical Advisor: CHINFO (OI-8)

Personnel Paygrades: E7-E9
CDP: 03T8
Open to Women: Yes

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
Course: Mandatory
Sequence Code: 6
Component NEC: N09C
Primary Advisor: OPNAV

Billet Paygrades: E3-E7
ESTB Date: REV Date: NR Ind: R
Related NEC: Technical Advisor: NAVMEDIACEN

Personnel Paygrades: E1-E7
CDP: 628F
Open to Women: Yes

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 (N09C).
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 Aircrews

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.

<table>
<thead>
<tr>
<th>Source Rating: ALL</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E1-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-050-1500</td>
<td>CDP: 806E</td>
</tr>
<tr>
<td>Sequence Code: 8</td>
<td>ESTB Date:</td>
<td>REV Date: 4/6/16</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>Open to Women: Yes</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Source Rating: AWF, AWO, AWR, AWS, AWV, CS, HM</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E4-E9</th>
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<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 12/9/16</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>Open to Women: Yes</td>
</tr>
</tbody>
</table>

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.

8206 - C-130 Flight Mechanic
Performs in-flight duties as a C-130 Flight Mechanic.

<table>
<thead>
<tr>
<th>Source Rating: AWF</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: R-050-8206</td>
<td>CDP: 662K</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date:</td>
<td>REV Date: 8/26/15</td>
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<td>Component NEC: 8201</td>
<td>Related NEC:</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>Open to Women: Yes</td>
</tr>
</tbody>
</table>

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
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E8
CIN: R-050-0402
ESTB Date: REV Date: 8/26/15
Related NEC: Technical Advisor: NAVAIR

Personnel Paygrades: E1-E8
CDP: 653Z
NR Ind: A
Open to Women: Yes
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
Course: Commercial
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E8
CIN: ESTB Date: REV Date: 11/4/13
Related NEC: Technical Advisor: NAVAIR

Personnel Paygrades: E5-E8
NR Ind: A
Open to Women: Yes
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. Performs in flight duties as an Aircrewman, Instructor, and Evaluator. Rotary wing duties include mission planning for SAR operations, NSW/SOF support, Combat Search and Rescue, LOG support, and AFTP. Additionally, mission reconstruction, tactical flight brief/debrief, in flight instructor, classified material handling up to Top Secret, in flight instructor/evaluator, ordnance handling and inspection, operate appropriate airborne equipment in helicopter mine countermeasures operations, and mission payload operator for UAV/UAS operations. Graduates billeted to Weapon Schools and Naval Aviation Warfare Development Center will be identified as Level V. Graduates billeted to HSC/HSM squadrons will identified as Level IVi.

Source Rating: AWF, AWO, AWX, AWS, AVW, CTR, CTT
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9
CIN: S-050-0836
ESTB Date: REV Date: 12/9/16
Related NEC: Technical Advisor: NAVAIR

Personnel Paygrades: E5-E9
CDP: 751U
NR Ind: A
Open to Women: Yes
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 and AWS only. Candidates must be ACTC Level III, meet NAWDC minimum flight time requirements, and pass instructor screening. Through training process, instructor will qualify as range Safety Officer for training events, as well as Small Arms Marksmanship Instructors (SAMI) and Aerial Gunnery Instructors (AGI).
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: 8/26/15  
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: 4/6/16  
REV Date: 4/6/16  
NR Ind: R  
Component NEC: 8201  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  

NOTES:
1. Must have a Top Secret/SCI security clearance and be PRP eligible.  
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

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-E9  
Course: Mandatory  
CIN: E-050-0414 (P/L)  
CDP: 336P  
Sequence Code: 4  
ESTB Date: 12/9/16  
REV Date: 12/9/16  
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-E9  
Course: Mandatory  
CIN: E-050-0410 (P/L)  
CDP: 958V  
Sequence Code: 3  
ESTB Date: 12/9/16  
REV Date: 12/9/16  
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: 1818H  
Sequence Code: 4  
ESTB Date: 4/6/16  
REV Date: 4/6/16  
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 4/6/16.
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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN: R-601-2017 or R-601-2007
ESTB Date: REV Date: 4/6/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

CIN: R-601-2017 or R-601-2007
ESTB Date: REV Date: 4/6/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/6/16.

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
Course: Commercial
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN: D-050-1010
ESTB Date: REV Date: 11/4/13
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

NOTE:
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: AWF
Course: Mandatory
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9
CIN: R-050-0555
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

CIN: R-050-8223
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

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
Course: Mandatory
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E9
CIN: R-050-0555
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

CIN: R-050-8223
ESTB Date: REV Date: 12/9/16
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

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
Course: OJT
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: ESTB Date: REV Date: NR Ind: A
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR

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
Course: Mandatory
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV (N98)
Billet Paygrades: E4-E8
Personnel Paygrades: E3-E8
CIN: R-553-3000
ESTB Date: 11/4/13
REV Date: 11/4/13
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)
Billet Paygrades: E4-E8
Personnel Paygrades: E4-E9
CIN: D-050-2302 (P/L) D-050-2303
ESTB Date: 12/9/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

8284 - Aviation Electronic Warfare Operator
Operates EW equipment in P-3 and EP-3 aircraft.

Source Rating: AWV
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E9
CIN: E-050-3022 (P/L)
ESTB Date: 12/9/16
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

8288 - Aerial Cameraman
Performs in-flight duties as an aerial cameraman. Is knowledgeable of photographic equipment, aerial photographic techniques, aircraft equipment, emergency procedures and flight procedures.

Source Rating: MC
Course: OJT
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: E-050-3022 (P/L)
ESTB Date: 8/26/15
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/26/15.

8289 - 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
Course: JQR, OJT
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N98)
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: E-050-3022 (P/L)
ESTB Date: 11/4/13
NR Ind: A
Open to Women: Yes
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 receiving NATOPS evaluation for the position of Second Loadmaster.
8296 - Airborne 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, CTR, CTT
Course: Mandatory
Billet Paygrades: E3-E8
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: 8/23/16
Component NEC: 8201 Relative NEC:
Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6)/(N98) Technical Advisor: NAVAIR, NAVIDFOR (N13)
Personnel Paygrades: E3-E8
CDP: 483X
483U
483V
483W
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 2
Component NEC: 8800 Related NEC:
Primary Advisor: OPNAV (N98)
Personnel Paygrades: E9-E9
CIN: CDP:
ESTB Date: REV Date: 12/9/16
Component NEC: 8800 Related NEC:
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E8-E9
CIN: C-603-9443 (P/L) AD C-601-9446 (P/L) AE C-602-9442 (P/L)
AT C-102-9444 (P/L) CDP: 843X
483U
483V
483W
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. The AWF "Source Rating" is limited to the FTS community members who have previously earned the NEC code prior to 1 October 2008 ONLY. This NEC code is not authorized for NEW assignment to AWF members who did not previously earn the NEC code prior to 1 October 2008.
2. Due to the unique nature of the AWF FTS community, personnel who earned the 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 NAVPERS 1221/6 to PERS-4013D2 via BUPERS-32 (Aviation ECM) showing NEC code was previously awarded or member completed all prerequisites prior to 1 October 2008. All AWF FTS personnel who previously held the 8800 and request reinstatement, will also be eligible to request the 8300, provided all requirements 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 at the 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 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 ECM.
4. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

8303-8391 - Aircraft Maintenance Technician
Selected Reserve (SELRES) personnel must complete the course requirements for an 8300 series NEC code for those courses which have a prerequisite 8800 series NEC code. The 8300 series NEC code may be Reserve Job Qualification Requirements (RJQR) syllabus awardable only when there is not an associated 8800 series NEC code.

8303 - MH-53E Systems Organizational Maintenance Technician
Performs organizational level maintenance on the MH-53E aircraft.

Source Rating: AD, AE, AM, AT
Course: Mandatory
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
Component NEC: 8303-8391 Related NEC:
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E7
CDP: 483X
483U
483V
483W
NR Ind: A
Open to Women: Yes
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: 2/28/13  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.
3. NEC applies to AT personnel for E-2 Non-Group II only.
4. Component NEC not required for AME personnel.
5. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 8305 are authorized to retain this NEC. No new awards of this NEC will be made to E-3 and below personnel. Does not apply to AME.

8306 - E-2C Group II Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the E-2 aircraft.

Source Rating: AE, AT, AD  Billet Paygrades: E5-E7  Personnel Paygrades: E4-E7
Course: Mandatory  CIN: C-102-9482 (P/L) (AT)  CDP: 325T (AT)
  C-602-9480 (P/L) (AE)  3260 (AE)
  C-601-9135 (P/L) (AD)  325V (AD)
Sequence Code: 4  ESTB Date: 10/11/12  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: 8/20/15  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: 8/20/15  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)  
C-602-0063 (AE)  
C-603-0010 (AM)  
C-102-0140 (AT)  
11R2  
11R9  
1IR5  
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  
Sequence Code: 4  
ESTB Date: 2/25/10  
REV Date: 4/6/16  
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 4/6/16.

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  
R-600-5000  
R-603-5007  
Sequence Code: 4  
ESTB Date: 2/25/10  
REV Date: 4/6/16  
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 “NAVMAC Periodicity Review” completed 4/6/16.

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  
R-102-2008  
R-602-2010  
Sequence Code: 4  
ESTB Date:  
REV Date: 4/6/16  
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 “NAVMAC Periodicity Review” completed 4/6/16.

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  
Sequence Code: 3  
ESTB Date:  
REV Date: 4/22/16  
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 “NAVMAC Periodicity Review” completed 4/22/16.
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
Course: Mandatory
Sequence Code: 4
Component NEC: 8816
Primary Advisor: OPNAV(N98)

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CIN: C-102-3492
CDP: 877S
ESTB Date: REV Date: 2/22/16
NR Ind: A
Related NEC: Open to Women: Yes
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

8318 - C-130 Systems Organizational Maintenance Technician

Performs organizational level maintenance on the C-130 aircraft.

Source Rating: AD, AT, AE, AM, AME
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: M-102-0451 (P/L)
182H
M-602-0455 (P/L)
182J
R-600-3519
06P6
R-600-3520
06P9
ESTB Date: REV Date: 4/22/16
NR Ind: A
Related NEC: Open to Women: Yes
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 “NAVMAC Periodicity Review” completed 4/22/16.

8319 - P-3 Systems Organizational Career Maintenance Technician

Performs organizational level maintenance on the P-3 aircraft.

Source Rating: AO, AME
Source Rating: AD, AE, AM, AT
Course: Mandatory
Sequence Code: 4
Component NEC: 8819
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CIN: C-102-9587 (P/L) (AT)
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
ESTB Date: REV Date: 10/11/12
NR Ind: A
Related NEC: Open to Women: Yes
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
Course: Mandatory
Sequence Code: 4
Component NEC: 8820
Primary Advisor: OPNAV(N98)

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CIN: C-601-9127 (AD)
C-602-9487 (AE)
C-102-9473 (AT)
CDP: 05TM (AD)
05TK (AE)
05TH (AT)
ESTB Date: 2/25/10 REV Date: 4/22/16
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. NEC code 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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

8330 - P-8A Aircraft Systems Organizational Career Maintenance Technician

Source Rating: AD, AE, AM, AT, AME, AO
Course: Mandatory
Sequence Code: 4
Component NEC: 8830
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: (AD) C-601-4202
(AM) C-603-4202
(AME) C-602-4203
C-600-4201
C-646-4201
C-606-4201
(AT) C-102-4202
CDP: 07HV
07HX
07J0
07HY
07HT
07J2
07J3
07HT
07HS
ESTB Date: 8/27/10 REV Date: 4/22/16
NR Ind: A
Open to Women: Yes
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.
4. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 8840
Primary Advisor: OPNAV(N98)

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CIN: AT C-102-0100
CDP: 979K, 979L
ESTB Date: REV Date: 8/20/15
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Billet Paygrades: E5-E7
CIN: C-601-9975 (AD)
C-602-9977 (AE)
C-603-9975 (AM)
C-602-9979 (AME)
C-646-9975 (AO)
C-102-9978 (AT)
Personnel Paygrades: E4-E7
CDP: 2838, 401B (AD)
2831, 401T (AE)
2923, 4030 (AM)
2889, 4027 (AME)
294V, 4034 (AO)
2758, 4019 (AT)
Sequence Code: 4
ESTB Date: REV Date: 8/20/15
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
Course: Mandatory
Billet Paygrades: E5-E7
CIN: C-603-9974 (P/L) (AM)
C-602-9974 (P/L) (AME)
C-102-9963 (P/L) (AT)
C-602-9976 (P/L) (AE)
C-601-9974 (P/L) (AD)
C-646-9974 (P/L) (AO)
Personnel Paygrades: E4-E7
CDP: 1215, 495C (AM)
1207, 495E (AME)
1162, 495G (AT)
1209, 495F (AE)
1182, 495D (AD)
1218, 495H (AO)
Sequence Code: 4
ESTB Date: REV Date: 2/28/13
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
Source Rating: AD, AE, AM
Course: Mandatory
Billet Paygrades: E3-E7
Billet Paygrades: E5-E7
CIN: C-601-3504 (AD)
C-601-3504 (AD)
C-602-3509 (AE)
C-602-3509 (AE)
C-602-3510 (AME)
C-602-3510 (AME)
C-603-3503 (AM)
C-603-3503 (AM)
Personnel Paygrades: E3-E7
Personnel Paygrades: E4-E7
CDP: 454G (AD)
454H (AE)
454J (AME)
454K (AM)
Sequence Code: 4
ESTB Date: REV Date: 8/20/15
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

Source Rating: AD, AE, AM, AME, AO, AT, PR
Billet Paygrades: E3-E7
Personnel Paygrades: E1-E7

Course: Mandatory
CIN: C-601-0050 (AD)
C-602-0041 (AE)
C-603-0007 (AM)
C-602-0042 (AME)
C-646-0007 (AO)
C-102-0430 (AT)
C-602-0040 (PR)
CDP: 07FK (AD)
07FM (AE)
07FP (AM)
07FN (AME)
07FR (AO)
07FJ (AT)
07FL (PR)
ESTB Date: 10/22/12
REV Date: 11/30/16
Sequence Code: 4
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

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: All
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E8

Course: Commercial
CIN: CDP:
ESTB Date: REV Date: 12/9/16
NR Ind: A
Component NEC: Related NEC:
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTE: NEC code 8361 may be earned by completion of a platform specific Original Equipment Manufacture (OEM) training program, contractor training program, or by completion of an Aircraft Controlling Custodian (ACC) approved PQS.

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
C-104-0642
CDP: 3164
3162
Sequence Code: 4
ESTB Date: REV Date: 8/20/15
NR Ind: N
Component NEC: Related NEC:
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
Sequence Code: 3
ESTB Date: REV Date: 8/20/15
NR Ind: N
Component NEC: Related NEC:
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.

185
**8364 - Unmanned Aerial Vehicle (UAV) Payload Operator**
Operates the EO/IR UAV sensor during all phases of flight.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 12/9/16</td>
<td>NR Ind: N</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTE:** Earned through joint training at Fort Huachuca.

**8366 - MQ-8B Organizational Maintenance Technician**
Performs Organizational level maintenance on the MQ-8B systems.

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-690-0037 (AD, AM)</td>
<td>CDP: 04CT (AD, AM)</td>
</tr>
<tr>
<td></td>
<td>C-690-0036 (AT, AE)</td>
<td>04CP (AT, AE)</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/15/09 REV Date: 10/5/16</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC: 8378 or 8878; 8388, 8389, or 8807, 8808; 8385 or 8885</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Component NEC for AD/AM is 8378 or 8878; AT is 8807/8808 or 8388/8389; and AE is 8385 or 8885.
2. NEC code may be awarded through cadre training pending establishment of formal training.

**8367 - MQ-8B/C Mission Payload Operator (MPO)**
Operates MQ-8B/C mission payload during flight.

<table>
<thead>
<tr>
<th>Source Rating: AWF, AWO, AWR, AWS, AWV</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E3-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Factory Training</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/15/09 REV Date: 12/9/16</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: AWF, AWO, AWR, AWS, AWV</th>
<th>Billet Paygrades: E6-E8</th>
<th>Personnel Paygrades: E6-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Factory Training</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/15/09 REV Date: 12/9/16</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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

Source Rating: AT, MN
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC: 8391
Primary Advisor: OPNAV(N95)/(N98)
Technical Advisor: NAVSEA 05, NAVAIR
ESTB Date: 8/3/16
REV Date: 8/3/16

NOTES:
1. NEC code may be awarded through cadre training pending establishment of formal training.
2. Last reviewed during “NAVMAC Periodicity Review” completed 8/3/16.

8378 - H-60 Systems Organizational Career Maintenance Technician
Performs organizational maintenance on all T/M/S/ of the H-60 aircraft.

Source Rating: AO
Source Rating: AD, AE, AM
Source Rating: AT
Course: Mandatory
Sequence Code: 4
Component NEC: 8878
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
ESTB Date: 4/22/16
REV Date: 4/22/16

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.
4. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

8385 - MH60R/S Electrical Systems Organizational Career Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Source Rating: AE
Course: Mandatory
Sequence Code: 3
Component NEC: 8885
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
ESTB Date: 2/23/10
REV Date: 4/22/16

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

8388 - MH-60R Electronics Systems Organizational Career Maintenance Technician
Performs avionics organizational level maintenance on the MH-60R aircraft.

Source Rating: AT
Course: Mandatory
Sequence Code: 3
Component NEC: 8807
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ESTB Date: 2/22/10
REV Date: 4/22/16

NOTES:
1. NEC may be awarded through cadre training pending implementation of formal training.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.
### 8389 - MH-60S Systems Organizational Career Maintenance Technician

Performs avionics organizational level maintenance on the MH-60S aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E4-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Rating: AO</td>
<td>Billet Paygrades: E3-E7</td>
<td>Personnel Paygrades: E3-E7</td>
</tr>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-2222 (AT) (Pending Activation)</td>
<td>CDP: 5587, 750M (AT)(Pending Activation)</td>
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<tr>
<td></td>
<td>C-646-9400 (P/L) (AO)</td>
<td>05DD, 05DE (AO)</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 4/22/16</td>
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<tr>
<td>Component NEC: 8808</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### 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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

### 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).

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: AD/AM C-601-9448 (P/L)</td>
<td>CDP: 459R</td>
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<tr>
<td></td>
<td>AE C-602-9947 (P/L)</td>
<td>459G</td>
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<tr>
<td></td>
<td>AT C-102-9728 (P/L)</td>
<td>458Y</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date:</td>
<td>REV Date: 8/20/15</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Source Rating: AT, AD, AE, AM, AME, PR</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: R-601-2017</td>
<td>CDP: 04VL</td>
</tr>
<tr>
<td></td>
<td>R-602-2010</td>
<td>7622</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date:</td>
<td>REV Date: 4/22/16</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: COMNAVRESFOR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

### 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-9980</td>
<td>CDP: 03TF</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date:</td>
<td>REV Date: 8/20/15</td>
</tr>
<tr>
<td>Component NEC: 8841 or 8341</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.
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
Course: CIN: B-300-0075
          B-305-1100
          B-300-0017
Sequence Code: 4
ESTB Date:
Component NEC: 8201
Primary Advisor: BUMED M00C5
Personnel Paygrades: E3-E6
          CDP: 475Z
          13TI
          3301
REV Date: 4/13/16
Related NEC:
Technical Advisor: NMETC, NAVAIR
NR Ind: R
Open to Women: Yes
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.
3. Last reviewed during “HM HPRR” completed 4/13/16.

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
Course: Mandatory
CIN: B-300-0001
          B-300-0005
Sequence Code: 3
ESTB Date:
Component NEC:
Primary Advisor: BUMED M00C5
Personnel Paygrades: E5-E9
          CDP: 845E
          475W
REV Date: 4/13/16
Related NEC:
Open to Women: Yes
Technical Advisor: NMETC
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).
3. Last reviewed during “HM HPRR” completed 4/13/16.
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 8427  
Primary Advisor: BUMED M00C5

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.
5. Last reviewed during “HM HPRR” completed 4/13/16.

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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 8447  
Primary Advisor: BUMED M00C5

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 8406 - Aerospace Medical Technician

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.
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
Course: Mandatory
Billet Paygrades: E4-E7
Personnel Paygrades: E3-E7
CIN: B-322-0010
ESTB Date: REV Date: 4/13/16
NR Ind: R
Related NEC: Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
CDP: 3374
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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
Course: Mandatory
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: B-300-0118
ESTB Date: REV Date: 4/13/16
NR Ind: R
Related NEC: Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
CDP: 07S0
07S1
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

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
Course: Mandatory
Billet Paygrades: E4-E7
Personnel Paygrades: E4-E7
CIN: B-305-0011
ESTB Date: REV Date: 4/13/16
NR Ind: R
Related NEC: Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
CDP: 02C6
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.
3. Last reviewed during “HM HPRR” completed 4/13/16.

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
Course: Mandatory
Billet Paygrades: E4-E8
Personnel Paygrades: E1-E8
CIN: B-326-1000
ESTB Date: REV Date: 4/13/16
NR Ind: R
Related NEC: Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
CDP: 06XY
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.
8416 - Nuclear Medicine Technologist
Operates and maintains Gamma camera imaging equipment, devices and probes. Administers radiopharmaceuticals 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: B-311-0016  
B-311-0015  
ESTB Date: 10/11/16  
REV Date: 9/13/16  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

8418 - Navy Drug and Alcohol Counselor Intern
Performs duties 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: AB, ABE, ABF, ABH, AD, AE, AF, AM, AO, AS, AV, BM, BU, CM, CS, CSS, CU, EM, EN, EO, EQ, ETV, FC, FCA, GS, GSM, HM, HT, IC, LS, LSS, MM, OS, PR, PS, QM, SH, SW

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: B-302-0001  
ESTB Date: 10/11/16  
REV Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. The optimal rating for this NEC code is HM; however, personnel in other ratings listed who are eligible to be awarded this NEC code and have volunteered for the Navy Drug and Alcoholism Certification Program, leading to Counselor certification under guidance contained in MILPERSMAN 1306-916, SHALL be detailed to billets and will be phased out once the HM rating inventory is sustainable to fully support the program.
2. There will be no new awarding of this NEC code to personnel in ratings other than HM in the interim.

8419 - Navy Drug and Alcohol Counselor
Performs 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 of alcohol abuse, alcoholism and addiction. Provides routine direction and supervision, as directed, to Drug and Alcohol Counselor Interns.


Billet Paygrades: E5-E9  
Personnel Paygrades: E4-E9  
CIN:  
ESTB Date: 10/11/16  
REV Date: 3/7/17  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. The optimal rating for this NEC code is HM; however, personnel in other ratings listed who are eligible to be awarded this NEC code and have volunteered for the Navy Drug and Alcoholism Certification Program under guidance contained in MILPERSMAN 1306-916, to include a minimum one year internship as Component NEC 8418, SHALL be detailed to billets and will be phased out once the HM rating inventory is sustainable to fully support the program.
2. Component NEC 8418 required for ALL ratings.
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 directs 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
Course: Mandatory
Sequence Code: 3
Component NEC: BUMED M00C5
Primary Advisor: BUMED M00C5

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 “NAVMAC Periodicity Review” completed 7/6/16.

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
Course: Mandatory
Sequence Code: 4
Component NEC: 8404
Primary Advisor: BUMED M00C5

NOTES:
1. NEC code is awarded upon completion of all of the following courses: 1) USMC Basic Reconnaissance; 2) Joint Special Operations Forces Trauma Medic; 3) Army Basic Airborn School; 4) USMC Special Amphibious Reconnaissance Corpsman Diving Medicine; 5) USMC Combantant Divers.
2. All courses listed above must be completed in order for NEC code to be awarded.
3. Recommendation for removal of this NEC code 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.
4. Must continuously maintain Dive/Jump qualifications to retain NEC code.
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: Related NEC:  
Primary Advisor: BUMED M00C5  
Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: B-322-0012  
ESTB Date: 4/13/16  
REV Date: 4/13/16  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: Related NEC:  
Primary Advisor: BUMED M00C5  
Billet Paygrades: E3-E5  
Personnel Paygrades: E1-E5  
CIN: B-311-0123  
ESTB Date: 4/13/16  
REV Date: 4/13/16  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

8437 - Ophthalmic 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  
Course: OJT  
Sequence Code: 5  
Component NEC: Related NEC:  
Primary Advisor: BUMED M00C5  
Billet Paygrades: E4-E5  
Personnel Paygrades: E3-E6  
CIN: B-300-0021  
ESTB Date: 5/9/11  
REV Date: 4/13/16  
Technical Advisor: NMETC  
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.
3. Last reviewed during “HM HPRR” completed 4/13/16.
### 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.

<table>
<thead>
<tr>
<th>Source Rating: HM</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tbody>
<tr>
<td>Course: Commercial</td>
<td>CIN: B-313-2126</td>
<td>B-313-2226</td>
<td>CDP: 12E3</td>
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<td>ESTB Date: 8/12/14</td>
<td>REV Date: 4/13/16</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>Primary Advisor: BUMED M00C5</td>
<td>Technical Advisor: NMETC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

### 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.

<table>
<thead>
<tr>
<th>Source Rating: HM</th>
<th>Course: Commercial</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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<tbody>
<tr>
<td>Sequence Code: 5</td>
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<td>REV Date: 4/13/16</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
<td>ECM: BUPERS-32</td>
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<tr>
<td>Primary Advisor: BUMED M00C5</td>
<td>Technical Advisor: NMETC</td>
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<td></td>
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</tbody>
</table>

**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.
3. Last reviewed during “HM HPRR” completed 4/13/16.

### 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, vascular procedures, and processes X-rays. Has knowledge of all administrative procedures relative to the Radiology Service and photodosimetric duties.

<table>
<thead>
<tr>
<th>Source Rating: HM</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Commercial</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 5/9/16</td>
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<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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<td>ECM: BUPERS-32</td>
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<td>Primary Advisor: BUMED M00C5</td>
<td>Technical Advisor: NMETC</td>
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</tr>
</tbody>
</table>

**NOTES:**
1. 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.
2. Last reviewed during “HM HPRR” completed 5/9/16.
### 8454 - Electroneurodiagnostic Technologist

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
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<tbody>
<tr>
<td>CIN: B-300-0043</td>
<td>ESTB Date: 4/13/16</td>
<td>NR Ind: R</td>
<td>Open to Women: Yes</td>
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<td>Component NEC:</td>
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<td>Technical Advisor: NMETC</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>Primary Advisor: BUMED M00C5</td>
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<td></td>
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</tbody>
</table>

**NOTES:**
1. NEC code may be assigned to inactive duty Naval Reservists 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

### 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tbody>
<tr>
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<td>ESTB Date: 4/13/16</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Technical Advisor: NMETC</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>Primary Advisor: BUMED M00C5</td>
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<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

### 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E1-E6</th>
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<tr>
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<td>ESTB Date: 4/13/16</td>
<td>NR Ind: R</td>
<td>Open to Women: Yes</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Technical Advisor: NMETC</td>
<td>ECM: BUPERS-32</td>
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<tr>
<td>Primary Advisor: BUMED M00C5</td>
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**NOTES:**
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

### 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 neuromusculoskeletal 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Course: Mandatory</th>
<th>Billet Paygrades: E5-E6</th>
<th>Personnel Paygrades: E4-E6</th>
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<td>Component NEC:</td>
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<td>ECM: BUPERS-32</td>
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<tr>
<td>Primary Advisor: BUMED M00C5</td>
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</table>

**NOTE:** Last reviewed during “HM HPRR” completed 4/13/16.
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: 4/13/16
REV Date: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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-301-0133
CDP: 07LV
B-301-0233
07LW, 07LY
Sequence Code: 4
ESTB Date: 4/13/16
REV Date: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

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: 4/13/16
REV Date: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

8486 - Urology Technician

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: 4/13/16
NR Ind: R
Component NEC: 8483
Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.
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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 8489  
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E6  
CIN: B-300-0141  
ESTB Date: REV Date: 4/13/16  
Technical Advisor: NMETC

Personnel Paygrades: E3-E6  
CDP: 3573  
Related NEC:  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 8493  
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E6  
CIN: A-433-0020  
ESTB Date: REV Date: 4/13/16  
Technical Advisor: NMETC, NAVSEA 05H (HSI), NAVSEA 00C (SUPSALV)

Personnel Paygrades: E1-E7  
CDP: 3365  
Related NEC:  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 8493  
Primary Advisor: BUMED M00C5

Billet Paygrades: E5-E9  
CIN: B-300-0022  
ESTB Date: REV Date: 4/13/16  
Technical Advisor: NMETC

Personnel Paygrades: E5-E9  
CDP: 05E9  
A-433-0020  
NR Ind: R  
Open to Women: Yes  
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.
3. Last reviewed during "HM HPRR" completed 4/13/16.
**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  
Course:  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN:  
ESTB Date: REV Date: 4/13/16  
Related NEC:  
Technical Advisor: NMETC  

NR Ind: R  
Open to Women: Yes  
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.
3. Last reviewed during “HM HPRR” completed 4/13/16.

**8503 - Histopathology Technician**

Assists the pathologist in the accessioning, preparation, processing, embedding, staining, 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
CIN: B-311-0039  
ESTB Date: REV Date: 4/13/16  
Related NEC:  
Technical Advisor: NMETC  

NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

**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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: B-311-1018  
ESTB Date: REV Date: 4/13/16  
B-311-2018  
Related NEC: 8503  
Technical Advisor: NMETC  

07M0, 07M1, 07M2, 12AR  
NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

**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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: B-300-0423  
ESTB Date: REV Date: 4/13/16  
Related NEC:  
Technical Advisor: NMETC  

NR Ind: R  
Open to Women: Yes  
ECM: BUPERS-32  

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.
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-E7
Personnel Paygrades: E1-E7
Course: Mandatory
CIN: B-300-3300
CDP: 05JR
Sequence Code: 1
ESTB Date: REV Date: 9/9/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
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 planing; 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: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.

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: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

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: 4/13/16
NR Ind: R
Component NEC: Related NEC:
Open to Women: Yes
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “HM HPRR” completed 4/13/16.
**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
Course: Mandatory
Sequence Code: 3
Component NEC: 8753
Primary Advisor: BUMED M00C5

**Billet Paygrades:** E5-E7
**Personnel Paygrades:** E4-E7
**CIN:** B-331-0018
**ESTB Date:** 4/13/16
**REV Date:** 4/13/16
** NR Ind:** R
**Open to Women:** Yes
**Technical Advisor:** NMETC
**ECM:** BUPERS-32

NOTE: Last reviewed during “HM HPRR” completed 4/13/16.

**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
Course: Mandatory
Sequence Code: 2
Component NEC: OPNAV (N98)
Primary Advisor: OPNAV (N98)

**Billet Paygrades:** E7-E8
**Personnel Paygrades:** E7-E9
**CIN:** C-600-3210
**ESTB Date:** 12/9/17
**REV Date:** 8/20/15
**NR Ind:** A
**Open to Women:** Yes
**Technical Advisor:** NAVAIR
**ECM:** BUPERS-32

NOTES:
1. The AWF "Source Rating" is limited to the FTS community members who previously earned the NEC code prior to 1 October 2008 ONLY. This NEC code is not authorized for NEW assignment to AWF members who did not previously earn the NEC code prior to 1 October 2008.
2. Due to the unique nature of the AWF FTS community, personnel who earned the 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 NAVPERS 1221/6 to PERS-4013D2 via BUPERS -32 (Aviation ECM) showing NEC code was previously awarded or member completed all prerequisites prior to 1 October 2008. All AWF FTS personnel who previously held the 8800 and request reinstatement, will also be eligible to request the 8300, provided all requirements are met.
3. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.

**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
Course: Mandatory
Sequence Code: 6
Component NEC: OPNAV (N98)
Primary Advisor: OPNAV (N98)

**Billet Paygrades:** E3-E4
**Personnel Paygrades:** E3-E5
**CIN:** C-601-9471 (AD)
**ESTB Date:** 8/20/15
**REV Date:** 8/20/15
**NR Ind:** A
**Open to Women:** Yes
**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  
Sequence Code: 6  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
CIN: C-102-0328 (P/L) (AT)  
C-601-9134 (P/L) (AD)  
C-602-0353 (P/L) (AE)  
ESTB Date: REV Date: 8/20/15  
NR Ind: A  
Open to Women: Yes  
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  
Sequence Code: 6  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
CIN: C-102-3408 (P/L)  
ESTB Date: REV Date: 4/22/16  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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  
Sequence Code: 6  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
CIN: C-102-0828 (P/L)  
ESTB Date: REV Date: 4/22/16  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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  
Sequence Code: 6  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
CIN: C-102-6145 (P/L)  
ESTB Date: REV Date: 8/20/15  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/20/15.

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  
Sequence Code: 6  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
CIN: C-102-9470(P/L)  
ESTB Date: REV Date: 4/22/16  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.
8819 - P-3 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the P-3 aircraft.

Source Rating: AD, AE, AM, AT  
Course: Mandatory 
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5 
CIN: C-102-1029 (P/L) (AT)  
C-601-9532 (AD) 
C-602-1054 (P/L) (AE)  
C-603-9530 (AM) 

Sequence Code: 6  
ESTB Date: REV Date: 4/22/16  
Component NEC: 
Primary Advisor: OPNAV (N98) 
Related NEC: 
Technical Advisor: NAVAIR 

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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 
Course: Mandatory 
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5 
CIN: C-601-9126 (AD)  
C-602-9488 (AE) 
C-102-9475 (AT)  

Sequence Code: 6  
ESTB Date: REV Date: 2/25/10 4/22/16  
Component NEC: 
Primary Advisor: OPNAV(N98) 
Related NEC: 
Technical Advisor: NAVAIR 

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. 
3. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

8830 - P-8A Aircraft Systems Organizational Initial Maintenance Technician

Source Rating: AD, AE, AM, AT  
Course: Mandatory 
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5 
CIN: (AD) C-601-4201  
C-602-4201 (AE) 
C-602-4204 (AM) 
C-102-4201 (AT)  
C-602-4204 (AT) 
C-600-4201 (AT) 

Sequence Code: 6  
ESTB Date: 8/27/10 REV Date: 4/22/16  
Component NEC: 
Primary Advisor: OPNAV (N98) 
Related NEC: 
Technical Advisor: NAVAIR 

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. 
3. Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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 
Course: Mandatory 
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5 
CIN: C-102-0099  
CDP: 07HU 

Sequence Code: 6  
ESTB Date: REV Date: 4/22/16  
Component NEC: 
Primary Advisor: OPNAV (N98) 
Related NEC: 
Technical Advisor: NAVAIR 

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.
8841 - F/A-18E/F Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18E/F aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT, AE, AM, AME, AD, AO</th>
<th>Billet Paygrades: E3-E4</th>
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<td>Open to Women: Yes</td>
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NOTES:
1. The F/A-18 E/F difference training pipeline requires component NEC 8842.
2. Personnel will retain previously earned Component NEC (8842) upon being awarded NEC 8841.

8842 - F/A-18 A/B/C/D Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18 A/B/C/D aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AD, AE, AME, AM, AO, AT</th>
<th>Billet Paygrades: E3-E4</th>
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<td>Open to Women: Yes</td>
<td>ECM: BUPERS-32</td>
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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.

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NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/20/15.
**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: AD, AE, AM, AT
- Course: Mandatory
- Billet Paygrades: E3-E4
- CIN: C-601-9408 (P/L) (AD)
- C-602-0855 (P/L) (AE)
- C-603-9408 (P/L) (AM)
- C-102-0823 (P/L) (AT)
- Personel Paygrades: E3-E5
- CDP: 597C, 597D, 7554 (AD)
- 568D (AE)
- CDP: 597G, 597H, 753V (AM)
- 567V (AT)
- Sequence Code: 6
- ESTB Date: REV Date: 3/18/16
- Component NEC: Related NEC:
- Primary Advisor: OPNAV (N98)
- Technical Advisor: NAVAIR
- Billet Paygrades: E3-E4
- CDP: 660H, 745K
- ESTB Date: 2/23/10 REV Date: 4/22/16
- Component NEC: Related NEC:
- Primary Advisor: OPNAV (N98)
- Technical Advisor: NAVAIR

NOTE: Last reviewed during “OPNAV (N98) HPRR” completed 3/18/16.

**8885 - MH60R/S Electrical Systems Organizational Initial Maintenance Technician**
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

- Source Rating: AE
- Course: Mandatory
- ESTB Date: REV Date: 4/22/16
- Component NEC: Related NEC:
- Primary Advisor: OPNAV (N98)
- Technical Advisor: NAVAIR

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

**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
- Course: Mandatory
- ESTB Date: REV Date: 1/13/16
- Component NEC: Related NEC:
- Primary Advisor: NECC
- Technical Advisor: ECRC

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
- Course: Mandatory
- ESTB Date: REV Date: 11/21/12
- Component NEC: Related NEC: 90CS
- Primary Advisor: NECC
- Technical Advisor: MCAG

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  
**Course:** OJT  
**Sequence Code:** 9  
**ESTB Date:** REV Date: 10/9/15  
**Component NEC:**  
**Billet Paygrades:**  
**CIN:**  
**Technical Advisor:** ECRC  
**Personnel Paygrades:** E1-E9  
**Related NEC:** 90CA  
**Primary Advisor:** NECC  
**NR Ind:** A  
**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  
**Course:** OJT  
**Sequence Code:** 9  
**ESTB Date:** REV Date: 10/9/15  
**Component NEC:**  
**Billet Paygrades:**  
**CIN:**  
**Technical Advisor:** ECRC  
**Personnel Paygrades:** E1-E9  
**Related NEC:** 1121, 1122  
**Primary Advisor:** NECC  
**NR Ind:** A  
**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.  

**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  
**Course:** Mandatory  
**Sequence Code:** 9  
**ESTB Date:** REV Date: 2/9/15  
**Component NEC:**  
**Billet Paygrades:** E3-E9  
**CIN:** A-830-0030  
**Technical Advisor:** CSF  
**Personnel Paygrades:** E1-E9  
**NR Ind:** A  
**ECM:** BUPERS-32

**NOTES:**  
1. This course requirements will be satisfied by formal training via:  
   b. U.S. Marines Corps School of Infantry (CIN: A-020-0020 – prior to 1 February 2009.)  
   c. Seabee Replacement Training Plus Basic Combat Skills II (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 combattants, 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
Course: OJT
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: E3-E9
CIN: ESTB Date: REV Date: 10/9/15
Related NEC: DIMS
Personnel Paygrades: E1-E9
Technical Advisor: NEGB
NR Ind: A
Open to Women: Yes
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.

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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: E3-E9
CIN: ESTB Date: REV Date: 11/4/13
Related NEC: 90DO
Personnel Paygrades: E1-E9
Technical Advisor: Pers-4
NR Ind: A
Open to Women: Yes
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 combattants, collect intelligence for law enforcement and war crimes investigations and execute detainee operations missions.

Source Rating: All
Course: OJT
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: E3-E9
CIN: See Note 2
ESTB Date: REV Date: 10/9/15
Related NEC: 90DO
Personnel Paygrades: E1-E9
Technical Advisor: ECRC
NR Ind: A
Open to Women: Yes
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.
90DT - GWOT IA/ILO Confinement 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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)

Billet Paygrades: CIN: ESTB Date: REV Date: 11/4/13 Component NEC: 90DS, 9575, 2008 Primary Advisor: ADCNO (N1B)

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
Course: Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC


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.

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
Course: Sequence Code: 3
Component NEC: NECC
Primary Advisor: NECC


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
Course: OJT
Sequence Code: 6
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: ESTB Date: REV Date: 6/22/15
Related NEC: 90CS
Technical Advisor: CRG1/CRG2/CSF
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN: ESTB Date: REV Date: 5/13/15
Related NEC: Pers-4
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN: ESTB Date: REV Date: 5/12/15
Related NEC: Pers-4
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 8
Component NEC: OPNAV (N2/N6)
Primary Advisor: OPNAV (N2/N6)
Billet Paygrades: CIN: ESTB Date: 7/17/2012
Related NEC: COMNECC, NAVCYBERFOR N13
Technical Advisor: COMNECC, NAVCYBERFOR N13
Personnel Paygrades: E3-E8
REV Date: NR Ind: A
ECM: BUPERS-32, PERS-40
Open to Women: Yes

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
**Course:** Mandatory
**Sequence Code:** 9
**Component NEC:** OPNAV (N95)
**Primary Advisor:** OPNAV (N95)
**Billet Paygrades:** E3-E9
**Personnel Paygrades:** E1-E9

**NOTES:**
1. NEC will be awarded retroactively to the start of CY07.
2. NEC is awarded based on completion of organic unit training prior to deployment to support a Joint Special Operations Task Force, to identify personnel who have received unique Joint Special Operations experience.

**90LG - Expeditionary Force Logistic Support - Deployed**

Training and experience as a member of a forward deployed Expeditionary Logistics Support team, in combat zones around the world, which provides logistic requirements to theater commander operations. Expeditionary Logistic Support Technicians perform duties to meet procurement, maintenance and transportation of military material, facilities and personnel.

**Source Rating:** All
**Course:** Mandatory
**Sequence Code:** 9
**Component NEC:** NECC
**Primary Advisor:** NECC
**Billet Paygrades:** E3-E9
**Personnel Paygrades:** E1-E9

**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.

**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
**Course:** Mandatory
**Sequence Code:** 9
**Component NEC:** NECC
**Primary Advisor:** NECC
**Billet Paygrades:** E3-E9
**Personnel Paygrades:** E1-E9

**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  
Course: OJT  
Sequence Code: 9  
Component NEC: N/A  
Primary Advisor: ADCNO (N1B)

Billet Paygrades:  
Personnel Paygrades: E1-E9

ESTB Date: REV Date: 5/12/15  
Related NEC: Open to Women: Yes

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  
Course: OJT  
Sequence Code: 9  
Component NEC: NECC  
Primary Advisor: NECC

Billet Paygrades:  
Personnel Paygrades: E1-E9

ESTB Date: REV Date: 10/9/15  
Related NEC: Open to Women: Yes

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.

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  
Course: OJT  
Sequence Code: 9  
Component NEC: 90CS  
Primary Advisor: OPNAV (N95)

Billet Paygrades: E6-E9  
Personnel Paygrades: E3-E9

ESTB Date: REV Date: 8/28/14  
Related NEC: Open to Women: Yes

Technical Advisor: CRG-1/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
Course: OJT
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: CIN:
ESTB Date: REV Date: 10/9/15
Related NEC: 90ET
Technical Advisor: ECRC
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Open to Women: Yes
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.

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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN:
ESTB Date: REV Date: 11/4/13
Related NEC: 90NJ
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Open to Women: Yes
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.

90NI - 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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN:
ESTB Date: REV Date: 11/4/13
Related NEC: 90NI
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 9
Component NEC: ADCNO (N1B)
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN:
ESTB Date: REV Date: 5/12/15
Related NEC: 90SI
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Open to Women: Yes
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
Course: OJT
Sequence Code: 9
Component NEC: Pri
Primary Advisor: ADCNO (N1B)
Billet Paygrades: CIN:
ESTB Date: 11/4/13
Related NEC: 8361
Technical Advisor: Pers-4
Personnel Paygrades: E1-E9
CDP:
Open to Women: Yes
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) Electronics Maintenance 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
Course: OJT
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: CIN:
ESTB Date: 10/9/15
Related NEC: 8361
Technical Advisor: ECRC
Personnel Paygrades: E1-E9
CDP:
Open to Women: Yes
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.

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
Course: Mandatory
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: CIN:
ESTB Date: 3/6/13
Related NEC: 90CS, 90UV
Technical Advisor: CRG1/CRG2
Personnel Paygrades: E1-E9
CDP:
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 9
Component NEC: NECC
Primary Advisor: NECC
Billet Paygrades: CIN:
ESTB Date: 3/6/13
Related NEC: 90CS, 90UN
Technical Advisor: CRG1/CRG2
Personnel Paygrades: E1-E9
CDP:
Open to Women: Yes
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 (TDSS), 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
Course: Mandatory
Sequence Code: 4
Component NEC: 9102
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E1-E8
Personnel Paygrades: E1-E8
CIN: A-231-0076
ESTB Date: 10/13/10
REV Date: 6/6/12
NR Ind: N
Open to Women: Yes
Technical Advisor: NAVYIFOR (N7/N1)
CDP: 477S
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: 9138
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN: A-231-0076
ESTB Date: 10/13/10
REV Date: 7/12/16
NR Ind: A
Open to Women: Yes
Technical Advisor: NAVYIFOR (N7/N1)
CDP: 713Y
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: 9102
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN: K-232-0113
ESTB Date: 2/9/15
REV Date: 6/6/12
NR Ind: N
Open to Women: Yes
Technical Advisor: NAVYIFOR (N7/N1)
CDP: 12D9, 12DA
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

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/SSQ-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
Course: Mandatory
Sequence Code: 3
Component NEC: 9150
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E6-E7
Personnel Paygrades: E6-E7
CIN: K-232-0113
ESTB Date: 2/9/15
REV Date: 6/30/16
NR Ind: N
Open to Women: Yes
Technical Advisor: NAVYIFOR (N7/N1)
CDP: 12D9, 12DA
NR Ind: N
Open to Women: Yes
ECM: BUPERS-32

NOTE: Top Secret/Sensitive Compartmented Information security clearance required.
9114 - Cryptologic Fleet 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E6  
CIN: K-231-1850  
ESTB Date: 3/4/15  
REV Date: 7/6/16  
Related NEC: 9150, 9161  
Technical Advisor: NAVIDFOR (N13)

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

9117 - Assistant Cryptologic Resource Coordinator (ACRC)
Conducts afloat strike group cryptologic operations utilizing organic, national and joint cryptologic resources in support of the Fleet Response Plan (FRP) and Fleet Readiness.

Source Rating: CTR  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E7-E8  
Personnel Paygrades: E7-E8  
CIN: A-3B-0011  
ESTB Date: 2/20/16  
REV Date:  
Related NEC: 9132  
Technical Advisor: NAVIDFOR (N13)

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

9132 - Afloat Cryptologic Manager
Supervises SSEE Suite personnel and equipment.

Source Rating: CTR  
Course: Mandatory  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E7-E8  
Personnel Paygrades: E7-E8  
CIN: J-3B-1200  
ESTB Date: 10/1/1984  
REV Date: 6/30/16  
Related NEC:  
Technical Advisor: NAVCYBERFOR (N13)

NOTE: Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.

9134 - Subsurface Augmentee Operator
Operates subsurface systems, applying complex intercept techniques and prescribed recording and reporting procedures.

Source Rating: CTR, CTI  
Course: JQR  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: A-233-0125  
ESTB Date: 3/9/16  
REV Date: 3/9/16  
Related NEC:  
Technical Advisor: NAVCYBERFOR (N7/N1)

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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: A-233-0125  
ESTB Date: 3/9/16  
REV Date: 3/9/16  
Related NEC:  
Technical Advisor: NAVCYBERFOR (N7/N1)

NOTE: Course requirement is waiverable. NEC code can be earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.
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-E8        Personnel Paygrades: E3-E8
Course: Mandatory         CIN: A-232-0074         CDP: 3859
Sequence Code: 3          ESTB Date: REV Date: 7/6/16 NR Ind: R
Component NEC:            Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6) Technical Advisor: NAVIDFOR (N13) 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.

9150 - Ship’s Signal Exploitation Equipment Increment Echo (SSEE INC E) Operator
Performs mobile cryptologic collection duties. Operates the SSEE Increment E (AN/SSQ-137) cryptologic system installed on U.S. Navy
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         CDP: 04C3, 04C4, 9385
Sequence Code: 4          ESTB Date: REV Date: 7/6/16 NR Ind: N
Component NEC: 9114        Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N2/N6) Technical Advisor: NAVIDFOR (N13) ECM: BUPERS-32

NOTES:
1. Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.
2. Component NEC 9114 is only required for E5 and below Sailors with no prior sea duty as CTR.
9161 - Ship's Signal Exploitation Equipment Increment Foxtrot (SSEE INC F) Operator
Performs mobile cryptologic collection duties. Operates the SSEE Inc F (AN/SSQ-130) cryptologic systems installed on U.S. Navy Combatants in order to provide cryptologic combat support to warfare commanders.

Source Rating: CTR
Course: Mandatory
Sequence Code: 3
Component NEC: 9114
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7
CIN: A-231-5905
ESTB Date: 9/27/13
Related NEC:
Technical Advisor: NAVIFOR (N13)

Personnel Paygrades: E1-E7
CDP: 11GB, 11GD, 11GE
REV Date: 7/7/16
Open to Women: Yes

NOTES:
1. Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.
2. Component NEC 9114 is only required for E5 and below Sailors with no prior sea duty as a CTR.

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
Course: Mandatory
Sequence Code: 3
Component NEC: 9141
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E6-E8
CIN: A-231-0044
ESTB Date: 9/27/13
Related NEC:
Technical Advisor: NAVCYBERFOR (N7/N1)

Personnel Paygrades: E6-E8
CDP:
REV Date: 6/6/12
NR Ind: N
Open to Women: Yes

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
Course: Mandatory
Sequence Code: 4
Component NEC: 9114
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E6
CIN: A-231-0044
ESTB Date: 9/27/13
Related NEC:
Technical Advisor: NAVIFOR N13

Personnel Paygrades: E3-E6
CDP: 6301
REV Date: 1/8/16
NR Ind: R
Open to Women: Yes

NOTE: TS/SCI security clearance required.

9187 - Naval Special Warfare (NSW) Tactical Information Operations (TIO) Operator
Provides focused cryptologic and Tactical Information Operations support to NSW. Performs signals intelligence, direction finding, and precision geolocation operations in support of Special Operations Forces (SOF) mission sets on ground, air and maritime environments.

Source Rating: CTR, CTI, CTN, CTT, CTM
Course: Mandatory
Sequence Code: 3
Component NEC: 90CS
Primary Advisor: SPECWARCOM

Billet Paygrades: E4-E9
CIN: K-431-7002
ESTB Date: 2/27/16
Related NEC:
Technical Advisor: NSWG TEN

Personnel Paygrades: E4-E9
CDP: 11U1
REV Date:
NR Ind: R
Open to Women: Yes

ECM: BUPERS-32

NOTE: TS/SCI security clearance required.
9190 - Special Security Assistant

Knowledgeable of the Sensitive Compartmented Information (SCI) security program. Perform duties as assistant to the Commanding Officer (CO) on all matters pertaining to SCI security program management. Performs multiple security disciplines in the following areas: Personnel security (initiates and updates security clearance/access eligibility); Security Access Eligibility Reports (SAER); Single Scope Background Investigation (SSBI), Periodic Re-Investigation (PR), Eligibility, polygraph management; maintains Special Security Office (SSO) files; Special Access/Compartmented Programs; SCI Facility oversight; Information Security (violation reporting or investigations, classification management, Freedom of Information Act (FOIA), and privacy act); and Security Education & Awareness. Prepares classified correspondence. Reads SCI material for electronic transmission and physical transfer by the Defense Courier Service (DEFCOS). Provides and maintains accreditation of SCI facilities. Exercises control/accountability of all command SCI material.

Source Rating: YN, YNS  
Course: OJT  
Sequence Code: 3  
Component NEC: NIA (N2N6I)  
Primary Advisor: NIA (N2N6I)  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN:  
ESTB Date: 3/7/17  
NR Ind: A  
Related NEC:  
Technical Advisor: SSO Navy (NIA IP1)  
ECM: BUPERS-32

NOTES:
1. Each candidate must possess a Department of Defense Consolidated Adjudication Facility (DoD CAF) TS/SCI eligibility and complete DoD SCI Security Officials course (SCI201.01) (resident course) provided by the Defense Security Service Center for Development Security Excellence (DSS/CDSE) or the SSO Navy SSO/SSR Professional Training Course (CBT or Resident) provided by SSO Navy or a Regional Special Security Office (SSIO) fleet wide. Additionally, the following DSS/CDSE E-Learning courses are required: Introduction to Information Security (IF011.16); Introduction to Personnel Security (PS113.16); JPA/S/CAVS Virtual Training for Security Professionals (PS123.16); Security Policies, Principles, and Programs (GS140.16). OPM - e-QIP Web Based Training slides are available on the OPM.GOV site: https://www.opm.gov/investigations/eqip-application/web-based-training/. Candidates are required to become familiar with the following material: ICD/ICS 705, 705.1, 705.2; ICD 704 & ICPG 704.1, 704.2, 704.3, 704.4, 704.5; DoDM 5105.21 (Vols 1-3) and SSO definitions.
2. E4 personnel who are currently serving at their Permanent Duty Station, in an ACC 100 status with 2 years Time-In-Grade may be awarded this NEC code.
3. 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 Naval Support Facility - Arlington, 701 South Courthouse Road, BLDG #12, Room 3J250-SSO Navy, Arlington, VA. 22204. SSO Navy will validate TS/SCI eligibility and endorse and forward to NAVPERSCOM (PERS-4013) for awarding of NEC code.

91AA - Cryptologic Subsurface Augmentee Supervisor

Supervises subsurface cryptologic augmentee teams and applies analysis to both organic and non-organic sources to provide indications and warning to supported commanders. Manages all cryptologic systems and resources.

Source Rating: CTI, CTR  
Course: JQR  
Sequence Code: 4  
Component NEC: 9134  
Primary Advisor: COMTENTHFLT (N13)  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN:  
ESTB Date: 12/7/16  
REV Date: NR Ind: A  
Related NEC:  
Technical Advisor: NAVIFOR (N3)  
ECM: BUPERS-32

NOTE: Must process a Top Secret/Sensitive Compartment Information security clearance.

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  
Course: OPNAV (N2/N6)  
Sequence Code: 3  
Component NEC:  
Primary Advisor: NAVCYBERFOR (N7/N1)  
Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
CIN:  
ESTB Date: REV Date: 6/6/12  
NR Ind: N/A  
Related NEC:  
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.
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: 10/11/12  
REV Date: 10/11/12  
NR Ind: N  
Component NEC: 
Related NEC: 
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVICYBERFOR (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)  
CDP: 967P  
A-102-0116 (ISCRS)  
01INN, 02FM  
Sequence Code: 4  
ESTB Date: 3/9/16  
REV Date: 3/9/16  
NR Ind: N  
Component NEC: 
Related NEC: 
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVICYBERFOR (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 auxiliary systems.

Source Rating: CTM  
Billet Paygrades: E3-E7  
Personnel Paygrades: E1-E7  
Course: Mandatory  
CIN: A-102-5900  
CDP: 11CS  
Sequence Code: 4  
ESTB Date: 9/27/13  
REV Date: 7/6/16  
NR Ind: N  
Component NEC: 
Related NEC: 
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N13)  
ECM: BUPERS-32

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

9308 - Navy Interactive On-Net Operator
Navy Interactive On-Net Operators use advanced software applications for network navigation and tactical forensic analysis.

Source Rating: CTN  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
CIN: A-531-0451  
CDP: 07PV  
Sequence Code: 3  
ESTB Date: 1/26/17  
REV Date: 1/26/17  
NR Ind: R  
Component NEC: 
Related NEC: 
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (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.
9317 - Language Program Manager
Responsible for carrying out language training and readiness functions as designated by the Commanding Officer, Officer-In-Charge, 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  
Course:  
Sequence Code: 6  
Component NEC: NAVCYBERFOR (N7/N1)  
Primary Advisor: NAVCYBERFOR (N7/N1)  
Billet Paygrades: E6-E8  
CIN:  
ESTB Date: 4/19/11  
REV Date: 6/6/12  
NR Ind: R  
Open to Women: Yes  
Technical Advisor: BUPERS-327  
ECM: BUPERS-327  
Personnel Paygrades: E5-E8

NOTES:
1. Successful completion of the two (2) day National Security Agency Course of Instruction LIMA 1700 (Cryptologic Language Training Manager 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.

9318 - Exploitation Analyst
Identifies access and collection gaps that can be satisfied through Cyberspace Operations; develops detailed Exploitation and Operations Plans that are executed by Cyberspace Operators; and function as navigators during cyberspace operations. Uses all source data to understand and map target networks, identify tool gaps, and submit Cyberspace Operations tool requirements to appropriate development organizations.

Source Rating: CTN  
Course: JQR  
Sequence Code: 4  
Component NEC: COMTENTHFLT (N13)  
Primary Advisor: COMTENTHFLT (N13)  
Billet Paygrades: E5-E8  
CIN:  
ESTB Date: 2/4/16  
REV Date: 4/5/17  
NR Ind: A  
Open to Women: Yes  
Technical Advisor: NAVIFOR (N13/N7)  
ECM: BUPERS-32  
Personnel Paygrades: E5-E8

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. This NEC code is awarded upon completion of the National Security/Central Security Service (NSA/CSS) Network Exploitation Analysis NETA2108, CYBR3800, and Exploitation Analyst JQR.

9319 - Digital Network Analyst
Performs analysis on collected information for metadata and content. Utilize data to reconstruct and document target networks to judge the relevant cyber intelligence information value, maintain continuity, ensure continued collection, provide indications and warning, identify users, and in some cases identify the activities of the target. Understands and performs target analysis of communication technologies and digital network systems vulnerabilities.

Source Rating: CTN  
Course: PQS  
Sequence Code: 4  
Component NEC: COMTENTHFLT (N13)  
Primary Advisor: COMTENTHFLT (N13)  
Billet Paygrades: E4-E7  
CIN:  
ESTB Date: 3/16/16  
REV Date: 1/26/17  
NR Ind: A  
Open to Women: Yes  
Technical Advisor: NAVIFOR (N13/N7)  
ECM: BUPERS-32  
Personnel Paygrades: E4-E7

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. This NEC code is awarded upon completion of the National Security Agency/Central Security Service (NSA/CSS) Network Exploitation Analysis (NETA) 2108, and subsequent completion of Digital Network Analyst PQS NAVEDTRA 50006-A.
3. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.
9320 - Middle East and North Africa Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B511.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades:</th>
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</tr>
</thead>
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<tr>
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</tr>
<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: 3/17/11 REV Date: 7/6/16</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: NAVIDFOR</td>
<td>Technical Advisor: BUPERS-327</td>
<td>ECM: BUPERS-327</td>
</tr>
</tbody>
</table>

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Information Dominance Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

9321 - East and Far East Asia Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B512.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E1-E8</th>
</tr>
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<tr>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: 3/17/11 REV Date: 7/6/16</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: NAVIDFOR</td>
<td>Technical Advisor: BUPERS-327</td>
<td>ECM: BUPERS-327</td>
</tr>
</tbody>
</table>

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Information Dominance Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

9322 - Latin and South America Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B515.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades:</th>
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</tr>
<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: 3/17/11 REV Date: 7/6/16</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: NAVIDFOR</td>
<td>Technical Advisor: BUPERS-327</td>
<td>ECM: BUPERS-327</td>
</tr>
</tbody>
</table>

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Information Dominance Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

9323 - Eastern Europe Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B516.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E1-E8</th>
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<td>ESTB Date: 3/17/11 REV Date: 7/6/16</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
</tr>
<tr>
<td>Primary Advisor: NAVIDFOR</td>
<td>Technical Advisor: BUPERS-327</td>
<td>ECM: BUPERS-327</td>
</tr>
</tbody>
</table>

NOTES:
1. Individual must successfully complete the respective Apprentice Cryptologic Language training program.
2. Individual must meet minimum Navy Information Dominance Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.
**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  
Related NEC:  
NR Ind: A  
Component NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6C122)  
Technical Advisor: NAVCYBERFOR (N13)  
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-E8  
Personnel Paygrades: E4-E8  
Course: OJT  
CIN:  
CDP:  
Sequence Code: 3  
ESTB Date: 3/25/14  
REV Date: 1/26/17  
Related NEC:  
NR Ind: R  
Component NEC: 9308  
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Related NEC:  
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 9326 do not remove Component NEC, member shall retain NEC code 9308 for Selected Reenlistment Bonus (SRB) entitlements.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

**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-E8  
Personnel Paygrades: E4-E8  
Course: OJT  
CIN:  
CDP:  
Sequence Code: 3  
ESTB Date: 3/25/14  
REV Date: 1/26/17  
Related NEC:  
NR Ind: R  
Component NEC: 9308  
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Related NEC:  
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.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

**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 infrastructure.

Source Rating: CTN  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
Course: OJT  
CIN:  
CDP:  
Sequence Code: 3  
ESTB Date: 3/25/14  
REV Date: 1/26/17  
Related NEC:  
NR Ind: R  
Component NEC: 9308  
Open to Women: Yes  
Primary Advisor: OPNAV (N2/N6)  
Related NEC:  
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.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.
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
Course: Mandatory
Sequence Code: 3
Component NEC: 8201
Primary Advisor: OPNAV(N98)

Billet Paygrades: E4-E8
CIN: E-050-3020 (P/L)
ESTB Date: REV Date: 12/9/16
Related NEC: NAVAIR
Technical Advisor: NAVAIR
Personnel Paygrades: E4-E9
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

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
Course: Mandatory
Sequence Code: 4
Component NEC: 8201
Primary Advisor: OPNAV (N88)

Billet Paygrades: E4-E8
CIN: D-050-1130 (P/L)
ESTB Date: REV Date: 12/9/16
Related NEC: NAVAIR
Technical Advisor: NAVAIR
Personnel Paygrades: E3-E9
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

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
Course: Mandatory
Sequence Code: 7
Component NEC: USFF N1SF
Primary Advisor: CENSECFOR N5

Billet Paygrades: E6-E9
CIN: A-830-0034
ESTB Date: REV Date: 1/4/16
Related NEC: CENSECFOR N5
Technical Advisor: CENSECFOR N5
Personnel Paygrades: E6-E9
CDP: 746T, 746U
NR Ind: A
Open to Women: Yes
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: 10/5/16  NR Ind: R
Component NEC:  Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N12)  Technical Advisor: NETC

NOTES:
1. The Commanding Officer of the individual's permanent duty station is responsible for recommending NEC code 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 are the primary source for Navy instructors and shall attend Navy Instructor Training Course (NITC).
6. E-4 personnel may only attend NITC if they have an overall 4.0 on their most recent performance evaluation and a written waiver from the ultimate gaining command.
7. Exception: E-3 ND rating accession level personnel will be accepted for Instructor Duty to fill E-4 Instructor billets at Navy Medicine Operational Training Center and Aviation Survival Training Center. Upon attaining the rank of E-4, these graduates may be awarded this NEC code by submitting NAVPERS 1221/6 to PERS-4013D2.
8. Last reviewed during “ND HPRR” completed 10/5/16.

9503 - Miniature/Microminiature Electronic Repair Inspector
Performs annual recertification of miniature and microminiature technicians and 12-18 month 2M program validation per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).

Course: Mandatory  CIN: A-100-0058  CDP: 8722, 452C, 004P, 753J, 759V, 759W
Sequence Code: 7  ESTB Date: REV Date: 3/7/17  NR Ind: A
Component NEC: 9526  Related NEC:  Open to Women: Yes
Primary Advisor: OPNAV (N43)  Technical Advisor: NAVSEA 04, NAVAIR

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).
2. NEC code is normally assigned to E5-E8 AE and AT; and E7-E8 CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, IT, MT, STG, and STS.
3. For the CTT source rating only, NEC codes 1702, 1734, 1736, and 1739 are prerequisites for this NEC code.
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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 9502  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: B-570-0101  
ESTB Date: REV Date: 8/20/15  
Related NEC: NAVAIR  
Technical Advisor: NAVAIR  
CDP: 1237  
NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 9502  
Primary Advisor: NETC

Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E9  
CIN: E-012-0001  
ESTB Date: REV Date: 4/22/16  
Related NEC: CENSECFOR  
Technical Advisor: CENSECFOR  
CDP: 448C, 07Z7  
NR Ind: R  
Open to Women: Yes  
ECM: OPNAV (N13)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 4/22/16.

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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 9502  
Primary Advisor: OPNAV N7

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-012-0037  
ESTB Date: REV Date: 9/9/15  
Related NEC: NETC  
Technical Advisor: NETC  
CDP: 4060  
NR Ind: R  
Open to Women: Yes  
ECM: OPNAV (N13)

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

9509 - 2M Instructor

Source Rating: AE, AT, CTT, EM, ET, ETN, ETR, ETV, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 9502 and 9526  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E8  
CIN: A-100-0074 (P/L)  
ESTB Date: REV Date: 3/7/17  
Related NEC: 9503  
Technical Advisor: NAVAIR, NAVSEA 04  
CDP: 452F, 450J, 5310, 5312  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).
2. NEC code normally assigned to AE, AT, EM, ET, FC, FCA, FT, GM, GSE, IC, MT, IT, STG, STS.
3. For the CTT source rating only, NEC codes 1702, 1734, 1736, and 1739 are prerequisites for this NEC code.
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.

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.
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 mission. 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:  
Sequence Code: 7  
ESTB Date:  
REV Date: 8/27/15  
Component NEC: 9502  
Related NEC:  
Technical Advisor: NETC  
Primary Advisor: OPNAV (N1)  
Open to Women: Yes  
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.

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  
Sequence Code: 3  
ESTB Date:  
REV Date: 8/29/14  
Component NEC:  
Related NEC:  
Technical Advisor: NETWARCOM (N17)  
Primary Advisor: OPNAV (N2/N6)  
Open to Women: Yes  
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.

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  
Sequence Code: 3  
ESTB Date:  
REV Date: 3/7/17  
Component NEC:  
Related NEC:  
Technical Advisor: NAVSUP  
Primary Advisor: OPNAV (N4)  
Open to Women: Yes  
ECM: PERS 4011D15

NOTE: Optimal ratings are AO, AW, FC, FCA, GM, MA, and MN. NEC code will only be assigned to the MA rating as an option when all other optimal ratings are not assigned to the command.
9526 - Microminiature Electronic Repair Technician
Performs additional repairs beyond those taught to 9527 technicians, e.g., repair of flexible conductors, multilayer conductors and laminates, illuminated panels, and removal and replacement of welded lead components and surface mounted devices per NAVSEAINST 4790.17B and COMNAVAIRFORINST 4790.2B. Repairs conducted using approved equipment and practices as authorized in the Standard Maintenance Practices Miniature/Microminiature (2M) Electronic Assembly Repair (NAVSEA SE004-AK-TRS-010/2M, NAVAIR 01-1A-23) Technical Manual.

Source Rating: AE, AT, CTT, EM, ET, ETN, ETR, ETF, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS
Billet Paygrades: E4-E6
Personnel Paygrades: E3-E6
Course: Mandatory
CIN: A-100-0073
S-100-7300
CDP: 092V, 093Y, 452E, 439U, 769H, 8706
12WN, 12WP, 12WR, 12WS, 12WT
ESTB Date: REV Date: 3/7/17
Component NEC: 9527
Related NEC: 1591
Open to Women: Yes
Primary Advisor: OPNAV (N43)
Technical Advisor: NAVSEA 04, NAVAIR
ECM: BUPERS-32

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).
2. NEC code is normally assigned to AE, AT, CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, MT, IT, STG, STS, MN.
3. CIN: S-100-7300 and CDPs: 12WN, 12WP, 12WR, 12WS, 12WT are for use by the 2M MTR Fleet Coordinators only.
4. For the CTT source rating only, NEC codes 1702, 1734, 1736, and 1739 are prerequisites for this NEC code.

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 NAVSEAINST 4790.17B and COMNAVAIRFORINST 4790.2B. Repairs conducted using approved equipment and practices as authorized in the Standard Maintenance Practices Miniature/Microminiature (2M) Electronic Assembly Repair (NAVSEA SE004-AK-TRS-010/2M, NAVAIR 01-1A-23) Technical Manual.

Source Rating: AE, AT, CTT, EM, ET, ETN, ETR, ETF, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS
Billet Paygrades: E4-E6
Personnel Paygrades: E3-E6
Course: Mandatory
CIN: A-100-0073
S-100-7300
CDP: 092V, 093Y, 452E, 439U, 769H, 8706
12WN, 12WP, 12WR, 12WS, 12WT
ESTB Date: REV Date: 3/7/17
Component NEC: 9527
Related NEC: 1591
Open to Women: Yes
Primary Advisor: OPNAV (N43)
Technical Advisor: NAVSEA 04, NAVAIR
ECM: BUPERS-32

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).
2. NEC code is normally assigned to AE, AT, CTT, EM, ET, FC, FCA, FT, GM, GSE, MT, IT, STG, STS, IC, MN.
3. CIN: S-100-7200 and CDPs: 12W8, 12W9, 12WB, 12WC, 12WD are for use by 2M MTR Fleet Coordinators only.
4. For the CTT source rating only, NEC codes 1702, 1734, 1736, and 1739 are prerequisites for this NEC code.

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, ETF, HT, IC, MMA, MR
Billet Paygrades: E5-E8
Personnel Paygrades: E4-E8
Course: Mandatory
CIN: K-431-0306
K-431-0087
CDP: 5300
5301
ESTB Date: REV Date: 12/13/15
Component NEC: Related NEC:
Technical Advisor: NAVSEA 05, SPECWAR
ECM: BUPERS-32

NOTES:
1. Course K-102-0306 is for ETR and ETF 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
Course: CIN:
Sequence Code: 3
ESTB Date: REV Date: 12/13/15
Component NEC:
Related NEC:
Primary Advisor: SPECWAR
Technical Advisor: SPECWAR
Personnel Paygrades: E4-E9
CDP:
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
CIN: S-041-0002
Sequence code: 4
ESTB Date: REV Date: 6/6/12
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N95)
Technical Advisor: SPECWAR
Personnel Paygrades: E4-E9
CDP: 5836
NR Ind: A
Open to Women: Yes
ECM: BUPERS-32

NOTE: Last reviewed during “GM HPPR” 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:
Course: CIN:
Sequence Code: 3
ESTB Date: REV Date: 7/6/16
Component NEC:
Related NEC:
Primary Advisor: USFF N1SF
Technical Advisor: NECC
Personnel Paygrades: E3-E6
CDP:
NR Ind: N
Open to Women: Yes
ECM: PERS 4011D14

NOTES:
1. NEC code maintained for inventory purposes only-no longer awardable.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.
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: AB, ABE, ABF, ABH, AD, AE, AF, AM, AME, AO, AS, AT, AV, AWF, AWO, AWR, AWS, AWV, AZ, LS, PR
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
Course: 3
Sequence Code: 1/97
ESTB Date: 12/9/16
REV Date: NR Ind: N
Component NEC: Open to Women: Yes
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR, NAVSUP (04)
CIN: ECM: BUPERS-32
CDP:

NOTES:
1. NEC code awarded upon completion of the Defense Acquisition University (DAWIA) courses ACQ-101 and LOG-101.
3. DAWIA training courses are obtained and funded for Navy personnel through the Defense Acquisition Career Management (DACM) Office via the DON Acquisition Training Registrar, Naval Acquisition Career Management Center, 5450 Carlisle Pike, P.O. Box 2033, Mechanicsburg, PA 17055 using quotas that are assigned to the requesting command. Individuals must be currently in, or ordered to, an identified Acquisition billet.

9550 - Unmanned Undersea Vehicle (UUV) Operator
Performs duties as a member, or in support of a UUV Detachment. Operate and perform organizational level maintenance on all rating oriented equipment aboard UUV’s and support equipment.

Source Rating: AG, ETR, ETW, FT, IS, ITS, MMA, MMW, OS, STS
Billet Paygrades: E5-E8
Personnel Paygrades: E5-E9
Course: OJT/PQS
Sequence Code: 4
ESTB Date: 10/31/16
REV Date: NR Ind: A
Component NEC: Open to Women: Yes
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
CIN: ECM: BUPERS-32
CDP:

NOTES:
1. Member must have successfully completed all required OJT/PQS as outlined in SDS5DETUUVINST 3500.13 to earn this NEC code.
2. Submit NAVPERS 1221/6 to PERS-4013D2 with Officer-In-Charge endorsement.

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: 3
Sequence Code: 1/9/15
ESTB Date: 9/9/15
REV Date: NR Ind: R
Component NEC: Open to Women: Yes
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
CIN: ECM: OPNAV (N13)
CDP:

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.

230
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 systems, 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: AZ, LN, PS, YN, YNS  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
Course: Mandatory  
CIN: S-3C-0001  
CDP: 925X, 925W  
Sequence Code: 4  
ESTB Date: REV Date: 3/7/17  
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.

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:
Personnel Paygrades: E3-E9
Course: OJT
CIN: CDPS
Sequence Code: 3
ESTB Date: REV Date: 3/7/17
NR Ind: R
Component NEC:
Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: OPNAV (N13)

NOTES:
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 operator.

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).

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.

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; Naval Strike and Air Warfare Center Joint Terminal Attack Controller Course; and Expeditionary Warfare Training Group, Pacific.
2. Member must be JTAC certified and qualified IAW JTAC AP MOA 2004-02 and possess a secret security clearance.

9569 - Joint Terminal Attack Controller Instructor (JTAC-I)
Qualified and current JTAC who has at least one-year of operational JTAC experience and who is assigned in an instructor capacity at an approved JTAC schoolhouse, 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.

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  G-060-2020  CDP: 04X4  04X7
Sequence Code: 5  ESTB Date:  REV Date: 4/1/14  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 code 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:  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).
      4. Submarine Safety Officer Afloat Course (F-4J-0020) or (F-4J-0023 for the online course).

2. Submit NAVPERS 1221/6 to PERS-4013D2 with Commanding Officer's endorsement and copies of documentation reflecting the course of instruction completed.

9575 - Correctional Custody Specialist Ashore
Performs specialized correctional duties at naval places of confinement including responsibility for the security control supervision support health and care of prisoners and awardees; security operations of sally ports control centers cell blocks dormitories and perimeter security posts; and movement of awardees/detainees/prisoners within and outside places of confinement. Supervises awardees in a non-incarcerative setting providing leadership and guidance by instruction and by example. Is knowledgeable of correctional programs and administration as practiced in both the brig and correctional custody unit environments. Has ability to supervise both brig prisoners and detainees and correctional custody unit awardees while applying the level of control supervision and guidance appropriate to each. Performs such other duties as area shakedown strip and frisk searches escorting tool and key control and disaster fire disturbance and riot control.

Source Rating: All  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.
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
Course: Mandatory
Sequence Code: 2
Component NEC: OPNAV (N00D)

Billet Paygrades: E8
CIN: A-570-4500
ESTB Date: REV Date: 9/18/15
Related NEC:
Technical Advisor: OPNAV (N00D)

Personnel Paygrades: E8-E9
CDP: 788J
NR Ind: A
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 2
Component NEC: OPNAV (N97)

Billet Paygrades: E8-E9
CIN: A-570-4500
ESTB Date: REV Date: 5/15/15
Related NEC:
Technical Advisor: PERS-403

Personnel Paygrades: E8-E9
CDP: 788J
NR Ind: R
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
Course: Mandatory
Sequence Code: 2
Component NEC: OPNAV (N00D)

Billet Paygrades: E9
CIN: A-570-4500
ESTB Date: REV Date: 9/18/15
Related NEC:
Technical Advisor: NETC-003

Personnel Paygrades: E9
CDP: 788J
NR Ind: A
Open to Women: Yes
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 CMDCH, FLTCH, 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 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  
Course: OJT  
Sequence Code: 5  
Component NEC: OPNAV (N43)  
Primary Advisor: OPNAV  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: REV Date: 9/9/15  
Related NEC: NAVSEA 05  
Technical Advisor: NAVSEA 05  
CDP: NR Ind: R  
Open to Women: Yes  
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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 9564  
Primary Advisor: OPNAV (N120)  
Billet Paygrades: CIN: A-557-0009  
Personnel Paygrades: E4-E9  
or  
B-557-3005  
ESTB Date: 3/8/13 REV Date: 09M5  
Related NEC:  
Technical Advisors:OPNAV (N96)/(N97)/(N98)  
CDP: 07HE  
or  
09M5  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

**NOTES:**

1. The DON approved JQR standards have been met:
   a. Lead two full DMAIC projects and one KAIZEN/Rapid Imporovement 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 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  
Course: OJT  
Sequence Code: 5  
Component NEC: OPNAV (N43)  
Primary Advisor: OPNAV  
Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: REV Date: 9/9/15  
Related NEC: NAVSEA 05  
CDP: NR Ind: R  
Open to Women: Yes  
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
Course: Mandatory
Sequence Code: 8
Component NEC: 9585
Primary Advisor: NAVCRU
Billet Paygrades: E4-E9
CIN: S-501-0020, S-7C-2414
ESTB Date: REV Date: 10/9/15
Related NEC: NAVCRU
Personnel Paygrades: E3-E9
CDP: 942H, 962H
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 8
Component NEC: 9585
Primary Advisor: NAVCRU
Billet Paygrades: E5-E9
CIN: S-501-0031
ESTB Date: REV Date: 10/9/15
Related NEC: NAVCRU
Personnel Paygrades: E5-E9
CDP: 945P
NR Ind: R
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 8
Component NEC: 9585
Primary Advisor: NAVCRU
Billet Paygrades: E6-E9
CIN: S-7C-2414
ESTB Date: REV Date: 10/9/15
Related NEC: NAVCRU
Personnel Paygrades: E6-E9
CDP: 962H
NR Ind: N
Open to Women: Yes
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
Course: Mandatory
Sequence Code: 3
Component NEC: 9585
Primary Advisor: OPNAV (N96)
Billet Paygrades: E6-E8
CIN: A-501-0011
ESTB Date: REV Date: 5/28/15
Related NEC: NAVCRU
Personnel Paygrades: E5-E8
CDP: 3192, 477B
NR Ind: R
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. NEC code is not awardable to NC personnel.
9590 - Support Equipment Asset Manager
Manages aviation support equipment (SE) asset inventories as set forth by the Naval Aviation Maintenance Program and the Aircraft Maintenance Material Readiness List Program. Manages SE assets at the aircraft organizational and intermediate levels of maintenance afloat and ashore, naval air training activities, naval aviation depots, and aviation wings. Uses logistic management techniques, supply procedures, technical publications, and automated data processing equipment to conduct, reconcile, and report SE asset inventories; acquire and dispose of SE assets; train subordinate SE asset managers and conduct liaison with support equipment controlling authorities.

Source Rating: AD, AE, AM, AME, AO, AT, AS, AZ, LS  Billet Paygrades: E5-E7  Personnel Paygrades: E5-E8  CIN: C-555-0026  ESTB Date: 12/13/15  REV Date: 12/13/15  CDP: 07YK, 07YL, 07YM, 07YN, 09G4, 571X, 2165  NR Ind: R  Open to Women: Yes  ECM: OPNAV (N13)

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.


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  CIN: S-661-1025  ESTB Date: 12/13/15  REV Date: 12/13/15  CDP: 946C  NR Ind: R  Open to Women: Yes  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  CIN: A-322-2600  A-322-2601  A-322-2604  ESTB Date: 3/9/15  REV Date: 3/9/15  CDP: 05BK, 05C2, 05HV, 05HZ, 06WL, 07AV, 07AW, 07AX, 07B1, 07B4, 09PZ, 09YK, 10CX, 438D, 592X 01XA, 01XB, 01XC, 01XD, 01XE, 01XF, 01X6, 01X7, 01X8, 01X9, 02UU, 03C3, 09RO, 09RK, 10CZ, 5575 01X6, 01X7, 01X8, 01X9, 02UU, 03C3, 09RO, 09RK, 10CZ, 5575 10ZZ  NR Ind: A  Open to Women: Yes  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
Course: Mandatory
Sequence Code: 2
Component NEC:
Primary Advisor: NWC (N0)

Billet Paygrades: E7-E9
CIN: H-2G-1001
ESTB Date: 8/9/11
Related NEC:
Technical Advisor: NWC (70)

Personnel Paygrades: E7-E9
NR Ind: A
REV Date: 7/6/16
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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
Course: Mandatory
Sequence Code: 5
Component NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E7
CIN: A-670-0020
ESTB Date: 7/6/16
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E9
NR Ind: R
REV Date: 7/6/16
Open to Women: Yes
ECM: OPNAV (N13)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 7/6/16.

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
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N96)/(N97)/(N98)

Billet Paygrades: E5-E8
CIN: A-494-0006
ESTB Date: 4/22/16
Related NEC:
Technical Advisor: NAVFACENG

Personnel Paygrades: E5-E8
NR Ind: R
REV Date: 4/22/16
Open to Women: Yes
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 “NAVMAC Periodicity Review” completed 4/22/16.

95AA - NAMTS Shipboard Calibration Coordinator
Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level support procedures including inspecting, troubleshooting, and calibrating systems and associated components in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, and quality assurance specifications. Thorou9gh understanding of NAVSEA Metrology and Calibration (METCAL); Test, Measurement, & Diagnostic Equipment (TMDE); Shipboard Instrumentation and Systems Calibration (SISCAL) programs; the hands-on execution of real calibration work; and the proper use of Organizational and Intermediate Maintenance industrial machinery.

Rating: EM, EN, ET, GSE, GSM, IC, MM
Course: JQR/OJT
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E7
CIN: V-652-1010 (P/L)
ESTB Date: 3/3/16
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E7
CDP: 12UB, 12UC, 12UD, 12UE, 12UF
REV Date: NR Ind: R
Open to Women: Yes
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 Requirements (JQR) located at https://navsea.portal.navy.mil/field/cnrmc/namts.
95AB - NAMTS Valve Repair Technician
Performs Navy Afloat Maintenance Training Strategy (NAMTS) operational and intermediate level maintenance procedures inspecting and repairing marine valves, valve manifolds, strainers, and other related components in support of Fleet-directed requirements. Demonstrates knowledge of operational and intermediate level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of industrial machinery.

Source Rating: All  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E3-E7  
CIN: V-652-4540 (P/L)  
ESTB Date: 5/9/16  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E8  
REV Date:  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Award of NEC code 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/. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

95AC - NAMTS Watertight Closure Maintenance Technician
Performs Navy Afloat Maintenance Training Strategy (NAMTS) operational and intermediate maintenance procedures pertaining to watertight closures. Complete required periodic inspections of doors, hatches, and scuttles in accordance with prescribed safety and preventive maintenance policies and procedures. Proficient in completing removal, installation, testing of watertight closures and gaskets, assembly, replacement and reassembly of all watertight closures and their components in support of Fleet-directed requirements.

Source Rating: All  
Course: JQR, OJT  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E3-E7  
CIN: V-495-4812 (P/L)  
ESTB Date: 8/3/16  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E3-E8  
CDP: 01J9, 11WZ, 11XO, 12HJ, 12RD, 13BG, 689A, 689B, 689G, 689H, 689J  
REV Date:  
NR Ind: A  
Open to Women: Yes  
ECM: BUPERS-32

NOTE: Awarding 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/. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certified.
95AD - Command Pay and Personnel Administrator (CPPA)

Serves generally at the Echelon III and IV levels as the command representative on Navy pay, personnel, and travel policies and procedures. Assigned as the critical link between individual Sailors, his or her_command, and the supporting pay and personnel organization. Responsible for ensuring that all documents and information associated with Sailors pay, personnel, and travel support are relayed to the appropriate supporting pay and personnel organization via the current authorized process and per applicable policies governing timeliness standards. Provides routing input to their respective Commanding Officer/OFFicer in Charge on issues related to Navy pay, personnel, and travel within the command; facilitate Navy pay and personnel transactions for command personnel on behalf of the pay and personnel supporting organization; process travel related documents on behalf of the pay and personnel supporting organization; provide guidance to command personnel on changes to Navy pay, personnel, and travel policies and procedures; and attend regularly scheduled meetings and training sessions sponsored by the supporting pay and personnel organization.

NOTES:

1. Per OPNAVINST 5200.45 and MILPERSMAN 1000-021, the designation as the Command Pay and Personnel Administrator (CPPA) and subsequent awarding of the 95AD NEC code will occur after completion of all PSD Command Pay and Personnel Administrator (CPPA) Courses of Instruction (COI), all identified Navy e-learning (NeL) courses, and receipt of designation letter signed by the Commanding Officer:

   a. Specific CPPA curriculum is entitled “Command PASS Coordinator Training” or “Command Pay and Personnel Administrator (CPPA) Training” located at http://my.navy.mil. Click “OK” when the popup window launches. Select “Click Here for NKO Access”. While using your CAC E-Mail Certificate after being prompted, type in your PIN. Select the Learning Tab at the top of the page and then Navy E-Learning-Online Courses. Click “I Agree” and “Login with CAC”. Click on the Course Catalog Tab, Enter “Command PASS Coordinator Training” or “Command Pay and Personnel Administrator CPPA Training” in the Title Search Box and click apply filters. Click the “Enroll” button to the right of the PAPERS Command PASS Coordinator (CPC) Training of Command Pay and Personnel Administrator (CPPA) Training. Click “Continue” when the popup window launches. Click on the “My Learning” tab at the top of the window, and click the “Launch” button below the PERS2-PERS2-PAPERS Command PASS Coordinator (CPC) Training of Command Pay and Personnel Administrator (CPPA) Training. Click “Continue” when the popup window launches. Click on the “My Learning” tab at the top of the window, and click the “Launch” button below the PERS2-PERS2-PAPERS Command PASS Coordinator (CPC) Training of Command Pay and Personnel Administrator (CPPA) Training. Click “Continue” when the popup window launches.

   b. Additional courses required for CPPA designation are located on Navy e-learning (NeL) include:

      - Privacy and Personally Identifiable Information (PII) Awareness Training - DOD-PII-2.0
      - Records Management in the DON: Everyone’s Responsibility - DOR-RM-010-I.2

2. Other ratings may apply and be awarded this NEC code based on command manning which does not support the assignment of an NC, PS, YN, or YNS.

3. COMNAVPERSCOM Millington TN Pay and Personnel Information Bulletin 16-05 requires qualified personnel requesting the CPC/CPPA NSIPS user role to complete a Navy SAAR-N (OPNAV 5239/14) and submit to the supporting PSD. CPPAs must have completed the training and be designated by their CO before NSIPS CPC/CPPA user role access is approved.

4. Commands with Personnel Offices staffed to process pay and personnel transactions in NSIPS Afloat are encouraged to obtain the NEC code for professional growth.

5. Individuals applying for this Navy Enlisted Classification (NEC) code must be serving as a CPPA at their current command and continue to meet the requirements as described in OPNAVINST 5200.45 and MILPERSMAN 1000-021 during the current tour of duty.

6. Submission of a NAVPERS 1221/6 along with a copy of all course completion documentation and CPPA letter of designation shall be sent to PERS-4013 for awarding of the NEC code.

95AE - Joint Terminal Attack Controller Evaluator (JTAC-E)

Designated to conduct initial and recurring JTAC and JTAC Instructor evaluations; Perform in accordance with pertinent manuals, brief evaluations, identify discrepancies, assess overall performance, assign grades and additional training if necessary and complete all evaluation documentation.

NOTES:

1. Must possess one year of experience as qualified JTAC Instructor.
2. Must be certified and qualified JTAC Evaluator per JFS ESC AP MOA 2004-01 JTAC (Ground), and designated by their unit commander.
3. Must possess a secret security clearance.
**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  
**Sequence Code:** 7  
**ESTB Date:** 7/30/14  
**REV Date:**  
**Related NEC:**  
**Technical Advisor:**  
**Primary Advisor:** OPNAV (N17)  
**Technical Advisor:** OPNAV (N17)  
**Personnel Paygrades:** E4-E9  
**CDP:** 08HM, 08HN, 08HP, 08HR, 08HS, 08HT, 08HU, 08HV, 08HW, 08HX, 08HY, 08HZ, 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, 08XX, 08KY, 08KZ, OSLO, 08L1, 08L2, 08L3, 08L4, 08LU, 08LV, 08MX  
**NR Ind:** A  
**Open to Women:** Yes  
**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**


**Source Rating:** ET  
**Billet Paygrades:** Personnel Paygrades: E3-E7  
**Course:** Mandatory  
**CIN:** A-101-0148  
**Sequence Code:** 4  
**ESTB Date:** 7/30/14  
**REV Date:**  
**Related NEC:**  
**Primary Advisor:** OPNAV (N2/N6)  
**Technical Advisor:** SPAWAR  
**Personnel Paygrades:** E3-E7  
**CDP:** 577N  
**NR Ind:** N  
**Open to Women:** Yes  
**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 preventative and corrective maintenance on all versions of the NAVMACS II systems, including AN/SYQ-7A(V), AN/SYQ-7B, AN/SYQ-7B(V) PC Variant, AN/SYQ-26(V)1, 2, 3 & 4 (SMS), and AN/SYQ-26(V)7 TMS.

**Source Rating:** ET  
**Billet Paygrades:** Personnel Paygrades: E3-E6  
**Course:** Mandatory  
**CIN:** A-101-0266  
**Sequence Code:** 4  
**ESTB Date:** 7/30/14  
**REV Date:**  
**Related NEC:**  
**Primary Advisor:** OPNAV (N2/N6)  
**Technical Advisor:** SPAWAR  
**Personnel Paygrades:** E3-E6  
**CDP:** 478U, 478V  
**NR Ind:** A  
**Open to Women:** Yes  
**ECM:** BUPERS-32
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-101-2117 (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 discernable 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 discernable 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
Course: Mandatory
Sequence Code: 4
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: S-101-0001
ESTB Date: REV Date: 1/4/16
Related NEC:
Technical Advisor: NAVSEA 05

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
Course: Mandatory
Sequence Code: 4
Component NEC: 9606 or 9621
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: C-103-2038
ESTB Date: REV Date: 9/9/16
Related NEC:
Technical Advisor: NAVSEA 05

NOTES:
1. Confidential security clearance is required.

9615 - 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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N95)
Primary Advisor: OPNAV (N95)

Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: A-130-0025, A-130-0023
ESTB Date: REV Date: 4/10/2013
Related NEC:
Technical Advisor: NAVSEA 05

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: 1Y1W  
Sequence Code: 4  
ESTB Date: 4/10/15  
REV Date:  
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: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0367 (P/L)  
CDP: 18BC, 18BD  
Sequence Code: 4  
ESTB Date: 5/5/15  
REV Date: 11/30/16  
Component NEC:  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (V2/6)  
Technical Advisor: SPAWAR, NAVCYBERFOR, NAVSEA  
ECM: BUPERS-32  
NOTE: Last reviewed during “ET HPRR” completed 11/30/16.

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: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-1003  
CDP: 10H6, 10H7  
Sequence Code: 4  
ESTB Date: 6/25/15  
REV Date: 2/8/17  
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.  
1. Member must have completed prerequisite training A-101-0054 prior to attending A-101-1003.  
3. Last reviewed during “ET HPRR” completed 2/8/17.

9621 - Shipboard Air Traffic Control (SATC) Radar Maintenance Technician Pipeline II
Performs organizational level maintenance on the AN/SPN - 41B Transmitting Set and AN/SPN - 43C Radar Set. Uses general and special purpose test equipment, built - in test equipment, diagnostic computer programs, and technical manuals for trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: C-103-2039  
CDP: 09YP  
Sequence Code: 4  
ESTB Date: 2/17/16  
REV Date: 12/19/16  
Component NEC:  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR PMA213  
ECM: BUPERS-32  
NOTE: Personnel assigned to CVN 78 Class platforms are only required to attend the SPN-41B training in order to be granted the NEC code.
9622 - Aegis Ashore Communications Technician
Performs and directs the operation of organizational level maintenance on associated Aegis Ashore communications equipment. Performs maintenance on UHF (WSC-3/UHF DAMA) equipment, EHF/SHF equipment within Navy Multi-Band Terminal (NMT) AN/WSC-9(V), and Joint Tactical Information Data System (JTIDS) AN URC-107(V)7.

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: 1425, 9604, 9620
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E7
CIN: A-101-0138
A-101-0148
A-101-1003
ESTB Date: 6/10/16 REV Date: NR Ind: N
Technical Advisor: NAVSEA PMS 339
ECM: BUPERS-32

Personnel Paygrades: E5-E8
CDP: 4323, 452L
577N
10H6, 10H7

NOTES:
1. Secret security clearance required.
2. Personnel will retain previously earned Component NECs (1425, 9604, 9620) upon being awarded the 9622 NEC code.
3. Submit 1221/6 to PERS-4013.

9623 - Tactical Variant Switch (TVS) AN/USQ-155 (V) 6 Maintenance Technician
Perform planned maintenance on the AN/USQ-155(V) 6 systems comprised of the following major components - Red Conference Voice Switch, Red Digital Matrix Switch (RDS) and/or Black Tactical Matrix Switch (BTS); introduction and operation of the CORSCAN Server; inspection, cleaning, fault isolation to the Lowest Replaceable Unit (LRU), and removal/replacement of LRUs; utilization of Built-in-Tests (BIT); software maintenance; system recoveries/reloads; and software program installations to ensure optimal system operation and performance based upon standard practices and unique information provided by the Original Equipment Manufacturer (OEM) documentation.

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: 1460
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7
CIN: A-101-0361
ESTB Date: 10/5/16 REV Date: NR Ind: A
Related NEC: 1486
Technical Advisor: SPAWAR, NAVSEA (05), NAVCYBERFOR
ECM: BUPERS-32

Personnel Paygrades: E3-E7
CDP: 12MZ, 12N0
12N0
Open to Women: Yes

NOTE: Secret security clearance is required.

9624 - Zumwalt Class Communications Technician
Performs and directs the operation of organizational level maintenance on associated Zumwalt Class communications equipment. Performs maintenance on Ultra-High Frequency (UHF) Systems (WSC-3/UHF DAMA), Communications Security (COMSEC), Joint Tactical Information Data System (JTIDS) AN/URC-107 (V) 7, and Navy Multi-Band Terminal (NMT) AN/WSC-9 (V) and AN/FSC-138 (V).

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: 1425, 1460, 9604, 9620
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E7
CIN: A-101-0138
A-160-0116
A-101-0148
A-101-1003
ESTB Date: 2/14/17 REV Date: NR Ind: N
Related NEC: 1486
Technical Advisor: NAVSEA PMS 339
ECM: BUPERS-32

Personnel Paygrades: E5-E9
CDP: 4323, 452L
213J, 453W
577N
10H6, 10H7

NOTES:
1. Secret security clearance required.
2. Personnel will retain previously earned Component NECs (1425, 1460, 9604, and 9620) upon being awarded this NEC code.
3. Please submit NAVPERS 1221/6 to PERS-4013 for awarding of this NEC code.
### 9625 - Zumwalt Class Data Technician
Performs and directs the operation of organizational level maintenance on associated Zumwalt Class data equipment. Performs maintenance on Information System Maintenance (ISM), Naval Modular Automated Communication System II (NAVMACS II) and Navigation System.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-2300</td>
<td>CDP: 5781, 5791</td>
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<td></td>
<td>A-101-0266</td>
<td>478U, 478V</td>
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<td>A-670-0017</td>
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<td>ESTB Date: 2/8/17</td>
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<td>Primary Advisor:</td>
<td>Related NEC:</td>
<td>Open to Women: Yes</td>
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<tr>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA PMS 500</td>
<td>ECM: BUPERS-32</td>
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</table>

**NOTES:**
1. Secret security clearance required.
2. Personnel will retain previously earned Component NECs upon being awarded this NEC code.
3. Please submit NAVPERS 1221/6 to PERS-4013 for awarding of this NEC code.

### 9801 - MK-15 MODS 31-33 SeaRAM CIWS 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 to include: the signal processor, signal source, improved mixer, single-board video tracker, digital resolvers, guided missile assembly, Launcher Switching Multiplexer Unit (LSMU), Electronic Support Measures (ESM) sensor, SeaRAM COTS computer and missile handling/loading. Performs casualty analysis and fault isolation. Operates, tests, aligns and repairs individual equipment, overall system and associated interfaces. Performs research, threat evaluation, acquisition, tracking, engagement, and kill assessment of assigned targets. Operates Local Control Station (LCS), PASS computer, Remote Control Station (RCS), and associated loading equipment as applicable in support of the ship’s weapon system.

<table>
<thead>
<tr>
<th>Source Rating: FC</th>
<th>Billet Paygrades: E3-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-113-0055</td>
<td>CDP: 09PA</td>
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<td>Sequence Code: 5</td>
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<td>Primary Advisor:</td>
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<td>Open to Women: Yes</td>
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<tr>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
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</table>

### LITTORAL COMBAT SHIP (LCS) CREW
#### 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.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E8</th>
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<tbody>
<tr>
<td>Course:</td>
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<td>Component NEC:</td>
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<td>NR Ind: R</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE</td>
<td>Open to Women: Yes</td>
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</table>

**NOTE:** Member must complete required prerequisite training; mission package (MP) unique training, and COMLCSRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.
98GA - LCS-2 (Independence Variant) Electronics Technician
Performs Organizational level (OL) maintenance on KY-57&58, AN/USC-43, KG-48A/C, KW-46 Equipment, and KG-194, and associated common fill devices, to include inspections, servicing, removing, and replacing faulty assemblies or chassis-mounted components. Diagnose faults by using prescribed procedures, Built-In-Test Equipment (BITE), and Special and General Purpose Electronic Test Equipment (SPETE/GPETE) as required. Perform Organizational and/or Intermediate Level (OL/IL) maintenance on assigned navigation equipment. Performs Organizational and/or Intermediate Level (OL/IL) maintenance on Air Traffic Control Radar Beacon System (ATCRBS), Identification, Friend or Foe (IFF) system and limited maintenance on crypto.

Source Rating: ET  
Billet Paygrades: E5  
Personnel Paygrades: E4-E6  
Course: Mandatory  
CIN: A-160-0116  
A-102-0239  
A-102-0062  
CDP: 213J, 453W  
4256, 452Z  
4784  
Sequence Code: 5  
ESTB Date: 4/19/17  
REV Date: 6/15/17  
Component NEC: 1460 and 1471 and 1572  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N96)  
Technical Advisor: LCSRON-ONE, LCSRON-TWO  
ECM: BUPERS-32

NOTES:
1. Component NEC codes will be removed once principal NEC code is awarded.
2. Must obliserve for 24 months in addition to the 36 months obliserved for the LCS program.
3. Member must hold one of the core LCS NEC codes 98AS, 98GD, 98LM, 98MC, or 98SU.

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, FCA, GM, GS, GSE, GSM, HM, IT, LS, OS, QM  
Billet Paygrades:  
Personnel Paygrades: E4-E8  
CIN:  
ESTB Date: 1/24/13  
REV Date: 3/7/17  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N96)  
Technical Advisor: PEO Ships (PMS 501)  
PEO Ships (PMS 339), COMLCSRON ONE  
ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; GD ship unique training, and COMLCSRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98LA - LCS-1 (Freedom Variant) TACAN/AIMS/SATCOM/AN-UPX Electronics Technician
Performs system operations, including operational tests on the AN/WSC-6(V)9 Super High frequency (SHF) Satellite Communications (SATCOM) terminal and related baseband equipment. Uses General Purpose Test equipment (GPTE), Built-In Test Equipment (BITE), and diagnostic computer programs to perform Preventive Maintenance System (PMS) checks, alignment, and trouble analysis to restore equipment to optimum operating condition. Perform Organizational and/or Intermediate Level (OL/IL) maintenance on assigned navigation equipment. Provides Preventive Maintenance (PM) and Corrective Maintenance (CM) on the AN/UPX-29(V) A - Air Traffic Control Radar Beacon System (ATCRBS), I – Identification, Friend or Foe (IFF), M – Military Secure, S – Systems (indicating many configurations) (AIMS) Central Identification, Friend or Foe (IFF) System (CIS) consisting of the following sub systems: OE-120/UPX Antenna Group (AG) (AS-3134 Antenna, CV-3372 Antenna Position Programmer, C-10063 Antenna Control), AN/UPX-24(V) Interrogator Set (CP-1273 Central processor Controller, C-10065 Control-Monitor, C-10064 Remote Control Indicator), KIR-1A/TSEC Cryto Computer, AN/UPX-27 Interrogator Set (AS-2188/UPX Linear Array Antenna, AN-UPX-27 Omni Directional Antenna, SA-1807/UPA-61 Electronic Switch, and C-8834/UPA-61 Control Monitor) Performs Organizational and/or Intermediate Level (OL/IL) maintenance on Air Traffic Control Radar Beacon System (ATCRBS), Identification, Friend or Foe (IFF) system and limited maintenance on crypto.

Source Rating: ET  
Billet Paygrades: E5  
Personnel Paygrades: E4-E6  
Course: Mandatory  
CIN: A-101-0059  
A-102-0239  
S-102-0085  
A-102-0062  
CDP: 09HB, 09HC  
4256, 452Z  
931G  
4784  
Sequence Code: 5  
ESTB Date: 4/21/17  
REV Date: 6/15/17  
Component NEC: 1406 and 1471 and 1571 and 1572  
Related NEC:  
Open to Women: Yes  
Primary Advisor: OPNAV (N96)  
Technical Advisor: LCSRON-ONE  
ECM: BUPERS-32

NOTES:
1. Component NEC codes will be removed once principal NEC code is awarded.
2. Must obliserve for 24 months in addition to the 36 months obliserved for the LCS program.
3. Member must hold one of the core LCS NEC codes 98AS, 98GD, 98LM, 98MC, or 98SU.
98LB - LCS-1 (Freedom Variant) Transmission Systems/IAT/ISSM Information Systems Technician

Operates and performs system monitoring, fault isolation and circuit restoration of communications suites in the High Frequency (HR), Ultra High Frequency (UHF), Super High Frequency (SHF), and Extremely High Frequency (EHF) spectrums afloat and ashore, to include; communication transmission paths, Input/output (I/O) devices, cryptographic devices, interface equipment and patch panels, familiarization with signals, multiplexers, modulators/demodulators, 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 (CA) as requires. Prepares and maintains all necessary circuit, watch to watch, operational and administrative logs, and ensures accountability of cryptographic publications and associated materials. Principle advisor to the Commanding Officer (CO) for all Information Security (INFOSEC) matters. Ensures that INFOSEC program requirements are met. Implements risk management program required by the Department of Navy (DON), Verifies that appropriate security tests are conducted and documented. Ensures 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 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 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. Administers and secures commercial network operating systems within the functional areas of configuration, systems, and performance management. Manages and maintains internet site networks, to include but not limited to Microsoft (MS) Exchange and Windows Operating Systems (WOS). Conduits Tier 2 level network software and hardware Corrective Actions (CA). Understands and administers general security concepts. Identifies potential risks, monitors activity, secures network environments, and enforces security policies and procedures. Performs Information Assurance (IA) Technician Level 1 functions In Accordance with (IAW) Department of Defense (DoD) 8570.1M, SECNAVMAN 5239.2, and COMNAVCYBERFORINST 5239.1.

Source Rating: IT
Course: Mandatory
Billet Paygrades: E6
CIN: A-260-0061
A-531-0009
Personnel Paygrades: E6-E7
CDP: 07UE, 07UF, 07UG
04KL, 04KM, 04KN, 04KP;
04KR, 7440, 7443
Sequence Code: 3
ESTB Date: 4/19/17
REV Date: 6/15/17
Component NEC: 2379 and 2779
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: LCSRON-ONE
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code 2379 requires initial tour with 2 years Technical Controller or Communications Center experience.
3. Component NEC codes will be removed once principal NEC code is awarded.
4. Must obliserve for 24 months in addition to the 36 months obliserved for the LCS program.
5. Member must hold one of the core LCS NEC codes 98AS, 98GD, 98LM, 98MC, or 98SU.

98LC - LCS-1 (Freedom Variant) Operations Specialist

Controls and tactically employs various service combat aircraft support of the SEA Combat Commander (SCC) and Air Defense Commander (ADC) during Surface Warfare (SUW), Undersea Warfare (USW), and Anti-Air Warfare (AAW) operations. Performs Joint Services (JS) and Navy specific applications and processes. Manages Command, Control, Communications, Computers, and Intelligence (C4I) database management functions, communications operations, and Force Over The Horizon Track Coordinator (FOTC) functions. Maintains the Common Operating Picture (COP) and provides input into the Common Tactical Picture (CTP) at the unit, battle group, component commander, joint and coalition level. Functions are performed at both the afloat and ashore commands. Operates multiple Tactical Digital Information Links (TADIL). Directs the tactical integration of joint inter-service link operations, controls communications, overall tracking 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
Course: Mandatory
Billet Paygrades: E4
CIN: A-221-0001
K-221-0124
A-221-0201
Personnel Paygrades: E4-E6
CDP: 06H8, 3885
178F, 382N, 783A
09WS, 09WT
Sequence Code: 4
ESTB Date: 4/19/17
REV Date: 6/15/17
Component NEC: 0327 and 0348 and 0356
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: LCSRON-ONE
Open to Women: Yes
ECM: BUPERS-32

NOTES:
1. Component NEC codes will be removed once principal NEC code is awarded.
2. Member must hold one of the core LCS NEC codes 98AS, 98GD, 98LM, 98MC, or 98SU.
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, FCA, GM, GS, GSE, GSM, HM, IT, LS, OS, QM
Billet Paygrades: CIN: Billet Paygrades: Personnel Paygrades: E4-E8
Course: Sequence Code: 2 ESTB Date: 1/24/13 REV Date: 3/7/17 CDP: NR Ind: R
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N96) Technical Advisor: PEO Ships (PMS 501) ECM: BUPERS-32
(PMS 339), COMLCSRON ONE

NOTE: Member must complete required prerequisite training; LM ship unique training, and COMLCSRON 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, COMLCRON ONE ECM: BUPERS-32
(PMS 339), COMLCSRON ONE

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLCSRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

98OS - LCS-1 (Freedom Variant) and LCS-2 (Independence Variant) Operations Specialist for ASTAC/TADIL/GCCS-COP
Performs basic air control, Antisubmarine Warfare (ASW) aircraft overview, emergency procedures, basic underwater sound, mission planning, special alert, Recovery, Assist, Securing and 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 failure, 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. Operates multiple Tactical Digital Information Links (TADIL). 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. Performs Joint Services (JS) and Navy specific applications and processes. Manages Command, Control, Communications, Computers, and Intelligence (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 Command 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: OS
Course: Mandatory
Sequence Code: 4
Component NEC: 0324 and 0348 and 0356
Primary Advisor: OPNAV (N96)

Billet Paygrades: Personnel Paygrades: E5-E7
CIN: A-221-4009 K-221-0124 A-221-0201
CDP: 12MN, 12MP 378F, 382N, 783A
09WS, 09WT
ESTB Date: 4/18/17 REV Date: 6/15/17 NR Ind: R
Related NEC: Technical Advisor: LCSRON-ONE, LCSRON-TWO
Open to Women: Yes ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code 0324 requires a minimum 12 months operational Command in Control (CIC) experience and 6 months at sea ASW experience within the past 4 years.
3. Member must hold one of the core LCS NEC codes 98AS, 98GD, 98LM, 98MC, or 98SU.
4. NEC code 0348 requires the students to complete the Introduction to Tactical Data Links NK0 course (FASW-ITDL-1.3) within 90 days prior to course convening.
5. Component NEC codes will be removed once principal NEC code is awarded.
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, FCA, GM
Course: CIN:
Sequence Code: 2 ESTB Date: 1/24/13 REV Date: 3/7/17
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96) Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE

Personnel Paygrades: E4-E8
Billet Paygrades: CDP: NR Ind: R

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLCSRON 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: Course: Mandatory
Sequence Code: 4 CIN: A-661-8888
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97) Technical Advisor: Pers-403F

Billet Paygrades: Personnel Paygrades: E3-E9 CDP: 4045

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, CSS, EMN, ETN, ETR, ETV, LS, MMA, MMN, MMW, YN, YNS
Course:
Sequence Code: 1 ESTB Date: 2/19/13 REV Date: 3/7/17
Component NEC: Related NEC:
Primary Advisor: BUPERS-32 Technical Advisor: BUPERS-32

Billet Paygrades: Personnel Paygrades: E1-E9 CDP: NR Ind: N

Open to Women: Yes 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
Course:
Sequence Code: 1 ESTB Date: REV Date: 9/9/15
Component NEC: Related NEC:
Primary Advisor: OPNAV (N4) Technical Advisor: COMNAVRESFOR

Billet Paygrades: Personnel Paygrades: E3-E6 CDP: NR Ind: N

Open to Women: Yes 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.

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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 NETPDC.
   c. For languages that do not have a course or a DoD approved test or OPI, the NEC code may be awarded upon approval from OPNAV (N13F).

9ACH-9ZUN - Language Capability (Personnel Only)
Identifies a foreign language in which an individual is proficient.

Source Rating: All
Billet Paygrades: Personnel Paygrades: E1-E9
Course: CIN: CDP:
Sequence Code: 6 ESTB Date: 12/6/10 REV Date: 3/8/17 NR Ind: A
Component NEC: Related NEC: Open to Women: Yes
Primary Advisor: OPNAV (N13F) Technical Advisor: NAVIFOR ECM: BUPERS-32

* See Note 2 for specific requirements to be awarded an NEC code in this series.

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**NOTES:**

1. **Courses, CINs and CDPs:**
   
   a. Courses without CIN or CDP listed are not currently available. Courses can be developed if a requirement exists. Contact OPNAV (N13F) for further guidance.

2. **NEC Code Award Criteria:**
   
   a. May be awarded for foreign language proficiency as measured by an approved Department of Defense (DoD) language proficiency test at the 1+ level in reading and the 1+ level for listening on the Interagency Language Roundtable (ILR) scale. May also be awarded for speaking proficiency at the 1+ level as measured by a DoD approved Oral Proficiency Interview (OPI) if no DoD proficiency test is available for the specific language.

   b. Personnel awarded language NEC codes must recertify language proficiency annually, and report results to NETPDC.

   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).